

Problem04

September 26, 2019

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[13]: #####  
#  
# Ulysses Carlos -- 09/25/2019  
# Problem 04  
#  
# Using the PostHistory file, provide a total count of the words used by each  
# distinct user. In other words, count all words in all posts for each user  
# and display this to screen. You can only identify users by the  
# UserID (30 points). You get 15 bonus points if you get the actual  
# DisplayName of the user.  
#  
#####  
  
sc.stop()  
from pyspark import SparkConf, SparkContext  
conf = SparkConf().setMaster("local").setAppName("My App")  
sc = SparkContext(conf = conf)  
  
# Import file  
xml_file = sc.textFile("PostHistory.xml")  
  
# Remove lines without any user:  
xml_file = xml_file.filter(lambda line : "Text=" in line)  
  
#Trim everything outside of text:  
def trim_to_text(line, str1, str2):  
    #low = line.rfind("Text")  
    #high = line.rfind("\" \"")  
  
    low = line.rfind(str1)  
    high = line.rfind(str2)
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    #Filter out "Text="
    #low += 4
    if low != -1 and high != -1:
        return str(line[low : high])
    else:
        return str("<DELETE>")

#End

filter_01 = xml_file.map(lambda line : trim_to_text(str(line), "Text", "\ "))

#filter_02 = filter_01.filter(lambda line : "<DELETE>" in line)
#filter_01 = filter_01.subtract(filter_02)

# Jesus Christ
def get_user_word_count(line):
    list = line.split(" ")
    return str(len(list))

#end

filter_03 = filter_01.map(lambda line : get_user_word_count(line))

# Now filter out User ID: or
user_filter = xml_file.map(lambda line : trim_to_text(str(line), "UserId", "\ "
    ↪ "Text"))

user_list = user_filter.collect()
word_list = filter_03.collect()

#print (filter_01.take(50))
#print (filter_03.take(50))

length = filter_03.count()

# This does NOT aggregate the total amount of words by user
# But only displays the word count of each post alongside its poster.
# I'm sorry.
print ("Now Displaying Table:")

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i = 0
while i < length:
    print (str(user_list[i]) + " --> Word Count (" + str(word_list[i]) + ")")
    i += 1

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UserId="5" --> Word Count (1)
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 UserId="406" Comment="deleted 5 characters in body" --> Word Count (404)
 UserId="432" Text="A variety of methods are available to the user. The support documentation gives walkthroughs and tips for when one or another model is most appropriate.
 

[This page][1] shows the following learning methods:

- "AssociationModel"
- "ClusteringModel" 
- "GeneralRegressionModel"
- "MiningModel" 
- "NaiveBayesModel" 
- "NeuralNetwork" 
- "RegressionModel"
- "RuleSetModel" 
- "SequenceModel" 
- "SupportVectorMachineModel"
- " --> Word Count (8)
 UserId="434" --> Word Count (250)
 UserId="432" Comment="added 160 characters in body" Text="A variety of methods are available to the user. The support documentation gives walkthroughs and tips for when one or another model is most appropriate.
 

[This page][1] shows the following learning methods:

- "AssociationModel"
- "ClusteringModel" 
- "GeneralRegressionModel"
- "MiningModel"

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&#xD;&#xA;- &quot;NaiveBayesModel&quot;; &#xD;&#xA;- &quot;NeuralNetwork&quot;;
&#xD;&#xA;- &quot;RegressionModel&quot;;&#xD;&#xA;- &quot;RuleSetModel&quot;;
&#xD;&#xA;- &quot;SequenceModel&quot;; &#xD;&#xA;-
&quot;SupportVectorMachineModel&quot;;&#xD;&#xA;- &quot;; --> Word Count (34)
UserId="432" --> Word Count (141)
UserId="434" --> Word Count (143)
UserId="434" --> Word Count (21)
UserId="434" --> Word Count (209)
UserId="434" --> Word Count (122)
UserId="434" --> Word Count (163)
UserId="451" --> Word Count (426)
UserId="88" --> Word Count (49)
UserId="88" --> Word Count (6)
UserId="88" --> Word Count (1)
UserId="456" --> Word Count (44)
UserId="456" --> Word Count (11)
UserId="456" --> Word Count (1)
UserId="463" --> Word Count (211)
UserId="466" --> Word Count (42)
UserId="434" --> Word Count (143)
UserId="11" --> Word Count (147)
UserId="97" Comment="Added 1 more relevant tag" --> Word Count (1)
UserId="434" --> Word Count (66)
UserId="454" --> Word Count (88)
UserId="434" Comment="added an example" --> Word Count (290)
UserId="454" --> Word Count (125)
UserId="480" --> Word Count (12)
UserId="97" --> Word Count (25)
UserId="97" --> Word Count (6)
UserId="97" --> Word Count (1)
UserId="478" --> Word Count (79)
UserId="490" --> Word Count (39)
UserId="434" --> Word Count (141)
UserId="434" --> Word Count (9)
UserId="434" --> Word Count (1)
UserId="434" --> Word Count (55)
UserId="434" --> Word Count (8)
UserId="434" --> Word Count (1)
UserId="418" --> Word Count (52)
UserId="97" --> Word Count (74)
UserId="478" --> Word Count (54)
UserId="418" --> Word Count (82)
UserId="478" --> Word Count (50)
UserId="498" --> Word Count (32)
UserId="434" --> Word Count (77)
UserId="508" --> Word Count (43)
UserId="434" --> Word Count (31)
UserId="518" --> Word Count (272)

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UserId="524" --> Word Count (42)
 UserId="514" --> Word Count (50)
 UserId="498" Comment="precised grammar" --> Word Count (24)
 UserId="531" --> Word Count (126)
 UserId="531" --> Word Count (9)
 UserId="531" --> Word Count (1)
 UserId="514" --> Word Count (171)
 UserId="84" --> Word Count (149)
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 UserId="560" --> Word Count (1)
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 UserId="560" Comment="added 275 characters in body" --> Word Count (168)
 UserId="560" Comment="deleted 7 characters in body" --> Word Count (167)
 UserId="587" --> Word Count (91)
 UserId="26" --> Word Count (458)
 UserId="602" --> Word Count (145)
 UserId="386" --> Word Count (118)
 UserId="14" --> Word Count (202)
 UserId="418" --> Word Count (162)
 UserId="609" --> Word Count (330)
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 UserId="406" Comment="Gained enough reputation to add a 3rd link." --> Word Count (407)
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 UserId="381" Comment="added 55 characters in body" --> Word Count (70)
 UserId="534" --> Word Count (63)
 UserId="534" --> Word Count (8)
 UserId="534" --> Word Count (1)
 UserId="434" --> Word Count (209)
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 UserId="496" --> Word Count (8)
 UserId="496" --> Word Count (1)
 UserId="434" --> Word Count (392)
 UserId="638" --> Word Count (285)
 UserId="434" Comment="added 347 characters in body" --> Word Count (465)
 UserId="638" Comment="added 320 characters in body" --> Word Count (344)
 UserId="638" Comment="deleted 13 characters in body" --> Word Count (342)
 UserId="638" Comment="added 48 characters in body" --> Word Count (348)
 UserId="638" Comment="added 48 characters in body" --> Word Count (381)
 UserId="108" Comment="added 49 characters in body" --> Word Count (595)
 UserId="555" --> Word Count (292)

UserId="555" --> Word Count (8)
 UserId="555" --> Word Count (1)
 UserId="434" --> Word Count (235)
 UserId="655" --> Word Count (72)
 UserId="663" --> Word Count (69)
 UserId="663" --> Word Count (7)
 UserId="663" --> Word Count (1)
 UserId="663" Comment="added 249 characters in body" --> Word Count (87)
 UserId="178" --> Word Count (151)
 UserId="663" Comment="deleted 5 characters in body" --> Word Count (86)
 UserId="434" Comment="minor typos" --> Word Count (66)
 UserId="514" --> Word Count (165)
 UserId="514" Comment="Added new links" --> Word Count (72)
 UserId="680" --> Word Count (48)
 UserId="471" --> Word Count (53)
 UserId="158" Comment="edited tags" --> Word Count (1)
 UserId="691" --> Word Count (123)
 UserId="691" --> Word Count (9)
 UserId="691" --> Word Count (1)
 UserId="84" Comment="Improving formatting." --> Word Count (121)
 UserId="574" --> Word Count (143)
 UserId="418" --> Word Count (72)
 UserId="418" --> Word Count (10)
 UserId="418" --> Word Count (1)
 UserId="714" --> Word Count (66)
 UserId="714" --> Word Count (24)
 UserId="714" --> Word Count (1)
 UserId="434" --> Word Count (162)
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 UserId="721" --> Word Count (5)
 UserId="721" --> Word Count (1)
 UserId="115" --> Word Count (109)
 UserId="456" --> Word Count (79)
 UserId="729" --> Word Count (10)
 UserId="108" --> Word Count (526)
 UserId="108" --> Word Count (304)
 UserId="434" --> Word Count (175)
 UserId="434" --> Word Count (8)
 UserId="434" --> Word Count (1)
 UserId="478" --> Word Count (38)
 UserId="733" Comment="corrected spelling " --> Word Count (527)
 UserId="733" --> Word Count (150)
 UserId="735" --> Word Count (100)
 UserId="737" --> Word Count (79)
 UserId="514" --> Word Count (500)
 UserId="471" --> Word Count (37)
 UserId="743" --> Word Count (50)
 UserId="754" --> Word Count (73)

UserId="471" Comment="fixed spelling 'Tableau'" --> Word Count (32)
UserId="381" Comment="edited title to match body" --> Word Count (3)
UserId="554" --> Word Count (147)
UserId="50" Comment="via Vote" --> Word Count (2)
UserId="50" --> Word Count (2)
UserId="554" --> Word Count (56)
UserId="733" --> Word Count (123)
UserId="754" Comment="added 52 characters in body" --> Word Count (82)
UserId="456" --> Word Count (73)
UserId="84" Comment="Fixed grammar, and improving formatting." --> Word Count (55)
UserId="780" --> Word Count (107)
UserId="194" --> Word Count (45)
UserId="194" --> Word Count (10)
UserId="194" --> Word Count (1)
UserId="84" Comment="Improving formatting." --> Word Count (42)
UserId="735" --> Word Count (107)
UserId="62" --> Word Count (62)
UserId="62" --> Word Count (15)
UserId="62" --> Word Count (1)
UserId="791" --> Word Count (131)
UserId="791" --> Word Count (6)
UserId="791" --> Word Count (1)
UserId="434" --> Word Count (162)
UserId="434" --> Word Count (421)
UserId="434" --> Word Count (10)
UserId="434" --> Word Count (1)
UserId="97" Comment="Adding relevant tags" --> Word Count (1)
UserId="434" Comment="added 79 characters in body" --> Word Count (188)
UserId="797" --> Word Count (137)
UserId="587" --> Word Count (117)
UserId="743" --> Word Count (20)
UserId="801" --> Word Count (74)
UserId="780" Comment="added a word" --> Word Count (108)
UserId="84" Comment="Changing tags." --> Word Count (1)
UserId="158" --> Word Count (69)
UserId="158" --> Word Count (5)
UserId="158" --> Word Count (1)
UserId="158" Comment="added 1 character in body" --> Word Count (69)
UserId="158" Comment="added 191 characters in body" --> Word Count (60)
UserId="737" --> Word Count (52)
UserId="84" --> Word Count (234)
UserId="158" --> Word Count (78)
UserId="386" --> Word Count (177)
UserId="780" --> Word Count (563)
UserId="386" Comment="added 3 characters in body" --> Word Count (177)
UserId="791" --> Word Count (51)
UserId="496" Comment="added 38 characters in body" --> Word Count (149)

UserId="838" --> Word Count (40)
 UserId="838" --> Word Count (10)
 UserId="838" --> Word Count (1)
 UserId="839" --> Word Count (131)
 UserId="839" --> Word Count (9)
 UserId="839" --> Word Count (1)
 UserId="434" Text="I'm curious about natural language querying. Stanford has what looks to be a strong set of [software for processing natural language][1]. I've also seen the [Apache OpenNLP library][2], and the [General Architecture for --> Word Count (119)
 UserId="434" --> Word Count (6)
 UserId="434" --> Word Count (1)
 UserId="434" Comment="added 39 characters in body" Text="I'm curious about natural language querying. Stanford has what looks to be a strong set of [software for processing natural language][1]. I've also seen the [Apache OpenNLP library][2], and the [General Architecture for --> Word Count (150)
 UserId="381" --> Word Count (34)
 UserId="434" --> Word Count (117)
 UserId="780" --> Word Count (247)
 UserId="418" --> Word Count (31)
 UserId="418" --> Word Count (5)
 UserId="418" --> Word Count (1)
 UserId="84" --> Word Count (166)
 UserId="84" --> Word Count (8)
 UserId="84" --> Word Count (1)
 UserId="84" Comment="added 91 characters in body" --> Word Count (178)
 UserId="434" --> Word Count (88)
 UserId="842" --> Word Count (335)
 UserId="842" --> Word Count (118)
 UserId="842" --> Word Count (194)
 UserId="846" --> Word Count (150)
 UserId="846" --> Word Count (5)
 UserId="846" --> Word Count (1)
 UserId="97" --> Word Count (50)
 UserId="97" --> Word Count (4)
 UserId="97" --> Word Count (1)
 UserId="97" Comment="Add tag, minor changes in text" --> Word Count (53)
 UserId="97" Comment="Add tag, minor changes in text" --> Word Count (1)
 UserId="780" --> Word Count (32)
 UserId="84" --> Word Count (87)
 UserId="84" --> Word Count (5)
 UserId="84" --> Word Count (1)
 UserId="780" --> Word Count (68)
 UserId="84" Comment="added 134 characters in body" --> Word Count (108)
 UserId="97" Comment="More details" --> Word Count (62)
 UserId="515" --> Word Count (61)
 UserId="386" Comment="added 9 characters in body" --> Word Count (178)
 UserId="21" --> Word Count (28)

UserId="735" --> Word Count (125)
 UserId="780" Comment="Added some intuition" Text="Spam filtering, especially in email, has been revolutionized by neural networks, here are a couple papers that provide good reading on the subject:

On Neural Networks And The Future Of Spam 
A. C. Cosoi, M. S. Vlad, V. Sgarciu 
http://ceai.srait.ro/index.php/ceai/article/viewFile/18/8

Intelligent Word-Based Spam Filter Detection Using 
Multi-Neural Networks 
Ann Nosseir, Khaled Nagati and Islam Taj-Eddin
http://www.ijcsi.org/papers/IJCSI-10-2-1-17-21.pdf

Spam Detection using Adaptive Neural Networks: Adaptive Resonance Theory 
David Ndumiyana, Richard Gotor, and Tarisai Mupamombe
http://onlineresearchjournals.org/JPESR/pdf/2013/apr/Ndumiyana%20et%20al.pdf

EDIT:
The basic intuition behind using a neural network to help with spam filtering is by providing a weight to terms based on how often they are associated with spam.

Neural networks can be trained most quickly in a supervised -- you explicitly provide the classification of the sentence in the training set -- environment. Without going into the nitty gritty the basic idea can be illustrated with these sentences:

Text = "How is the loss of the Viagra patent going to affect Pfizer";, Spam = false
Text = "Cheap Viagra Buy Now";, Spam = true

 --> Word Count (130)
 UserId="478" --> Word Count (22)
 UserId="548" --> Word Count (162)
 UserId="548" --> Word Count (209)
 UserId="548" --> Word Count (165)
 UserId="733" --> Word Count (113)
 UserId="872" --> Word Count (256)
 UserId="872" --> Word Count (11)
 UserId="872" --> Word Count (1)
 UserId="735" --> Word Count (98)
 UserId="846" --> Word Count (164)
 UserId="791" --> Word Count (276)
 UserId="387" --> Word Count (112)
 UserId="880" --> Word Count (1351)
 UserId="880" --> Word Count (4)
 UserId="880" --> Word Count (1)
 UserId="97" Comment="Add tag" --> Word Count (1)
 UserId="548" --> Word Count (190)
 UserId="548" --> Word Count (412)
 UserId="886" --> Word Count (97)
 UserId="886" --> Word Count (11)
 UserId="886" --> Word Count (1)
 UserId="548" Comment="added 2 characters in body" --> Word Count (190)
 UserId="227" --> Word Count (152)
 UserId="178" --> Word Count (70)
 UserId="889" --> Word Count (148)
 UserId="548" Comment="added 2 characters in body" --> Word Count (269)
 UserId="890" --> Word Count (150)

UserId="890" --> Word Count (4)
 UserId="890" --> Word Count (1)
 UserId="322" Comment="improved formatting" --> Word Count (154)
 UserId="890" --> Word Count (152)
 UserId="890" --> Word Count (5)
 UserId="890" --> Word Count (1)
 UserId="890" Comment="added 45 characters in body" --> Word Count (158)
 UserId="84" Comment="Improving formatting." --> Word Count (44)
 UserId="84" Comment="Improving formatting." --> Word Count (10)
 UserId="84" Comment="Improving formatting." --> Word Count (1)
 UserId="322" --> Word Count (302)
 UserId="322" --> Word Count (23)
 UserId="322" --> Word Count (1)
 UserId="890" --> Word Count (148)
 UserId="548" --> Word Count (350)
 UserId="322" Comment="added 140 characters in body" --> Word Count (318)
 UserId="890" Comment="added 93 characters in body" --> Word Count (164)
 UserId="548" --> Word Count (461)
 UserId="381" --> Word Count (62)
 UserId="414" --> Word Count (197)
 UserId="890" Comment="added 30 characters in body" --> Word Count (168)
 UserId="890" Comment="added 220 characters in body" --> Word Count (199)
 UserId="548" Comment="added 61 characters in body" --> Word Count (362)
 UserId="548" Comment="added 9 characters in body" --> Word Count (364)
 UserId="900" --> Word Count (67)
 UserId="900" --> Word Count (10)
 UserId="900" --> Word Count (1)
 UserId="901" --> Word Count (208)
 UserId="178" --> Word Count (100)
 UserId="548" Comment="added 1 character in body" --> Word Count (364)
 UserId="88" --> Word Count (30)
 UserId="88" --> Word Count (4)
 UserId="88" --> Word Count (1)
 UserId="84" --> Word Count (100)
 UserId="84" --> Word Count (5)
 UserId="84" --> Word Count (1)
 UserId="84" Comment="added 62 characters in body" --> Word Count (109)
 UserId="84" --> Word Count (121)
 UserId="84" --> Word Count (6)
 UserId="84" --> Word Count (1)
 UserId="906" --> Word Count (146)
 UserId="906" --> Word Count (13)
 UserId="906" --> Word Count (1)
 UserId="791" --> Word Count (77)
 UserId="122" --> Word Count (16)
 UserId="908" --> Word Count (50)
 UserId="908" --> Word Count (6)
 UserId="908" --> Word Count (1)

UserId="906" Comment="edited title" --> Word Count (12)
 UserId="906" --> Word Count (77)
 UserId="846" --> Word Count (65)
 UserId="913" --> Word Count (166)
 UserId="913" --> Word Count (5)
 UserId="913" --> Word Count (1)
 UserId="743" --> Word Count (20)
 UserId="241" --> Word Count (81)
 UserId="241" --> Word Count (61)
 UserId="84" Comment="Improving formatting." --> Word Count (163)
 UserId="84" Comment="Improving formatting." --> Word Count (1)
 UserId="515" --> Word Count (36)
 UserId="917" --> Word Count (139)
 UserId="917" --> Word Count (5)
 UserId="917" --> Word Count (1)
 UserId="84" Comment="Improving formatting." --> Word Count (141)
 UserId="548" --> Word Count (247)
 UserId="381" Comment="added some tags" --> Word Count (1)
 UserId="97" Comment="Adding more relevant tags" --> Word Count (1)
 UserId="322" Comment="see <http://meta.datascience.stackexchange.com/a/18/322>"
 --> Word Count (1)
 UserId="97" Comment="Adding tag." --> Word Count (1)
 UserId="84" Comment="Improving formatting." --> Word Count (96)
 UserId="84" Comment="Improving formatting." --> Word Count (114)
 UserId="84" Comment="Improving question." --> Word Count (134)
 UserId="50" Comment="103" --> Word Count (2)
 UserId="322" Comment="added 2369 characters in body" --> Word Count (742)
 UserId="199" --> Word Count (39)
 UserId="199" --> Word Count (8)
 UserId="199" --> Word Count (1)
 UserId="381" Comment="added 537 characters in body" --> Word Count (150)
 UserId="322" Comment="edited body" --> Word Count (742)
 UserId="780" --> Word Count (256)
 UserId="922" --> Word Count (116)
 UserId="381" Comment="added 15 characters in body" --> Word Count (151)
 UserId="426" --> Word Count (63)
 UserId="426" --> Word Count (10)
 UserId="426" --> Word Count (1)
 UserId="548" --> Word Count (133)
 UserId="322" Comment="added 338 characters in body" --> Word Count (762)
 UserId="474" --> Word Count (151)
 UserId="418" --> Word Count (27)
 UserId="609" --> Word Count (293)
 UserId="322" --> Word Count (579)
 UserId="890" --> Word Count (146)
 UserId="890" --> Word Count (3)
 UserId="890" --> Word Count (1)
 UserId="418" --> Word Count (53)

UserId="88" Comment="detalization of question" --> Word Count (56)
 UserId="21" --> Word Count (336)
 UserId="474" Comment="Fixed typo" --> Word Count (151)
 UserId="322" Comment="reformulated the question to be more concise and less specific to the OP's thesis" --> Word Count (81)
 UserId="368" Comment="cleaned up question" --> Word Count (1519)
 UserId="368" Comment="cleaned up question" --> Word Count (17)
 UserId="941" --> Word Count (270)
 UserId="84" --> Word Count (89)
 UserId="84" --> Word Count (8)
 UserId="84" --> Word Count (1)
 UserId="322" Comment="added 18 characters in body" --> Word Count (583)
 UserId="403" --> Word Count (153)
 UserId="84" --> Word Count (141)
 UserId="84" --> Word Count (10)
 UserId="84" --> Word Count (1)
 UserId="403" --> Word Count (99)
 UserId="403" --> Word Count (13)
 UserId="403" --> Word Count (1)
 UserId="84" Comment="Improving question." --> Word Count (141)
 UserId="960" --> Word Count (10)
 UserId="960" --> Word Count (5)
 UserId="960" --> Word Count (1)
 UserId="322" --> Word Count (265)
 UserId="548" --> Word Count (263)
 UserId="84" --> Word Count (35)
 UserId="84" --> Word Count (4)
 UserId="84" --> Word Count (1)
 UserId="178" --> Word Count (89)
 UserId="984" --> Word Count (125)
 UserId="986" --> Word Count (191)
 UserId="986" --> Word Count (3)
 UserId="986" --> Word Count (1)
 UserId="548" --> Word Count (130)
 UserId="984" --> Word Count (247)
 UserId="984" --> Word Count (29)
 UserId="984" --> Word Count (119)
 UserId="989" --> Word Count (57)
 UserId="989" --> Word Count (10)
 UserId="989" --> Word Count (1)
 UserId="994" --> Word Count (205)
 UserId="994" --> Word Count (5)
 UserId="994" --> Word Count (1)
 UserId="322" Comment="language, add reference" --> Word Count (128)
 UserId="906" --> Word Count (28)
 UserId="941" --> Word Count (130)
 UserId="944" Text="One of the most widely used test collection for text categorization research (link below). I've used many times. Enjoy your

exploration :)

http://www.daviddlewis.com/resources/testcolle
 ctions/reuters21578/
or
http://archive.ics.uci.edu/ml/datasets
 /Reuters-21578+ --> Word Count (1)
 UserId="989" Comment="added 696 characters in body" --> Word Count (159)
 UserId="922" --> Word Count (45)
 UserId="922" --> Word Count (6)
 UserId="922" --> Word Count (1)
 UserId="957" --> Word Count (22)
 UserId="957" --> Word Count (6)
 UserId="957" --> Word Count (1)
 UserId="418" --> Word Count (74)
 UserId="418" Comment="added 9 characters in body" --> Word Count (75)
 <DELETE> --> Word Count (158)
 UserId="986" --> Word Count (191)
 UserId="986" --> Word Count (3)
 UserId="986" --> Word Count (1)
 UserId="1004" --> Word Count (98)
 UserId="922" Comment="edited title" --> Word Count (7)
 UserId="84" Comment="Improving formatting." --> Word Count (19)
 UserId="84" Comment="Improving formatting." --> Word Count (5)
 UserId="84" Comment="Improving formatting." --> Word Count (1)
 UserId="59" --> Word Count (54)
 UserId="922" Comment="Make the title an actual question; tidy up content" -->
 Word Count (12)
 UserId="922" Comment="Make the title an actual question; tidy up content" -->
 Word Count (5)
 UserId="178" --> Word Count (203)
 UserId="178" Comment="Add forgotten note." --> Word Count (219)
 UserId="968" --> Word Count (95)
 UserId="403" Comment="clarified feature matrix." --> Word Count (276)
 UserId="1011" --> Word Count (415)
 UserId="84" Comment="Improving formatting." --> Word Count (190)
 UserId="84" Comment="Improving formatting." --> Word Count (1)
 UserId="84" Comment="Improving formatting." --> Word Count (146)
 UserId="1015" --> Word Count (66)
 UserId="84" Comment="Improving formatting." --> Word Count (69)
 UserId="1011" --> Word Count (68)
 UserId="1021" --> Word Count (48)
 UserId="1021" --> Word Count (8)
 UserId="1021" --> Word Count (1)
 UserId="1011" --> Word Count (36)
 UserId="941" --> Word Count (316)
 UserId="684" --> Word Count (105)
 UserId="684" --> Word Count (5)
 UserId="684" --> Word Count (1)
 UserId="1029" --> Word Count (155)
 UserId="1028" --> Word Count (182)
 UserId="1028" --> Word Count (6)

UserId="1028" --> Word Count (1)
 UserId="684" Comment="deleted 1 character in body" --> Word Count (104)
 UserId="322" Comment="add recommendation tag" --> Word Count (1)
 UserId="1011" --> Word Count (693)
 UserId="960" Comment="added 662 characters in body" --> Word Count (125)
 UserId="84" Comment="Improving answer." --> Word Count (157)
 UserId="84" Comment="Correcting tag." --> Word Count (1)
 UserId="1011" Comment="Changed "two things" to "three things" since there are three items in the list" --> Word Count (182)
 UserId="957" Comment="added 261 characters in body" --> Word Count (46)
 UserId="434" --> Word Count (438)
 UserId="1047" --> Word Count (608)
 UserId="1047" --> Word Count (17)
 UserId="1047" --> Word Count (1)
 UserId="322" Comment="use standard emphasis in place of double angle quotation characters; improve grammar; correct google chart subscripts" --> Word Count (341)
 UserId="819" --> Word Count (99)
 UserId="819" --> Word Count (106)
 UserId="514" --> Word Count (200)
 UserId="119" --> Word Count (334)
 UserId="108" Comment="edited body" --> Word Count (663)
 UserId="108" --> Word Count (454)
 UserId="960" Comment="edited tags" --> Word Count (1)
 UserId="1057" --> Word Count (163)
 UserId="684" --> Word Count (151)
 UserId="684" --> Word Count (5)
 UserId="684" --> Word Count (1)
 UserId="1011" --> Word Count (946)
 UserId="780" --> Word Count (683)
 UserId="984" --> Word Count (161)
 UserId="1015" --> Word Count (81)
 UserId="941" --> Word Count (395)
 UserId="1015" Comment="added 359 characters in body" --> Word Count (132)
 UserId="97" --> Word Count (75)
 UserId="97" --> Word Count (6)
 UserId="97" --> Word Count (1)
 UserId="97" Comment="added 11 characters in body" --> Word Count (75)
 UserId="97" Comment="added 72 characters in body" --> Word Count (85)
 UserId="609" --> Word Count (137)
 UserId="964" --> Word Count (150)
 UserId="1057" Comment="added 104 characters in body" --> Word Count (179)
 UserId="609" --> Word Count (205)
 UserId="985" --> Word Count (67)
 UserId="985" --> Word Count (7)
 UserId="985" --> Word Count (1)
 UserId="84" Comment="Improving formatting." --> Word Count (73)
 UserId="84" Comment="Improving formatting." --> Word Count (7)

UserId="119" --> Word Count (37)
UserId="960" --> Word Count (25)
UserId="960" --> Word Count (3)
UserId="960" --> Word Count (1)
UserId="454" --> Word Count (152)
UserId="454" Comment="Improved formatting of the list." --> Word Count (158)
UserId="1085" --> Word Count (201)
UserId="97" Comment="Use more accurate term in header" --> Word Count (87)
UserId="97" Comment="Use more accurate term in header" --> Word Count (5)
UserId="97" Comment="Use more accurate term in header" --> Word Count (1)
UserId="1061" --> Word Count (76)
UserId="1011" --> Word Count (76)
UserId="1096" --> Word Count (195)
UserId="960" Comment="deleted 41 characters in body" --> Word Count (16)
UserId="406" --> Word Count (241)
UserId="1103" --> Word Count (53)
UserId="84" Comment="Improving formatting." --> Word Count (50)
UserId="406" Comment="Added Pattern to the list of examples." --> Word Count (262)
UserId="1107" --> Word Count (204)
UserId="1107" --> Word Count (4)
UserId="1107" --> Word Count (1)
UserId="84" Comment="Improving formatting." --> Word Count (210)
UserId="84" Comment="added 65 characters in body" --> Word Count (210)
UserId="159" --> Word Count (17)
UserId="454" --> Word Count (45)
UserId="454" --> Word Count (7)
UserId="454" --> Word Count (1)
UserId="793" --> Word Count (293)
UserId="793" --> Word Count (8)
UserId="793" --> Word Count (1)
UserId="418" --> Word Count (156)
UserId="1085" --> Word Count (181)
UserId="418" Comment="deleted 1 character in body" --> Word Count (156)
UserId="883" --> Word Count (39)
UserId="941" --> Word Count (238)
UserId="793" Comment="added 66 characters in body" --> Word Count (346)
UserId="289" --> Word Count (171)
UserId="289" --> Word Count (7)
UserId="289" --> Word Count (1)
UserId="1085" Comment="fixed typo" --> Word Count (169)
UserId="289" Comment="added 194 characters in body" --> Word Count (205)
UserId="1085" Comment="grammar and typos" --> Word Count (156)
UserId="1125" --> Word Count (72)
UserId="1125" --> Word Count (13)
UserId="1125" --> Word Count (1)
UserId="1127" --> Word Count (31)
UserId="1103" Comment="Rollback to [cc32ec69-a278-4c28-9a18-81edd5bf5a84]" -->

Word Count (53)

UserId="1131" --> Word Count (45)

UserId="1131" --> Word Count (7)

UserId="1131" --> Word Count (1)

UserId="322" --> Word Count (357)

UserId="322" Comment="added 396 characters in body" --> Word Count (424)

UserId="322" Comment="added 396 characters in body" --> Word Count (661)

UserId="289" Comment="added 316 characters in body" --> Word Count (258)

UserId="793" --> Word Count (108)

UserId="793" --> Word Count (18)

UserId="1011" --> Word Count (435)

UserId="1011" --> Word Count (171)

UserId="1138" --> Word Count (153)

UserId="1138" --> Word Count (9)

UserId="1138" --> Word Count (1)

UserId="1011" --> Word Count (55)

UserId="418" --> Word Count (121)

UserId="381" Comment="added 63 characters in body" --> Word Count (152)

UserId="941" --> Word Count (86)

UserId="728" --> Word Count (79)

UserId="728" --> Word Count (4)

UserId="728" --> Word Count (1)

UserId="434" --> Word Count (535)

UserId="434" --> Word Count (412)

UserId="1147" --> Word Count (270)

UserId="1147" --> Word Count (8)

UserId="1147" --> Word Count (1)

UserId="1085" --> Word Count (239)

UserId="964" --> Word Count (140)

UserId="1138" Comment="added 454 characters in body" --> Word Count (228)

UserId="1155" --> Word Count (124)

UserId="1155" --> Word Count (113)

UserId="237" --> Word Count (99)

UserId="237" --> Word Count (9)

UserId="237" --> Word Count (1)

UserId="1162" --> Word Count (30)

UserId="1162" --> Word Count (13)

UserId="1162" --> Word Count (1)

UserId="1165" UserDisplayName="mousecoder" --> Word Count (212)

UserId="1165" UserDisplayName="mousecoder" --> Word Count (7)

UserId="1165" UserDisplayName="mousecoder" --> Word Count (1)

UserId="84" Comment="Improving formatting." --> Word Count (102)

UserId="84" Comment="Improving formatting." --> Word Count (9)

UserId="1163" --> Word Count (83)

UserId="237" Comment="added 191 characters in body" --> Word Count (143)

UserId="1155" --> Word Count (51)

UserId="1164" --> Word Count (89)

UserId="1163" Comment="added 318 characters in body" --> Word Count (132)

UserId="84" Comment="Improving formatting." --> Word Count (267)
 UserId="1164" Comment="added 11 characters in body" --> Word Count (90)
 UserId="237" Comment="added 17 characters in body" --> Word Count (146)
 UserId="1162" Comment="added 451 characters in body" --> Word Count (107)
 UserId="434" --> Word Count (51)
 UserId="1174" --> Word Count (70)
 UserId="1174" --> Word Count (5)
 UserId="1174" --> Word Count (1)
 UserId="84" Comment="Improving formatting." --> Word Count (104)
 UserId="84" Comment="Improving formatting." --> Word Count (13)
 UserId="84" Comment="Improving formatting." --> Word Count (1)
 UserId="609" --> Word Count (215)
 UserId="1176" --> Word Count (33)
 UserId="84" Comment="Improving formatting." --> Word Count (76)
 UserId="890" Comment="Wouldn't want to high pass, high frequency noise could also be a concern, and a Butterworth is non-ideal. " --> Word Count (61)
 UserId="1155" --> Word Count (166)
 UserId="237" Comment="added 4 characters in body" --> Word Count (162)
 UserId="1155" --> Word Count (182)
 UserId="1155" --> Word Count (51)
 UserId="743" --> Word Count (45)
 UserId="1155" --> Word Count (48)
 UserId="1155" --> Word Count (33)
 UserId="743" --> Word Count (31)
 UserId="924" --> Word Count (140)
 UserId="924" --> Word Count (156)
 UserId="924" --> Word Count (195)
 UserId="1162" Comment="added 299 characters in body" --> Word Count (128)
 UserId="322" Comment="added explicit citation in case the link rots" --> Word Count (101)
 UserId="322" Comment="title, code format, add kaggle tag" --> Word Count (164)
 UserId="322" Comment="title, code format, add kaggle tag" --> Word Count (18)
 UserId="322" Comment="title, code format, add kaggle tag" --> Word Count (1)
 UserId="1192" --> Word Count (68)
 UserId="1192" --> Word Count (8)
 UserId="1192" --> Word Count (1)
 UserId="793" --> Word Count (121)
 UserId="793" --> Word Count (13)
 UserId="793" --> Word Count (1)
 UserId="97" --> Word Count (24)
 UserId="97" Comment="Adding more relevant tag. This question is probably off-topic." --> Word Count (13)
 UserId="97" Comment="Adding more relevant tag. This question is probably off-topic." --> Word Count (1)
 UserId="84" Comment="105" --> Word Count (2)
 UserId="62" Comment="102" --> Word Count (1)
 UserId="84" Comment="103" --> Word Count (1)
 UserId="906" Comment="specific question about r -> r tag" --> Word Count (1)

UserId="322" Comment="clarify the type of dataset and add appropriate tag;
 grammar/language" --> Word Count (162)
 UserId="322" Comment="clarify the type of dataset and add appropriate tag;
 grammar/language" --> Word Count (8)
 UserId="322" Comment="clarify the type of dataset and add appropriate tag;
 grammar/language" --> Word Count (1)
 UserId="62" Comment="104" --> Word Count (1)
 UserId="62" Comment="104" --> Word Count (1)
 UserId="84" Comment="101" --> Word Count (2)
 UserId="791" --> Word Count (164)
 UserId="172" --> Word Count (164)
 UserId="172" --> Word Count (167)
 UserId="1206" --> Word Count (101)
 UserId="1206" --> Word Count (9)
 UserId="1206" --> Word Count (1)
 UserId="1207" --> Word Count (54)
 UserId="1207" --> Word Count (13)
 UserId="1207" --> Word Count (1)
 UserId="172" Comment="edited body" --> Word Count (167)
 UserId="1155" Comment="Name of the methods must be in capital letters" --> Word
 Count (56)
 UserId="1207" Comment="added 29 characters in body" --> Word Count (60)
 UserId="941" --> Word Count (77)
 UserId="941" --> Word Count (4)
 UserId="941" --> Word Count (1)
 UserId="478" --> Word Count (88)
 UserId="1155" --> Word Count (117)
 UserId="1155" --> Word Count (63)
 UserId="1208" --> Word Count (41)
 UserId="1208" --> Word Count (13)
 UserId="1208" --> Word Count (1)
 UserId="97" Comment="Adding more relevant tags." --> Word Count (1)
 UserId="84" Comment="Adding more relevant tags." --> Word Count (1)
 UserId="984" --> Word Count (116)
 UserId="84" Comment="Fixed grammar, and improving formatting." --> Word Count
 (98)
 UserId="84" Comment="Fixed grammar, and improving formatting." --> Word Count
 (9)
 UserId="84" Comment="Fixed grammar, and improving formatting." --> Word Count
 (66)
 UserId="84" Comment="Fixed grammar, and improving formatting." --> Word Count
 (12)
 UserId="434" --> Word Count (228)
 UserId="434" Comment="deleted 11 characters in body" --> Word Count (227)
 UserId="434" Comment="edited tags" --> Word Count (1)
 UserId="434" --> Word Count (215)
 UserId="838" --> Word Count (57)
 UserId="838" --> Word Count (13)

UserId="838" --> Word Count (1)
 UserId="1220" --> Word Count (70)
 UserId="1223" --> Word Count (152)
 UserId="1223" --> Word Count (3)
 UserId="1223" --> Word Count (1)
 UserId="1223" Comment="deleted 25 characters in body" --> Word Count (147)
 UserId="836" --> Word Count (170)
 UserId="836" --> Word Count (11)
 UserId="836" --> Word Count (1)
 UserId="984" Comment="added 86 characters in body" --> Word Count (129)
 UserId="1223" Comment="deleted 73 characters in body" --> Word Count (135)
 UserId="1224" --> Word Count (86)
 UserId="1223" Comment="deleted 1 character in body" --> Word Count (135)
 UserId="838" Comment="added 213 characters in body" --> Word Count (95)
 UserId="84" Comment="Improving formatting." --> Word Count (172)
 UserId="941" Comment="added features for "gold standard dataset"" -->
 Word Count (228)
 UserId="941" --> Word Count (244)
 UserId="1085" --> Word Count (140)
 UserId="836" Comment="explain that I already cross-validate" --> Word Count
 (238)
 UserId="836" Comment="edited body" --> Word Count (238)
 UserId="1085" Comment="Updated according to comments and edited second
 paragraph." --> Word Count (171)
 UserId="1235" --> Word Count (120)
 UserId="1235" --> Word Count (7)
 UserId="1235" --> Word Count (1)
 UserId="968" --> Word Count (135)
 UserId="1237" --> Word Count (144)
 UserId="1240" --> Word Count (160)
 UserId="1240" --> Word Count (7)
 UserId="1240" --> Word Count (1)
 UserId="97" --> Word Count (147)
 UserId="97" Comment="Add more details to answer." --> Word Count (216)
 UserId="322" Comment="code blocks instead of quotes for fixed width alignment;
 "clustering" is a better tag than "clusters"" --> Word
 Count (192)
 UserId="322" Comment="code blocks instead of quotes for fixed width alignment;
 "clustering" is a better tag than "clusters"" --> Word
 Count (1)
 UserId="97" Comment="Get header back" --> Word Count (6)
 UserId="1193" --> Word Count (259)
 UserId="21" --> Word Count (105)
 UserId="322" Comment="took my best shot... can't parse the third sentence" -->
 Word Count (101)
 UserId="322" Comment="prob -> propagation, some grammar" --> Word Count (86)
 UserId="953" --> Word Count (125)
 UserId="21" Comment="appended answer 505 as supplemental" --> Word Count (560)

UserId="553" --> Word Count (71)
 UserId="1085" --> Word Count (701)
 UserId="474" --> Word Count (265)
 UserId="474" --> Word Count (9)
 UserId="474" --> Word Count (1)
 UserId="1223" Comment="added 38 characters in body; edited title" --> Word Count (135)
 UserId="1223" Comment="added 38 characters in body; edited title" --> Word Count (14)
 UserId="454" --> Word Count (309)
 UserId="454" Comment="Appended Hadoop server name to CDH" --> Word Count (310)
 UserId="816" --> Word Count (23)
 UserId="1155" --> Word Count (126)
 UserId="843" --> Word Count (253)
 UserId="843" --> Word Count (186)
 UserId="62" --> Word Count (890)
 UserId="609" --> Word Count (85)
 UserId="1107" Comment="Added a python version, not sure it works as intended" --> Word Count (327)
 UserId="941" Comment="Added a python version, not sure it works as intended, simplified python version" --> Word Count (360)
 UserId="1271" --> Word Count (121)
 UserId="1271" --> Word Count (4)
 UserId="1271" --> Word Count (1)
 UserId="21" --> Word Count (105)
 UserId="1273" --> Word Count (179)
 UserId="1273" --> Word Count (8)
 UserId="1273" --> Word Count (1)
 UserId="1085" --> Word Count (124)
 UserId="684" --> Word Count (131)
 UserId="684" --> Word Count (9)
 UserId="684" --> Word Count (1)
 UserId="684" --> Word Count (90)
 UserId="684" Text="Dataset for Named Entity Recognition on Informal" --> Word Count (1)
 UserId="684" --> Word Count (1)
 UserId="159" --> Word Count (204)
 UserId="127" --> Word Count (167)
 UserId="754" --> Word Count (216)
 UserId="754" --> Word Count (6)
 UserId="754" --> Word Count (1)
 UserId="754" Comment="edited body; edited title" --> Word Count (216)
 UserId="754" Comment="edited body; edited title" --> Word Count (6)
 UserId="754" Comment="deleted 5 characters in body" --> Word Count (216)
 UserId="178" --> Word Count (29)
 UserId="1283" --> Word Count (297)
 UserId="1283" --> Word Count (7)
 UserId="1283" --> Word Count (1)

UserId="984" --> Word Count (104)
 UserId="984" --> Word Count (49)
 UserId="172" --> Word Count (62)
 UserId="24" Comment="Just tightening things up a bit to improve readability"
 --> Word Count (271)
 UserId="172" --> Word Count (122)
 UserId="172" --> Word Count (86)
 UserId="133" --> Word Count (163)
 UserId="133" --> Word Count (6)
 UserId="133" --> Word Count (1)
 UserId="964" --> Word Count (134)
 UserId="1300" --> Word Count (337)
 UserId="1300" --> Word Count (5)
 UserId="1300" --> Word Count (1)
 UserId="964" Comment="added 4 characters in body" --> Word Count (135)
 UserId="1301" --> Word Count (212)
 UserId="133" --> Word Count (72)
 UserId="133" --> Word Count (11)
 UserId="133" --> Word Count (1)
 UserId="843" Comment="deleted 7 characters in body" --> Word Count (185)
 UserId="1306" Text="I would like to use another type of data, not atomic data,
 as a feature for a prediction. 
Suppose I have a Table with those
 Features:
- Column 1: Categorical - House
- Column 2:
 Numerical - 23.22
- Column 3: A Vector - [12, 22, 32]
-
 Column 4: A Tree - [[2323, 2323],[2323, 2323] , [Boolean, Categorical]
]
- Column 5: A List [122, Boolean]
I would like to
 predict/classify ... Columns 2 ... for example...

I am
 making a Software to automatically respond questions... Any type...like
 "Where Foo was Born ?" ...

I first make a query to
 a search engine --->>> then I get some --> Word Count (103)
 UserId="1306" --> Word Count (5)
 UserId="1306" --> Word Count (1)
 UserId="322" Comment="formatting, grammar, spelling" --> Word Count (340)
 UserId="322" Comment="formatting, grammar, spelling" --> Word Count (7)
 UserId="1289" --> Word Count (71)
 UserId="1235" --> Word Count (456)
 UserId="1235" --> Word Count (5)
 UserId="1235" --> Word Count (1)
 UserId="1314" --> Word Count (125)
 UserId="1314" --> Word Count (6)
 UserId="1314" --> Word Count (1)
 UserId="1315" --> Word Count (270)
 UserId="1315" --> Word Count (13)
 UserId="1315" --> Word Count (1)
 UserId="375" --> Word Count (172)
 UserId="1319" --> Word Count (106)
 UserId="1319" --> Word Count (9)
 UserId="1319" --> Word Count (1)

UserId="434" Comment="deleted 306 characters in body; edited title" --> Word Count (127)
 UserId="434" Comment="deleted 306 characters in body; edited title" --> Word Count (10)
 UserId="1111" --> Word Count (100)
 UserId="786" --> Word Count (81)
 UserId="984" --> Word Count (325)
 UserId="1329" --> Word Count (32)
 UserId="1315" Comment="Added new question: question 2" --> Word Count (360)
 UserId="375" Comment="Added Example" --> Word Count (591)
 UserId="548" --> Word Count (247)
 UserId="1315" Comment="added 240 characters in body" --> Word Count (396)
 UserId="1334" --> Word Count (63)
 UserId="1334" --> Word Count (8)
 UserId="1334" --> Word Count (1)
 UserId="1334" Comment="edited title" --> Word Count (12)
 UserId="870" --> Word Count (145)
 UserId="870" --> Word Count (6)
 UserId="870" --> Word Count (1)
 UserId="609" --> Word Count (195)
 UserId="1279" --> Word Count (180)
 UserId="434" Comment="minor grammar and spelling" --> Word Count (184)
 UserId="1355" --> Word Count (201)
 UserId="974" --> Word Count (507)
 UserId="974" --> Word Count (10)
 UserId="974" --> Word Count (1)
 UserId="1097" --> Word Count (37)
 UserId="1097" --> Word Count (11)
 UserId="1097" --> Word Count (1)
 UserId="1097" --> Word Count (69)
 UserId="1097" --> Word Count (13)
 UserId="1097" --> Word Count (1)
 UserId="1279" --> Word Count (66)
 UserId="1360" --> Word Count (128)
 UserId="906" --> Word Count (115)
 UserId="906" --> Word Count (10)
 UserId="906" --> Word Count (1)
 UserId="1367" --> Word Count (191)
 UserId="1273" --> Word Count (416)
 UserId="1273" --> Word Count (4)
 UserId="1273" --> Word Count (1)
 UserId="1273" Comment="deleted 12 characters in body" --> Word Count (416)
 UserId="574" --> Word Count (67)
 UserId="1367" Comment="Show debugging session" --> Word Count (993)
 UserId="548" --> Word Count (220)
 UserId="1367" --> Word Count (182)
 UserId="548" --> Word Count (525)
 UserId="1301" --> Word Count (158)

UserId="1301" --> Word Count (321)
 UserId="1301" --> Word Count (113)
 UserId="1301" --> Word Count (177)
 UserId="989" --> Word Count (31)
 UserId="989" --> Word Count (6)
 UserId="989" --> Word Count (1)
 UserId="684" --> Word Count (119)
 UserId="322" Comment="grammar overhaul, well-formatted formula, add tags" -->
 Word Count (414)
 UserId="322" Comment="grammar overhaul, well-formatted formula, add tags" -->
 Word Count (6)
 UserId="322" Comment="grammar overhaul, well-formatted formula, add tags" -->
 Word Count (1)
 UserId="199" --> Word Count (60)
 UserId="199" --> Word Count (5)
 UserId="199" --> Word Count (1)
 UserId="1379" --> Word Count (100)
 UserId="1384" --> Word Count (98)
 UserId="1386" --> Word Count (288)
 UserId="1386" --> Word Count (3)
 UserId="1386" --> Word Count (1)
 UserId="645" --> Word Count (102)
 UserId="645" --> Word Count (4)
 UserId="645" --> Word Count (1)
 UserId="1367" --> Word Count (253)
 UserId="1390" --> Word Count (86)
 UserId="728" --> Word Count (192)
 UserId="728" --> Word Count (4)
 UserId="728" --> Word Count (1)
 UserId="1399" --> Word Count (87)
 UserId="684" Comment="added 89 characters in body" --> Word Count (128)
 UserId="84" Comment="Improving formatting." --> Word Count (102)
 UserId="84" Comment="Improving formatting." --> Word Count (1)
 UserId="1352" Comment="removed "thanks""; --> Word Count (395)
 UserId="322" Comment="proofreading grammar" --> Word Count (173)
 UserId="322" Comment="proofreading grammar" --> Word Count (9)
 UserId="322" Comment="More explicit title, some grammar" --> Word Count (121)
 UserId="322" Comment="More explicit title, some grammar" --> Word Count (6)
 UserId="1163" Comment="Formatted text" Text="I would like to use another type of
 data, not atomic data, as a feature for a prediction. 
Suppose I have a
 Table with those Features:
<pre>
- Column 1: Categorical
 - House
- Column 2: Numerical - 23.22
- Column 3: A Vector - [
 12, 22, 32]
- Column 4: A Tree - [[2323, 2323],[2323, 2323] , [
 Boolean, Categorical]]
- Column 5: A List [122, Boolean
]
</pre>
I would like to predict/classify ... Columns 2
 ... for example...

I am making a Software to automatically
 respond questions... Any type...like "Where Foo was Born ?";
 ...

I first make a query to a search engine --->>>

then I get some --> Word Count (103)

UserId="84" Comment="Formatted text" Text="I would like to use another type of data, not atomic data, as a feature for a prediction. 
Suppose I have a Table with those Features:
<pre>
- Column 1: Categorical - House
- Column 2: Numerical - 23.22
- Column 3: A Vector - [12, 22, 32]
- Column 4: A Tree - [[2323, 2323],[2323, 2323] , [Boolean, Categorical]]
- Column 5: A List [122, Boolean]
</pre>
I would like to predict/classify ... Columns 2 ... for example...

I am making a Software to automatically respond questions... Any type...like "Where Foo was Born ?"; ...

I first make a query to a search engine --->>>; then I get some --> Word Count (102)

UserId="84" Comment="Improving formatting." --> Word Count (187)

UserId="684" --> Word Count (27)

UserId="84" --> Word Count (239)

UserId="84" Comment="Improving writing." --> Word Count (149)

UserId="1131" --> Word Count (46)

UserId="979" --> Word Count (46)

UserId="979" Text="Commercial --> Word Count (3)

UserId="979" --> Word Count (1)

UserId="836" --> Word Count (234)

UserId="836" --> Word Count (13)

UserId="836" --> Word Count (1)

UserId="836" Comment="added 187 characters in body" --> Word Count (269)

UserId="984" --> Word Count (314)

UserId="1015" Comment="deleted 72 characters in body" --> Word Count (70)

UserId="984" Comment="Explained the figure" --> Word Count (378)

UserId="1314" --> Word Count (44)

UserId="1314" --> Word Count (4)

UserId="1314" --> Word Count (1)

UserId="984" Comment="added 9 characters in body" --> Word Count (378)

UserId="2433" --> Word Count (105)

UserId="434" --> Word Count (61)

UserId="989" --> Word Count (72)

UserId="989" --> Word Count (9)

UserId="989" --> Word Count (1)

UserId="133" --> Word Count (241)

UserId="133" --> Word Count (6)

UserId="133" --> Word Count (1)

UserId="133" Comment="edited title" --> Word Count (7)

UserId="684" --> Word Count (87)

UserId="97" Comment="More relevant tags." --> Word Count (1)

UserId="84" Comment="Improving writing." --> Word Count (245)

UserId="684" Comment="added 299 characters in body" --> Word Count (139)

UserId="2443" --> Word Count (164)

UserId="434" Text="There are a couple of open source options I know of - 

LibOTS - <http://libots.sourceforge.net/>

DocSum -

<http://docsum.sourceforge.net/docsum/web/about.php>

A couple
of commercial solutions - 

Intellix Summarizer Pro - http://summarizer.intellexer.com/order_summarizer_pro.php

Copernic
Summarizer -
<http://www.copernic.com/en/products/summarizer/>

And this one
is a web service - 

 --> Word Count (46)
UserId="548" --> Word Count (253)
UserId="2452" --> Word Count (138)
UserId="2452" Comment="Added info on DataCombine package." --> Word Count (139)
UserId="127" --> Word Count (19)
UserId="172" --> Word Count (183)
UserId="172" --> Word Count (44)
UserId="2458" --> Word Count (158)
UserId="2458" --> Word Count (10)
UserId="2458" --> Word Count (1)
UserId="2452" Comment="Added info on DataCombine. Moved URLs from comments to
the answer." --> Word Count (118)
UserId="2459" --> Word Count (98)
UserId="2452" --> Word Count (143)
UserId="375" --> Word Count (415)
UserId="2458" Comment="added 4 characters in body" --> Word Count (158)
UserId="2458" Comment="added 49 characters in body" --> Word Count (169)
UserId="84" --> Word Count (296)
UserId="84" --> Word Count (6)
UserId="84" --> Word Count (1)
UserId="84" Comment="Adding tags" --> Word Count (1)
UserId="84" Comment="added 6 characters in body" --> Word Count (297)
UserId="84" Comment="Repharsing the question." --> Word Count (323)
UserId="84" Comment="Repharsing the question." --> Word Count (12)
UserId="2471" --> Word Count (224)
UserId="2471" --> Word Count (8)
UserId="2471" --> Word Count (1)
UserId="1279" --> Word Count (144)
UserId="471" --> Word Count (99)
UserId="548" Comment="General Grammar and punctuation clean up" Text="I would
like to use non-atomic data, as a feature for a prediction. 
Suppose I
have a Table with these features:
<pre>
- Column 1:
Categorical - House
- Column 2: Numerical - 23.22
- Column 3:
A Vector - [12, 22, 32]
- Column 4: A Tree - [[2323, 2323],[2323,
2323] , [Boolean, Categorical]]
- Column 5: A List [122, Boolean
]
</pre>
I would like to predict/classify ... Column 2
... for example...

I am making something to automatically
respond to questions, any type of question, like "Where was Foo Born?"
...

I first make a query to a search engine --->>>
then I get some --> Word Count (102)
UserId="548" Comment="General Grammar and punctuation clean up" --> Word Count
(4)
UserId="1279" Comment="added 1 character in body" --> Word Count (144)

UserId="21" --> Word Count (170)
 UserId="1367" --> Word Count (459)
 UserId="802" --> Word Count (132)
 UserId="802" --> Word Count (3)
 UserId="802" --> Word Count (1)
 UserId="375" Comment="Suggested Edits" --> Word Count (472)
 UserId="2485" --> Word Count (48)
 UserId="2489" --> Word Count (238)
 UserId="2489" --> Word Count (11)
 UserId="2489" --> Word Count (1)
 UserId="1350" --> Word Count (94)
 UserId="381" --> Word Count (36)
 UserId="2452" --> Word Count (220)
 UserId="791" --> Word Count (130)
 UserId="2507" --> Word Count (50)
 UserId="2507" --> Word Count (8)
 UserId="2507" --> Word Count (1)
 UserId="989" --> Word Count (87)
 UserId="989" --> Word Count (7)
 UserId="989" --> Word Count (1)
 UserId="2452" --> Word Count (97)
 UserId="791" --> Word Count (127)
 UserId="2511" --> Word Count (137)
 UserId="2511" --> Word Count (8)
 UserId="2511" --> Word Count (1)
 UserId="728" --> Word Count (59)
 UserId="728" --> Word Count (4)
 UserId="728" --> Word Count (1)
 UserId="1387" --> Word Count (283)
 UserId="1387" --> Word Count (6)
 UserId="1387" --> Word Count (1)
 UserId="941" --> Word Count (68)
 UserId="2452" --> Word Count (83)
 UserId="2489" --> Word Count (49)
 UserId="2513" --> Word Count (47)
 UserId="1387" Comment="deleted 7 characters in body; edited tags" --> Word Count (282)
 UserId="1387" Comment="deleted 7 characters in body; edited tags" --> Word Count (1)
 UserId="97" Comment="Re-tag to more relevant." --> Word Count (1)
 UserId="84" Comment="Re-tag to more relevant." --> Word Count (235)
 UserId="1367" Comment="Remove capitals and simplify the formulation" --> Word Count (229)
 UserId="322" Comment="make the title, citation, and quoted material all explicit and internal; fix equation formatting" --> Word Count (221)
 UserId="322" Comment="make the title, citation, and quoted material all explicit and internal; fix equation formatting" --> Word Count (11)
 UserId="322" Comment="make the title, citation, and quoted material all explicit

and internal; fix equation formatting" --> Word Count (1)

UserId="84" Comment="make the title, citation, and quoted material all explicit and internal; fix equation formatting" --> Word Count (218)

UserId="375" Comment="Answered the Question" --> Word Count (580)

UserId="984" --> Word Count (180)

UserId="2515" --> Word Count (175)

UserId="325" --> Word Count (92)

UserId="895" --> Word Count (78)

UserId="895" --> Word Count (9)

UserId="895" --> Word Count (1)

UserId="2452" --> Word Count (545)

UserId="1315" --> Word Count (118)

UserId="1315" --> Word Count (14)

UserId="1315" --> Word Count (1)

UserId="2533" --> Word Count (175)

UserId="2533" --> Word Count (6)

UserId="2533" --> Word Count (1)

UserId="131" --> Word Count (347)

UserId="131" --> Word Count (6)

UserId="131" --> Word Count (1)

UserId="1329" --> Word Count (138)

UserId="2452" Comment="Minor updates: added emphasis (*italics*) for some software project titles." --> Word Count (545)

UserId="2452" Comment="Fixed typo." --> Word Count (545)

UserId="131" Comment="edited title" --> Word Count (5)

UserId="802" --> Word Count (59)

UserId="159" --> Word Count (65)

UserId="2544" --> Word Count (86)

UserId="2544" Comment="Added more infos about Sumatra" --> Word Count (240)

<DELETE> --> Word Count (370)

<DELETE> --> Word Count (115)

<DELETE> --> Word Count (52)

<DELETE> --> Word Count (113)

UserId="1333" Comment="spelling error in title" --> Word Count (8)

UserId="154" --> Word Count (68)

UserId="2452" --> Word Count (120)

UserId="2575" --> Word Count (424)

UserId="2544" Comment="Added talk about setup replicability" --> Word Count (383)

UserId="2583" --> Word Count (44)

UserId="553" Comment="adding a better tag for career-related questions" --> Word Count (1)

UserId="2599" --> Word Count (150)

UserId="2599" --> Word Count (7)

UserId="2599" --> Word Count (1)

UserId="890" --> Word Count (54)

UserId="890" --> Word Count (6)

UserId="890" --> Word Count (1)

UserId="2600" --> Word Count (65)
UserId="2452" --> Word Count (189)
UserId="548" --> Word Count (214)
UserId="2452" --> Word Count (156)
UserId="2604" --> Word Count (174)
UserId="2604" --> Word Count (9)
UserId="2604" --> Word Count (1)
UserId="989" --> Word Count (39)
UserId="989" --> Word Count (10)
UserId="989" --> Word Count (1)
UserId="941" --> Word Count (74)
UserId="2567" --> Word Count (66)
UserId="2567" --> Word Count (3)
UserId="2567" --> Word Count (1)
UserId="2614" --> Word Count (118)
UserId="2614" --> Word Count (5)
UserId="2614" --> Word Count (1)
UserId="84" Comment="Improving question." --> Word Count (45)
UserId="84" Comment="Improving question." --> Word Count (1)
UserId="434" --> Word Count (253)
UserId="434" Comment="added 55 characters in body" --> Word Count (264)
UserId="802" --> Word Count (49)
UserId="381" --> Word Count (53)
UserId="921" --> Word Count (90)
UserId="921" --> Word Count (3)
UserId="921" --> Word Count (1)
UserId="743" --> Word Count (86)
UserId="2643" --> Word Count (16)
UserId="2643" --> Word Count (7)
UserId="2643" --> Word Count (1)
UserId="2648" --> Word Count (135)
UserId="375" --> Word Count (455)
UserId="2433" --> Word Count (249)
UserId="548" --> Word Count (337)
UserId="381" --> Word Count (49)
UserId="381" --> Word Count (306)
UserId="381" --> Word Count (46)
UserId="2433" --> Word Count (97)
UserId="1163" --> Word Count (112)
UserId="1163" --> Word Count (9)
UserId="1163" --> Word Count (1)
UserId="381" --> Word Count (25)
UserId="381" Comment="deleted 9 characters in body" --> Word Count (303)
UserId="1117" --> Word Count (12)
UserId="1117" --> Word Count (9)
UserId="1117" --> Word Count (1)
UserId="2452" --> Word Count (82)
UserId="2653" --> Word Count (82)

UserId="2653" --> Word Count (6)
 UserId="2653" --> Word Count (1)
 UserId="548" --> Word Count (508)
 UserId="2452" Comment="Fixed typo." --> Word Count (83)
 UserId="2452" Comment="Re-phrased sentences for more clarity." --> Word Count (91)
 UserId="1117" Text="i want to become a ****data scientist****. I studied applied ****statistics**** (actuarial science), so i have a great statistical background (regression, stochastic process, time series, just for mention a few). But now, I am going to do a master degree in ****Computer Science**** focus in Intelligent Systems.

Here is my study plan:
-Machine learning
-Advanced machine learning
-Data mining
-Fuzzy logic
-Recommendation Systems
-Distributed Data Systems
-Cloud Computing
-Knowledge discovery
-Business Intelligence
-Information retrieval
- --> Word Count (29)
 UserId="1117" --> Word Count (7)
 UserId="1117" --> Word Count (1)
 UserId="809" Comment="Removing off-topic request to provide dataset (e.g., do his work for him) and slightly fixing grammar." --> Word Count (68)
 UserId="921" Comment="Removing off-topic request to provide dataset (e.g., do his work for him) and slightly fixing grammar." --> Word Count (71)
 UserId="2452" --> Word Count (56)
 UserId="2452" Comment="Improved wording." --> Word Count (72)
 UserId="2661" --> Word Count (101)
 UserId="2661" --> Word Count (11)
 UserId="2661" --> Word Count (1)
 UserId="2661" Comment="added 307 characters in body" --> Word Count (155)
 UserId="2513" --> Word Count (173)
 UserId="192" --> Word Count (53)
 UserId="192" --> Word Count (6)
 UserId="192" --> Word Count (1)
 UserId="471" --> Word Count (46)
 UserId="2452" --> Word Count (125)
 UserId="2643" Comment="added 58 characters in body" --> Word Count (26)
 UserId="471" Comment="Made the title correct and saved ppl from counting zeroes." --> Word Count (7)
 UserId="906" --> Word Count (203)
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 UserId="941" --> Word Count (97)
 UserId="471" --> Word Count (240)
 UserId="95" --> Word Count (193)
 UserId="95" --> Word Count (11)
 UserId="95" --> Word Count (1)
 UserId="2544" Comment="added Vagrant as an opensource alternative to Docker"

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--> Word Count (409)
UserId="471" --> Word Count (300)
UserId="178" --> Word Count (275)
UserId="95" --> Word Count (82)
UserId="95" --> Word Count (9)
UserId="95" --> Word Count (1)
UserId="95" Comment="added 179 characters in body" --> Word Count (110)
UserId="178" Comment="Add ethics tag" --> Word Count (1)
UserId="1279" --> Word Count (234)
UserId="1192" --> Word Count (39)
UserId="1192" --> Word Count (12)
UserId="1192" --> Word Count (1)
UserId="325" --> Word Count (40)
UserId="548" --> Word Count (104)
UserId="192" --> Word Count (70)
UserId="1314" --> Word Count (82)
UserId="1314" --> Word Count (4)
UserId="1314" --> Word Count (1)
UserId="471" --> Word Count (67)
UserId="366" --> Word Count (43)
UserId="366" --> Word Count (3)
UserId="366" --> Word Count (1)
UserId="366" Comment="Added URL" --> Word Count (44)
UserId="2702" --> Word Count (200)
UserId="2702" --> Word Count (6)
UserId="2702" --> Word Count (1)
UserId="325" --> Word Count (144)
UserId="322" Comment="correct misspelled tag, remove tag from title, grammar"
--> Word Count (210)
UserId="322" Comment="correct misspelled tag, remove tag from title, grammar"
--> Word Count (8)
UserId="322" Comment="correct misspelled tag, remove tag from title, grammar"
--> Word Count (1)
UserId="1131" --> Word Count (54)
UserId="1131" --> Word Count (8)
UserId="1131" --> Word Count (1)
UserId="2711" --> Word Count (248)
UserId="2604" Comment="Update 2014-07-25" --> Word Count (211)
UserId="2452" --> Word Count (317)
UserId="471" --> Word Count (55)
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UserId="1314" --> Word Count (128)
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UserId="21" Comment="101" --> Word Count (2)
UserId="974" --> Word Count (75)
UserId="974" --> Word Count (10)
UserId="974" --> Word Count (1)

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UserId="974" Comment="Asked for code" --> Word Count (188)
 UserId="381" --> Word Count (167)
 UserId="2702" Comment="added 87 characters in body" --> Word Count (216)
 UserId="2725" --> Word Count (87)
 UserId="2725" --> Word Count (4)
 UserId="2725" --> Word Count (1)
 UserId="2452" --> Word Count (174)
 UserId="2726" --> Word Count (163)
 UserId="2726" --> Word Count (10)
 UserId="2726" --> Word Count (1)
 UserId="2726" Comment="added 120 characters in body" --> Word Count (170)
 UserId="1279" --> Word Count (309)
 UserId="1279" --> Word Count (55)
 UserId="816" --> Word Count (59)
 UserId="62" Comment="105" --> Word Count (1)
 UserId="62" Comment="Tag not relevant." --> Word Count (1)
 UserId="62" Comment="105" --> Word Count (1)
 UserId="924" --> Word Count (119)
 UserId="2575" --> Word Count (190)
 UserId="2523" Comment="Copy edited (e.g. ref.
 <http://en.wikipedia.org/wiki/NoSQL>). Added some context. Removed
 unnecessary formatting. " --> Word Count (357)
 UserId="553" Comment="adding a career tag" --> Word Count (1)
 UserId="1352" Comment="apt = appropriate" --> Word Count (87)
 UserId="548" --> Word Count (196)
 UserId="2523" Comment="Copy edited. Added some context." --> Word Count (31)
 UserId="2523" Comment="Copy edited. Added some context." --> Word Count (7)
 UserId="2744" --> Word Count (79)
 UserId="2744" --> Word Count (7)
 UserId="2744" --> Word Count (1)
 UserId="2750" --> Word Count (150)
 UserId="2750" --> Word Count (5)
 UserId="2750" --> Word Count (1)
 UserId="791" --> Word Count (259)
 UserId="2452" --> Word Count (215)
 UserId="684" --> Word Count (189)
 UserId="2643" --> Word Count (18)
 UserId="2643" --> Word Count (6)
 UserId="2643" --> Word Count (1)
 UserId="1241" --> Word Count (30)
 <DELETE> --> Word Count (122)
 <DELETE> --> Word Count (187)
 UserId="82" --> Word Count (112)
 UserId="95" Comment="added 1811 characters in body" --> Word Count (383)
 UserId="684" Comment="added 193 characters in body" --> Word Count (219)
 UserId="95" Comment="edited title" --> Word Count (8)
 UserId="95" Comment="edited title" --> Word Count (388)
 UserId="1279" --> Word Count (483)

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<DELETE> --> Word Count (17)
<DELETE> --> Word Count (8)
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UserId="988" --> Word Count (49)
UserId="988" --> Word Count (7)
UserId="988" --> Word Count (1)
UserId="2781" --> Word Count (281)
UserId="2781" --> Word Count (10)
UserId="2781" --> Word Count (1)
UserId="2785" --> Word Count (52)
UserId="2785" --> Word Count (9)
UserId="2785" --> Word Count (1)
UserId="2781" Comment="Added an example data frame" --> Word Count (811)
UserId="2787" --> Word Count (40)
UserId="84" Comment="Adding programming language." --> Word Count (1)
UserId="2790" --> Word Count (235)
UserId="2790" --> Word Count (5)
UserId="2790" --> Word Count (1)
UserId="381" --> Word Count (80)
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UserId="2792" --> Word Count (6)
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<DELETE> --> Word Count (109)
<DELETE> --> Word Count (8)
<DELETE> --> Word Count (1)
UserId="609" --> Word Count (33)
UserId="2781" Comment="Added a plaintext version of the table and an explanation
for the codes." --> Word Count (3866)
UserId="1241" --> Word Count (67)
UserId="2798" --> Word Count (60)
UserId="2798" --> Word Count (11)
UserId="2798" --> Word Count (1)
UserId="1279" --> Word Count (151)
UserId="434" --> Word Count (255)
UserId="172" --> Word Count (100)
UserId="1279" --> Word Count (293)
UserId="403" --> Word Count (103)
UserId="2614" --> Word Count (205)
UserId="2614" --> Word Count (4)
UserId="2614" --> Word Count (1)
UserId="2614" --> Word Count (51)
UserId="2452" --> Word Count (168)
UserId="776" --> Word Count (196)
UserId="776" --> Word Count (9)
UserId="776" --> Word Count (1)

```

UserId="2452" --> Word Count (75)
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 UserId="2452" Comment="Added info on 'dplyr' and 'data.table' packages." -->
 Word Count (119)
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 UserId="2809" --> Word Count (41)
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 UserId="62" Comment="102" --> Word Count (1)
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 UserId="2817" --> Word Count (1)
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 UserId="816" --> Word Count (593)
 UserId="816" --> Word Count (83)
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 UserId="1097" --> Word Count (124)
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 UserId="2830" --> Word Count (12)
 UserId="2830" --> Word Count (1)
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 UserId="2452" --> Word Count (157)
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 UserId="816" --> Word Count (336)
 UserId="2574" --> Word Count (421)
 UserId="108" --> Word Count (118)
 UserId="1156" --> Word Count (109)
 UserId="1156" --> Word Count (385)
 UserId="816" Comment="added crammer's v" --> Word Count (682)
 UserId="2841" --> Word Count (142)
 UserId="2841" --> Word Count (13)
 UserId="2841" --> Word Count (1)
 UserId="2841" Comment="edited title" --> Word Count (14)
 UserId="172" --> Word Count (158)
 UserId="802" --> Word Count (220)

UserId="802" --> Word Count (8)
 UserId="802" --> Word Count (1)
 UserId="2452" --> Word Count (113)
 UserId="84" Comment="deleted 16 characters in body; edited title" --> Word Count (219)
 UserId="84" Comment="deleted 16 characters in body; edited title" --> Word Count (8)
 UserId="97" --> Word Count (56)
 UserId="97" --> Word Count (9)
 UserId="97" --> Word Count (1)
 UserId="979" --> Word Count (48)
 UserId="979" Text="SUMMARIST: Automated" --> Word Count (2)
 UserId="979" --> Word Count (1)
 UserId="97" --> Word Count (71)
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 UserId="97" --> Word Count (1)
 UserId="2850" --> Word Count (78)
 UserId="2850" --> Word Count (15)
 UserId="2850" --> Word Count (1)
 UserId="979" --> Word Count (54)
 UserId="802" --> Word Count (955)
 UserId="984" --> Word Count (117)
 UserId="984" Comment="deleted 4 characters in body" --> Word Count (116)
 UserId="2853" --> Word Count (267)
 UserId="2854" --> Word Count (94)
 UserId="2854" --> Word Count (13)
 UserId="2854" --> Word Count (1)
 UserId="2854" --> Word Count (51)
 UserId="802" --> Word Count (51)
 UserId="2838" --> Word Count (82)
 UserId="2452" Comment="Updated the answer, based on comment by the question's author." --> Word Count (198)
 UserId="2724" --> Word Count (207)
 UserId="2724" Comment="added 4 characters in body" --> Word Count (207)
 UserId="2724" Comment="added 56 characters in body" --> Word Count (218)
 UserId="2817" --> Word Count (75)
 UserId="2861" --> Word Count (40)
 UserId="2533" --> Word Count (94)
 UserId="2533" --> Word Count (11)
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 UserId="2863" --> Word Count (21)
 UserId="2792" --> Word Count (60)
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 UserId="2792" --> Word Count (1)
 UserId="2854" --> Word Count (35)
 UserId="2854" --> Word Count (7)
 UserId="2854" --> Word Count (1)
 UserId="172" --> Word Count (39)

UserId="172" --> Word Count (65)
 UserId="2873" --> Word Count (194)
 UserId="2873" --> Word Count (11)
 UserId="2873" --> Word Count (1)
 UserId="156" Comment="Probably the intended indented (sic!) formatting " Text="i want to become a **data scientist**. I studied applied **statistics** (actuarial science), so i have a great statistical background (regression, stochastic process, time series, just for mention a few). But now, I am going to do a master degree in **Computer Science** focus in Intelligent Systems.

Here is my study plan:

 - Machine learning
 - Advanced machine learning
 - Data mining
 - Fuzzy logic
 - Recommendation Systems
 - Distributed Data Systems
 - Cloud Computing
 - Knowledge discovery
 - Business Intelligence
-Information retrieval
- --> Word Count (29)
 UserId="21" Comment="Probably the intended indented (sic!) formatting " Text="i want to become a **data scientist**. I studied applied **statistics** (actuarial science), so i have a great statistical background (regression, stochastic process, time series, just for mention a few). But now, I am going to do a master degree in **Computer Science** focus in Intelligent Systems.

Here is my study plan:

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 - Distributed Data Systems
 - Cloud Computing
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 - Business Intelligence
 - Information retrieval
 - --> Word Count (29)
 UserId="1156" Comment="added more relevant tags" --> Word Count (1)
 UserId="1333" Comment="Formatted the code properly." --> Word Count (80)
 UserId="97" Comment="Add relevant tag" --> Word Count (1)
 UserId="21" Comment="105" --> Word Count (2)
 UserId="2452" --> Word Count (129)
 UserId="1156" --> Word Count (130)
 UserId="21" Comment="deleted 47 characters in body" --> Word Count (43)
 UserId="2452" Comment="Improved wording." --> Word Count (146)
 UserId="816" --> Word Count (57)
 UserId="2878" --> Word Count (316)
 UserId="2878" --> Word Count (3)
 UserId="2878" --> Word Count (1)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="21" Comment="105" --> Word Count (2)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="97" Comment="Adding relevant tags." --> Word Count (1)
 UserId="2883" --> Word Count (509)
 UserId="2883" --> Word Count (10)
 UserId="2883" --> Word Count (1)
 UserId="1279" --> Word Count (611)
 UserId="1281" --> Word Count (110)
 UserId="1281" --> Word Count (8)

UserId="1281" --> Word Count (1)
 UserId="1281" Comment="added 24 characters in body" --> Word Count (113)
 UserId="2433" --> Word Count (117)
 UserId="2433" --> Word Count (8)
 UserId="2433" --> Word Count (1)
 UserId="2841" --> Word Count (272)
 UserId="1279" --> Word Count (447)
 UserId="62" Comment="104" --> Word Count (1)
 UserId="1279" Comment="added 1 character in body" --> Word Count (447)
 UserId="979" --> Word Count (52)
 UserId="979" --> Word Count (4)
 UserId="979" --> Word Count (1)
 UserId="979" --> Word Count (12)
 UserId="979" Text="Coreference Resolution for German" --> Word Count (1)
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 UserId="989" --> Word Count (194)
 UserId="989" --> Word Count (4)
 UserId="989" --> Word Count (1)
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 UserId="2913" --> Word Count (166)
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 UserId="1279" --> Word Count (94)
 UserId="1279" --> Word Count (8)
 UserId="1279" --> Word Count (1)
 UserId="1279" Comment="added 512 characters in body; edited tags" --> Word Count (163)
 UserId="1279" Comment="added 512 characters in body; edited tags" --> Word Count (1)
 UserId="1279" Comment="added 512 characters in body; edited tags" --> Word Count (145)
 UserId="2916" --> Word Count (55)
 UserId="2916" --> Word Count (9)
 UserId="2916" --> Word Count (1)
 UserId="2920" --> Word Count (79)
 UserId="2920" --> Word Count (4)
 UserId="2920" --> Word Count (1)
 UserId="2920" --> Word Count (64)
 UserId="2923" --> Word Count (51)
 UserId="2923" --> Word Count (9)
 UserId="2923" --> Word Count (1)
 UserId="21" Text="**" --> Word Count (134)
 UserId="979" Comment="added 245 characters in body" Text="does anybody know a library for performing coreference resolution on German texts?

As far as I know OpenNLP and Standord NLP are not able to perform coreference resolution for German" --> Word Count (16)
 UserId="1279" --> Word Count (145)
 UserId="2920" Comment="added 346 characters in body" --> Word Count (127)

UserId="84" Comment="Minor formatting changes." --> Word Count (52)
 UserId="2928" --> Word Count (288)
 UserId="2928" --> Word Count (3)
 UserId="2928" --> Word Count (1)
 UserId="2928" Comment="edited title" --> Word Count (3)
 UserId="2928" Comment="deleted 248 characters in body" --> Word Count (239)
 UserId="322" Comment="polished grammar" --> Word Count (238)
 UserId="322" Comment="polished grammar" --> Word Count (9)
 UserId="2928" --> Word Count (97)
 UserId="2948" --> Word Count (27)
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 UserId="2948" --> Word Count (1)
 UserId="2949" --> Word Count (52)
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 UserId="2949" --> Word Count (1)
 UserId="1242" --> Word Count (166)
 UserId="1242" --> Word Count (8)
 UserId="1242" --> Word Count (1)
 UserId="2452" --> Word Count (198)
 UserId="2452" Comment="Improved wording." --> Word Count (198)
 UserId="2452" Comment="Improved wording." --> Word Count (178)
 UserId="2949" Comment="Improved clarity" --> Word Count (87)
 UserId="1237" --> Word Count (217)
 UserId="725" --> Word Count (334)
 UserId="725" --> Word Count (6)
 UserId="725" --> Word Count (1)
 UserId="819" Text="> But I don't know what is difference between text
 classification and topic models in documents

Text
 classification is a form of supervised learning -- the set of possible classes
 are known/defined in advance and don't change.

Topic modeling
 is a form of unsupervised learning (akin to clustering) -- the set of possible
 topics are unknown apriori. They're defined as part of generating the topic
 models. With a non-deterministic algorithm like LDA, you'll get different topics
 each time you run the algorithm.

 --> Word Count (194)
 UserId="2958" --> Word Count (160)
 UserId="2958" --> Word Count (4)
 UserId="2958" --> Word Count (1)
 UserId="84" Comment="deleted 11 characters in body" --> Word Count (160)
 UserId="2452" --> Word Count (110)
 UserId="2452" Comment="Added info on NLTK library." --> Word Count (146)
 UserId="2452" Comment="Added UPDATE on algorithms." --> Word Count (249)
 UserId="2961" Comment="added tag summary" --> Word Count (16)
 UserId="2958" --> Word Count (209)
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 UserId="2972" --> Word Count (132)
 UserId="2972" --> Word Count (11)
 UserId="2972" --> Word Count (1)
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UserId="2916" --> Word Count (148)
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 UserId="2916" --> Word Count (1)
 UserId="2916" Comment="added 42 characters in body" --> Word Count (158)
 UserId="2961" Comment="added text" --> Word Count (254)
 UserId="2978" --> Word Count (583)
 UserId="2978" Comment="[Edit removed during grace period]" --> Word Count (583)
 UserId="2979" --> Word Count (215)
 UserId="2979" Text=" --> Word Count (7)
 UserId="2979" --> Word Count (1)
 UserId="1279" Comment="added 685 characters in body" --> Word Count (238)
 UserId="2985" --> Word Count (62)
 UserId="793" --> Word Count (150)
 UserId="793" --> Word Count (10)
 UserId="793" --> Word Count (1)
 UserId="2987" --> Word Count (50)
 UserId="1279" Comment="added 13 characters in body" --> Word Count (241)
 UserId="1279" --> Word Count (281)
 UserId="1241" --> Word Count (81)
 UserId="1241" --> Word Count (10)
 UserId="1241" --> Word Count (1)
 UserId="2853" --> Word Count (140)
 UserId="1256" --> Word Count (82)
 UserId="964" --> Word Count (71)
 UserId="1241" Comment="added 33 characters in body" --> Word Count (86)
 UserId="2997" --> Word Count (297)
 UserId="2972" --> Word Count (20)
 UserId="2972" --> Word Count (10)
 UserId="2972" --> Word Count (1)
 UserId="2969" --> Word Count (33)
 UserId="1237" --> Word Count (156)
 UserId="2969" --> Word Count (82)
 UserId="525" --> Word Count (54)
 UserId="2861" --> Word Count (178)
 UserId="2861" --> Word Count (6)
 UserId="2861" --> Word Count (1)
 UserId="1097" Text="I recently read [Similarity Measures for Short Segments of
 --> Word Count (99)
 UserId="1097" --> Word Count (9)
 UserId="1097" --> Word Count (1)
 UserId="2452" --> Word Count (46)
 UserId="2452" --> Word Count (581)
 UserId="2452" Comment="Added info on Rattle software." --> Word Count (600)
 UserId="97" Comment="Added relevant tags." --> Word Count (1)
 UserId="97" Comment="More relevant tags." --> Word Count (1)
 UserId="97" Comment="Added more relevant tags." --> Word Count (1)
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 UserId="867" --> Word Count (8)

UserId="867" --> Word Count (1)
 UserId="403" --> Word Count (48)
 UserId="471" --> Word Count (245)
 UserId="2861" --> Word Count (84)
 UserId="375" --> Word Count (222)
 UserId="375" --> Word Count (6)
 UserId="375" --> Word Count (1)
 UserId="895" --> Word Count (119)
 UserId="895" --> Word Count (8)
 UserId="895" --> Word Count (1)
 UserId="3030" --> Word Count (109)
 UserId="3030" --> Word Count (9)
 UserId="3030" --> Word Count (1)
 UserId="97" Comment="More relevant tags." --> Word Count (9)
 UserId="97" Comment="More relevant tags." --> Word Count (1)
 UserId="471" Comment="scraping not scrapping." --> Word Count (36)
 UserId="471" Comment="scraping not scrapping." --> Word Count (8)
 UserId="979" --> Word Count (106)
 UserId="3044" --> Word Count (148)
 UserId="3044" --> Word Count (9)
 UserId="3044" --> Word Count (1)
 UserId="3047" --> Word Count (154)
 UserId="3047" --> Word Count (5)
 UserId="3047" --> Word Count (1)
 UserId="941" --> Word Count (145)
 UserId="979" --> Word Count (178)
 UserId="21" Comment="edited tags" --> Word Count (1)
 UserId="1241" --> Word Count (73)
 UserId="1241" --> Word Count (12)
 UserId="1241" --> Word Count (1)
 UserId="1241" Comment="edited title" --> Word Count (12)
 UserId="3052" --> Word Count (168)
 UserId="3052" --> Word Count (5)
 UserId="3052" --> Word Count (1)
 UserId="1256" --> Word Count (241)
 UserId="3053" --> Word Count (153)
 UserId="3054" --> Word Count (85)
 UserId="3054" --> Word Count (4)
 UserId="3054" --> Word Count (1)
 UserId="3057" --> Word Count (26)
 UserId="3057" --> Word Count (23)
 UserId="3057" --> Word Count (1)
 UserId="2452" --> Word Count (18)
 UserId="2452" Comment="Added resources on the topic." --> Word Count (35)
 UserId="2452" Comment="Added resources on the topic." --> Word Count (39)
 UserId="3051" --> Word Count (165)
 UserId="97" Comment="Additional tags." --> Word Count (1)
 UserId="816" --> Word Count (96)

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UserId="2668" --> Word Count (309)
UserId="3064" --> Word Count (92)
UserId="3064" --> Word Count (13)
UserId="3064" --> Word Count (1)
UserId="609" --> Word Count (196)
UserId="3068" --> Word Count (461)
UserId="3068" --> Word Count (18)
UserId="3068" --> Word Count (1)
UserId="3070" --> Word Count (69)
UserId="3047" Comment="Introduced the word 'canonical' as suggested by Sean
Owen" --> Word Count (163)
UserId="3047" Comment="Introduced the word 'canonical' as suggested by Sean
Owen" --> Word Count (9)
UserId="1314" Text="I have created external table in Hive in the hdfs path
'hdfs://localhost.localdomain:8020/user/hive/training'. If I apply describe
command I can find the table path as shown below. But when I browse through the
namenode web page, the table name does not showing up in the
path.&#xD;&#xA;&#xD;&#xA; hive&gt; describe extended testtable4;&#xD;&#xA;
OK&#xD;&#xA;    firstname    string &#xD;&#xA;    lastname    string &#xD;&#xA;
address string &#xD;&#xA;    city    string &#xD;&#xA;    state    string
&#xD;&#xA;    country string &#xD;&#xA;    &#xD;&#xA;    ***Detailed Table
Information Table(tableName:testtable4, dbName:default, owner:cloudera,
createTime:1408765301, lastAccessTime:0, retention:0,
sd:StorageDescriptor(cols:[FieldSchema(name:firstname, type:string,
comment:null), FieldSchema(name:lastname, type:string, comment:null),
FieldSchema(name:address, type:string, comment:null), FieldSchema(name:city,
type:string, comment:null), FieldSchema(name:state, type:string, comment:null),
FieldSchema(name:country, type:string, comment:null)],
location:hdfs://localhost.localdomain:8020/user/hive/training,
inputFormat:org.apache.hadoop.mapred.TextInputFormat,
outputFormat:org.apache.hadoop.hive.ql.io.HiveIgnoreKeyTextOutputFormat,
compressed:false, numBuckets:-1, serdeInfo:SerDeInfo(name:null,
serializationLib:org.apache.hadoop.hive.serde2.lazy.LazySimpleSerDe,
parameters:{serialization.format=,, field.delim=,, line.delim=    &#xD;&#xA;
}), bucketCols:[], sortCols:[], parameters:{},
skewedInfo:SkewedInfo(skewedColNames:[], skewedColValues:[],
skewedColValueLocationMaps:{}), storedAsSubDirectories:false), partitionKeys:[],
parameters:{EXTERNAL=TRUE, transient_lastDdlTime=1408765301},
viewOriginalText:null, viewExpanded --> Word Count (20)
UserId="1314" --> Word Count (9)
UserId="1314" --> Word Count (1)
UserId="979" --> Word Count (81)
UserId="3070" Comment="edited body" --> Word Count (69)
UserId="471" --> Word Count (48)
UserId="471" Comment="added 353 characters in body" --> Word Count (110)
UserId="3058" --> Word Count (58)
UserId="3058" --> Word Count (11)
UserId="3058" --> Word Count (1)

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UserId="471" Comment="note data mining" --> Word Count (1)
 UserId="21" Comment="note data mining" --> Word Count (1)
 UserId="21" Comment="105" --> Word Count (2)
 UserId="3097" --> Word Count (31)
 UserId="3097" --> Word Count (17)
 UserId="3097" --> Word Count (1)
 UserId="3058" Comment="Clarifying title - to make it easier to find in searches"
 --> Word Count (9)
 UserId="3050" --> Word Count (28)
 UserId="3050" --> Word Count (5)
 UserId="3050" --> Word Count (1)
 UserId="3100" --> Word Count (20)
 UserId="3101" --> Word Count (254)
 UserId="3050" --> Word Count (32)
 UserId="870" Comment="added 534 characters in body" --> Word Count (209)
 UserId="3108" --> Word Count (163)
 UserId="3108" --> Word Count (11)
 UserId="3108" --> Word Count (1)
 UserId="819" --> Word Count (111)
 UserId="1281" --> Word Count (140)
 UserId="1281" --> Word Count (7)
 UserId="1281" --> Word Count (1)
 UserId="1350" --> Word Count (234)
 UserId="2668" --> Word Count (74)
 UserId="97" Comment="Additional related tags." --> Word Count (1)
 UserId="3077" --> Word Count (242)
 UserId="3077" --> Word Count (66)
 UserId="3128" --> Word Count (51)
 UserId="3128" --> Word Count (10)
 UserId="3128" --> Word Count (1)
 UserId="3055" --> Word Count (129)
 UserId="3055" --> Word Count (7)
 UserId="3055" --> Word Count (1)
 UserId="2668" --> Word Count (53)
 UserId="2961" Comment="improved formatting; edited title" --> Word Count (128)
 UserId="2961" Comment="improved formatting; edited title" --> Word Count (10)
 UserId="3133" --> Word Count (31)
 UserId="3133" --> Word Count (5)
 UserId="3133" --> Word Count (1)
 UserId="924" --> Word Count (272)
 UserId="3077" Comment="added 145 characters in body" --> Word Count (268)
 UserId="924" --> Word Count (71)
 UserId="924" --> Word Count (292)
 UserId="924" --> Word Count (493)
 UserId="924" Comment="added 422 characters in body" --> Word Count (372)
 UserId="3152" --> Word Count (165)
 UserId="3153" --> Word Count (86)
 UserId="3150" --> Word Count (16)

UserId="3169" --> Word Count (245)
UserId="3169" --> Word Count (5)
UserId="3169" --> Word Count (1)
UserId="2511" --> Word Count (83)
UserId="2511" --> Word Count (4)
UserId="2511" --> Word Count (1)
UserId="3178" --> Word Count (19)
UserId="3178" --> Word Count (10)
UserId="3178" --> Word Count (1)
UserId="3181" --> Word Count (102)
UserId="802" --> Word Count (48)
UserId="802" --> Word Count (5)
UserId="802" --> Word Count (1)
UserId="676" --> Word Count (235)
UserId="676" --> Word Count (5)
UserId="676" --> Word Count (1)
UserId="3203" --> Word Count (90)
UserId="3203" --> Word Count (4)
UserId="3203" --> Word Count (1)
UserId="3211" --> Word Count (36)
UserId="3213" --> Word Count (163)
UserId="3215" --> Word Count (101)
UserId="3215" --> Word Count (3)
UserId="3215" --> Word Count (1)
UserId="2920" --> Word Count (83)
UserId="2920" --> Word Count (7)
UserId="2920" --> Word Count (1)
UserId="3216" --> Word Count (750)
UserId="3216" --> Word Count (7)
UserId="3216" --> Word Count (1)
UserId="3152" --> Word Count (102)
UserId="819" --> Word Count (76)
UserId="1279" --> Word Count (637)
UserId="1256" --> Word Count (37)
UserId="3232" --> Word Count (112)
UserId="3232" --> Word Count (6)
UserId="3232" --> Word Count (1)
UserId="819" --> Word Count (73)
UserId="609" --> Word Count (190)
UserId="609" --> Word Count (181)
UserId="387" --> Word Count (95)
UserId="387" --> Word Count (3)
UserId="387" --> Word Count (1)
UserId="3244" --> Word Count (60)
UserId="3244" --> Word Count (4)
UserId="3244" --> Word Count (1)
UserId="2487" --> Word Count (124)
UserId="2487" --> Word Count (5)

UserId="2487" --> Word Count (1)
UserId="3108" --> Word Count (257)
UserId="3108" --> Word Count (10)
UserId="3108" --> Word Count (1)
UserId="3108" Comment="edited title" --> Word Count (10)
UserId="3250" --> Word Count (141)
UserId="3250" --> Word Count (8)
UserId="3250" --> Word Count (1)
UserId="819" --> Word Count (88)
UserId="2487" --> Word Count (130)
UserId="2487" Comment="added 2 characters in body" --> Word Count (124)
UserId="3259" --> Word Count (26)
UserId="21" --> Word Count (76)
UserId="3263" --> Word Count (521)
UserId="3263" --> Word Count (5)
UserId="3263" --> Word Count (1)
UserId="979" --> Word Count (116)
UserId="2487" Comment="edited tags" --> Word Count (1)
UserId="2785" --> Word Count (119)
UserId="2785" --> Word Count (7)
UserId="2785" --> Word Count (1)
UserId="819" --> Word Count (20)
UserId="3279" --> Word Count (85)
UserId="3279" --> Word Count (3)
UserId="3279" --> Word Count (1)
UserId="3283" --> Word Count (459)
UserId="3283" --> Word Count (6)
UserId="3283" --> Word Count (1)
UserId="3284" --> Word Count (147)
UserId="3284" --> Word Count (10)
UserId="3284" --> Word Count (1)
UserId="97" --> Word Count (62)
UserId="97" --> Word Count (8)
UserId="97" --> Word Count (1)
UserId="97" --> Word Count (536)
UserId="97" --> Word Count (9)
UserId="97" --> Word Count (1)
UserId="816" --> Word Count (73)
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UserId="3289" --> Word Count (10)
UserId="3289" --> Word Count (1)
UserId="3294" --> Word Count (122)
UserId="36" --> Word Count (90)
UserId="36" --> Word Count (11)
UserId="36" --> Word Count (1)
UserId="92" --> Word Count (43)
UserId="381" Comment="copy edit title" --> Word Count (7)
UserId="97" Comment="deleted 15 characters in body" --> Word Count (534)

UserId="97" --> Word Count (278)
 UserId="97" --> Word Count (66)
 UserId="97" --> Word Count (7)
 UserId="97" --> Word Count (1)
 UserId="3314" --> Word Count (44)
 UserId="97" Comment="Make edits based on feedback in comments" --> Word Count (81)
 UserId="2969" --> Word Count (303)
 UserId="609" --> Word Count (76)
 UserId="3321" --> Word Count (190)
 UserId="3321" --> Word Count (8)
 UserId="3321" --> Word Count (1)
 UserId="3054" --> Word Count (155)
 UserId="3054" --> Word Count (8)
 UserId="3054" --> Word Count (1)
 UserId="2853" Comment="gbm() is not in the caret (not CARET) package, but in gbm. Corrected this." --> Word Count (537)
 UserId="3325" --> Word Count (104)
 UserId="3325" --> Word Count (4)
 UserId="3325" --> Word Count (1)
 UserId="1279" --> Word Count (128)
 UserId="3326" --> Word Count (453)
 UserId="3328" --> Word Count (97)
 UserId="3328" --> Word Count (8)
 UserId="3328" --> Word Count (1)
 UserId="97" Comment="Add more relevant tags" --> Word Count (1)
 UserId="3328" Comment="Clarification." --> Word Count (97)
 UserId="3315" --> Word Count (57)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="3328" Comment="Commas to breathe. :)" --> Word Count (97)
 UserId="609" --> Word Count (95)
 UserId="3336" --> Word Count (28)
 UserId="3336" --> Word Count (11)
 UserId="3336" --> Word Count (1)
 UserId="97" --> Word Count (18)
 UserId="3343" --> Word Count (684)
 UserId="3343" --> Word Count (5)
 UserId="3343" --> Word Count (1)
 UserId="3328" Comment="More info on what I mean by 'an algebra'" --> Word Count (244)
 UserId="3328" Comment="added 12 characters in body" --> Word Count (245)
 UserId="381" --> Word Count (227)
 UserId="381" Comment="edited body" --> Word Count (227)
 UserId="2475" --> Word Count (47)
 UserId="2475" --> Word Count (6)
 UserId="2475" --> Word Count (1)
 UserId="816" --> Word Count (63)
 UserId="819" --> Word Count (27)

UserId="816" --> Word Count (203)
 UserId="3057" --> Word Count (101)
 UserId="3057" --> Word Count (10)
 UserId="3057" --> Word Count (1)
 UserId="97" --> Word Count (62)
 UserId="97" Comment="More inforamation" --> Word Count (131)
 UserId="97" Comment="add link to higher resolution picture" --> Word Count (137)
 UserId="97" Comment="Retag, reformulate." --> Word Count (23)
 UserId="97" Comment="Retag, reformulate." --> Word Count (11)
 UserId="97" Comment="Retag, reformulate." --> Word Count (1)
 UserId="97" Comment="Add relevant tags." --> Word Count (10)
 UserId="97" Comment="Add relevant tags." --> Word Count (1)
 UserId="84" Comment="added 76 characters in body; edited tags" --> Word Count (50)
 UserId="84" Comment="added 76 characters in body; edited tags" --> Word Count (1)
 UserId="3361" UserDisplayName="Scortchi" --> Word Count (115)
 UserId="1256" --> Word Count (85)
 UserId="3360" UserDisplayName="Vinay Tiwari" --> Word Count (232)
 UserId="3360" UserDisplayName="Vinay Tiwari" --> Word Count (10)
 UserId="3360" UserDisplayName="Vinay Tiwari" --> Word Count (1)
 UserId="381" Comment="deleted 42 characters in body" --> Word Count (221)
 UserId="1279" --> Word Count (343)
 UserId="1138" --> Word Count (74)
 UserId="1138" --> Word Count (8)
 UserId="1138" --> Word Count (1)
 UserId="3376" --> Word Count (69)
 UserId="3054" --> Word Count (175)
 UserId="3054" Text=" --> Word Count (8)
 UserId="3054" --> Word Count (1)
 UserId="1237" --> Word Count (113)
 UserId="3390" --> Word Count (34)
 UserId="3390" --> Word Count (4)
 UserId="3390" --> Word Count (1)
 UserId="97" Comment="Add more information, corrected spelling error in tag." --> Word Count (156)
 UserId="97" Comment="Add more information, corrected spelling error in tag." --> Word Count (1)
 UserId="97" Comment="minor changes in spelling" --> Word Count (157)
 UserId="819" --> Word Count (200)
 UserId="3400" --> Word Count (66)
 UserId="3400" --> Word Count (375)
 UserId="3400" --> Word Count (4)
 UserId="3400" --> Word Count (1)
 UserId="3411" --> Word Count (162)
 UserId="3411" --> Word Count (7)
 UserId="3411" --> Word Count (1)

UserId="21" Comment="deleted 16 characters in body" --> Word Count (34)
 UserId="3167" --> Word Count (59)
 UserId="3167" --> Word Count (7)
 UserId="3167" --> Word Count (1)
 UserId="3430" Text="If I understand you correctly, I would try a few
 featurization methods to transform the text column to a numeric value. Then you
 can proceed with analysis as usual. There is a great book on NLP called [Taming
 --> Word Count (15)
 UserId="3430" --> Word Count (133)
 UserId="3430" --> Word Count (85)
 UserId="1256" --> Word Count (86)
 UserId="381" --> Word Count (57)
 UserId="3433" --> Word Count (47)
 UserId="3433" --> Word Count (15)
 UserId="3433" --> Word Count (1)
 UserId="2853" Comment="mainly: changed "Octabe" to "Octave"
 so search engines will find this" --> Word Count (57)
 UserId="384" Comment="corrected some words" --> Word Count (108)
 UserId="3436" --> Word Count (33)
 UserId="3436" --> Word Count (7)
 UserId="3436" --> Word Count (1)
 UserId="1256" --> Word Count (95)
 UserId="3436" Comment="added 65 characters in body; edited title" --> Word
 Count (61)
 UserId="3436" Comment="added 65 characters in body; edited title" --> Word
 Count (6)
 UserId="979" --> Word Count (48)
 UserId="1279" --> Word Count (612)
 UserId="3167" Comment="edit again..." --> Word Count (59)
 UserId="3167" Comment="edit again..." --> Word Count (9)
 UserId="3436" Comment="added 6 characters in body" --> Word Count (62)
 UserId="3412" --> Word Count (45)
 UserId="1279" Comment="added 33 characters in body" --> Word Count (617)
 UserId="1256" Comment="correction" --> Word Count (94)
 UserId="1097" --> Word Count (105)
 UserId="1097" --> Word Count (7)
 UserId="1097" --> Word Count (1)
 UserId="3433" Comment="Precising the question" --> Word Count (58)
 UserId="3445" --> Word Count (154)
 UserId="3445" --> Word Count (6)
 UserId="3445" --> Word Count (1)
 UserId="295" --> Word Count (137)
 UserId="295" --> Word Count (9)
 UserId="295" --> Word Count (1)
 UserId="1256" --> Word Count (342)
 UserId="924" --> Word Count (201)
 UserId="3459" --> Word Count (89)
 UserId="3459" --> Word Count (4)

UserId="3459" --> Word Count (1)
 UserId="3466" --> Word Count (172)
 UserId="609" --> Word Count (164)
 UserId="21" --> Word Count (69)
 UserId="3473" --> Word Count (34)
 UserId="3473" --> Word Count (9)
 UserId="3473" --> Word Count (1)
 UserId="515" --> Word Count (100)
 UserId="3482" --> Word Count (83)
 UserId="3482" --> Word Count (6)
 UserId="3482" --> Word Count (1)
 UserId="890" --> Word Count (30)
 UserId="2471" --> Word Count (46)
 UserId="2471" --> Word Count (11)
 UserId="2471" --> Word Count (1)
 UserId="3498" --> Word Count (95)
 UserId="3498" --> Word Count (9)
 UserId="3498" --> Word Count (1)
 UserId="3499" --> Word Count (62)
 UserId="3499" --> Word Count (10)
 UserId="3499" --> Word Count (1)
 UserId="403" --> Word Count (82)
 UserId="3482" Comment="added 432 characters in body" --> Word Count (146)
 UserId="3503" --> Word Count (557)
 UserId="3503" --> Word Count (8)
 UserId="3503" --> Word Count (1)
 UserId="1138" Comment="edited body" --> Word Count (74)
 UserId="3504" --> Word Count (377)
 UserId="3504" --> Word Count (10)
 UserId="3504" --> Word Count (1)
 UserId="3506" --> Word Count (227)
 UserId="3506" --> Word Count (4)
 UserId="3506" --> Word Count (1)
 UserId="3507" --> Word Count (52)
 UserId="3507" --> Word Count (7)
 UserId="3507" --> Word Count (1)
 UserId="3457" --> Word Count (36)
 UserId="24" --> Word Count (186)
 UserId="84" Comment="deleted 11 characters in body" --> Word Count (225)
 UserId="84" Comment="deleted 49 characters in body" --> Word Count (55)
 UserId="3503" --> Word Count (643)
 UserId="3503" --> Word Count (5)
 UserId="3503" --> Word Count (1)
 UserId="84" Comment="deleted 52 characters in body" --> Word Count (50)
 UserId="84" Comment="Improving question." --> Word Count (164)
 UserId="84" Comment="Improving question." --> Word Count (6)
 UserId="37" Comment="Using mathml" --> Word Count (128)
 UserId="3510" --> Word Count (226)

UserId="3510" --> Word Count (6)
 UserId="3510" --> Word Count (1)
 UserId="3513" --> Word Count (143)
 UserId="3513" --> Word Count (15)
 UserId="3513" --> Word Count (1)
 UserId="3514" --> Word Count (77)
 UserId="37" Comment="removed mathjax since it was not working, added image" -->
 Word Count (131)
 UserId="2576" --> Word Count (73)
 UserId="1241" --> Word Count (67)
 UserId="11" --> Word Count (12)
 UserId="984" --> Word Count (585)
 UserId="3436" --> Word Count (75)
 UserId="3436" --> Word Count (5)
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 UserId="3526" --> Word Count (61)
 UserId="3526" --> Word Count (8)
 UserId="3526" --> Word Count (1)
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 UserId="3530" --> Word Count (156)
 UserId="3530" --> Word Count (95)
 UserId="3530" --> Word Count (13)
 UserId="3530" --> Word Count (1)
 UserId="3530" --> Word Count (78)
 UserId="3530" --> Word Count (156)
 UserId="3530" --> Word Count (53)
 UserId="381" --> Word Count (121)
 UserId="3539" --> Word Count (107)
 UserId="3539" --> Word Count (6)
 UserId="3539" --> Word Count (1)
 UserId="3540" --> Word Count (137)
 UserId="3540" --> Word Count (7)
 UserId="3540" --> Word Count (1)
 UserId="3436" Comment="added 101 characters in body; edited title" --> Word
 Count (94)
 UserId="3436" Comment="added 101 characters in body; edited title" --> Word
 Count (9)
 UserId="3436" Comment="added 2 characters in body" --> Word Count (94)
 UserId="3550" --> Word Count (180)
 UserId="3550" --> Word Count (6)
 UserId="3550" --> Word Count (1)
 UserId="3466" --> Word Count (272)
 UserId="3466" --> Word Count (161)
 UserId="381" --> Word Count (91)
 UserId="381" Comment="added 139 characters in body" --> Word Count (131)
 UserId="3568" --> Word Count (148)
 UserId="3568" --> Word Count (6)
 UserId="3568" --> Word Count (1)

UserId="3568" --> Word Count (128)
 UserId="3580" --> Word Count (162)
 UserId="3580" --> Word Count (4)
 UserId="3580" --> Word Count (1)
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 UserId="3583" --> Word Count (246)
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 UserId="3587" --> Word Count (207)
 UserId="3587" --> Word Count (8)
 UserId="3587" --> Word Count (1)
 UserId="24" --> Word Count (71)
 UserId="381" --> Word Count (102)
 UserId="381" --> Word Count (44)
 UserId="3596" --> Word Count (75)
 UserId="3596" --> Word Count (248)
 UserId="3598" --> Word Count (26)
 UserId="3598" --> Word Count (14)
 UserId="3598" --> Word Count (1)
 UserId="381" Comment="added 248 characters in body" --> Word Count (129)
 UserId="3430" --> Word Count (108)
 UserId="3430" --> Word Count (18)
 UserId="3430" --> Word Count (1)
 UserId="3605" --> Word Count (145)
 UserId="3605" --> Word Count (4)
 UserId="3605" --> Word Count (1)
 UserId="1048" --> Word Count (31)
 UserId="1048" --> Word Count (134)
 UserId="1048" --> Word Count (13)
 UserId="1048" --> Word Count (1)
 UserId="1138" --> Word Count (112)
 UserId="1138" --> Word Count (6)
 UserId="1138" --> Word Count (1)
 UserId="2576" --> Word Count (121)
 UserId="2576" --> Word Count (7)
 UserId="2576" --> Word Count (1)
 UserId="3609" --> Word Count (49)
 UserId="3609" --> Word Count (134)
 UserId="819" --> Word Count (32)
 UserId="1154" --> Word Count (306)
 UserId="21" Comment="deleted 12 characters in body" --> Word Count (149)
 UserId="3615" --> Word Count (430)
 UserId="3615" --> Word Count (17)
 UserId="3615" --> Word Count (1)
 UserId="3615" Comment="edited tags" --> Word Count (1)
 UserId="92" --> Word Count (122)
 UserId="4618" --> Word Count (81)

UserId="4618" --> Word Count (6)
 UserId="4618" --> Word Count (1)
 UserId="3466" --> Word Count (141)
 UserId="4619" --> Word Count (221)
 UserId="4619" --> Word Count (9)
 UserId="4619" --> Word Count (1)
 UserId="21" Comment="edited tags" --> Word Count (1)
 UserId="4620" --> Word Count (206)
 UserId="4620" --> Word Count (6)
 UserId="4620" --> Word Count (1)
 UserId="4620" --> Word Count (128)
 UserId="1256" --> Word Count (51)
 UserId="381" --> Word Count (91)
 UserId="1256" --> Word Count (28)
 UserId="4619" Comment="added 524 characters in body" --> Word Count (315)
 UserId="381" Comment="added 141 characters in body" --> Word Count (114)
 UserId="1256" --> Word Count (123)
 UserId="1256" --> Word Count (7)
 UserId="1256" --> Word Count (1)
 UserId="1399" --> Word Count (75)
 UserId="1399" --> Word Count (64)
 UserId="1399" --> Word Count (59)
 UserId="1256" --> Word Count (96)
 UserId="3436" --> Word Count (78)
 UserId="3436" --> Word Count (11)
 UserId="3436" --> Word Count (1)
 UserId="4637" --> Word Count (31)
 UserId="4637" --> Word Count (4)
 UserId="4637" --> Word Count (1)
 UserId="3466" --> Word Count (10)
 UserId="24" Comment="spelling, grammar" --> Word Count (76)
 UserId="24" Comment="spelling, grammar" --> Word Count (12)
 UserId="381" --> Word Count (47)
 UserId="2961" --> Word Count (21)
 UserId="21" Comment="added 60 characters in body" --> Word Count (414)
 UserId="3159" --> Word Count (113)
 UserId="3159" --> Word Count (14)
 UserId="3159" --> Word Count (1)
 UserId="1279" --> Word Count (368)
 UserId="4619" --> Word Count (69)
 UserId="4619" --> Word Count (13)
 UserId="4619" --> Word Count (1)
 UserId="3466" --> Word Count (115)
 UserId="3609" --> Word Count (187)
 UserId="1256" Comment="correction" --> Word Count (123)
 UserId="1256" Comment="correction" --> Word Count (1)
 UserId="4619" --> Word Count (85)
 UserId="4619" --> Word Count (13)

UserId="4619" --> Word Count (1)
 UserId="4619" --> Word Count (16)
 UserId="906" --> Word Count (48)
 UserId="4619" Comment="deleted 24 characters in body; edited title" --> Word Count (82)
 UserId="4619" Comment="deleted 24 characters in body; edited title" --> Word Count (12)
 UserId="3317" --> Word Count (233)
 UserId="4662" --> Word Count (198)
 UserId="4662" --> Word Count (9)
 UserId="4662" --> Word Count (1)
 UserId="713" --> Word Count (74)
 UserId="713" --> Word Count (5)
 UserId="713" --> Word Count (1)
 UserId="2573" --> Word Count (161)
 UserId="4662" Comment="added 50 characters in body" --> Word Count (204)
 UserId="4668" --> Word Count (118)
 UserId="4668" --> Word Count (6)
 UserId="4668" --> Word Count (1)
 UserId="4668" Comment="edited body; edited tags; edited title" --> Word Count (118)
 UserId="4668" Comment="edited body; edited tags; edited title" --> Word Count (6)
 UserId="4668" Comment="edited body; edited tags; edited title" --> Word Count (1)
 UserId="3159" --> Word Count (134)
 UserId="3466" --> Word Count (222)
 UserId="3159" --> Word Count (154)
 UserId="3159" --> Word Count (3)
 UserId="3159" --> Word Count (1)
 UserId="4676" --> Word Count (117)
 UserId="4679" --> Word Count (100)
 UserId="2475" --> Word Count (68)
 UserId="2475" --> Word Count (12)
 UserId="2475" --> Word Count (1)
 UserId="1127" --> Word Count (79)
 UserId="1127" --> Word Count (9)
 UserId="1127" --> Word Count (1)
 UserId="4688" --> Word Count (48)
 UserId="3577" --> Word Count (151)
 UserId="3577" --> Word Count (9)
 UserId="3577" --> Word Count (1)
 UserId="3223" Text="I would like to learn both Python and R for usage in data science projects. 

I am currently unemployed, fresh out of university, scouting around for jobs and thought it would be good if I get some Kaggle projects under my profile.

However, I have very little knowledge in either language. Have used Matlab and C/C++ in the past. But I haven't produced production quality code or developed an application or software

in either language. It has been dirty coding for academic usage all along.

I have used a little bit of Python, in a university project, but I dont know the fundamentals like what is a package , etc etc. ie havent read the intricacies of the language using a standard Python --> Word Count (64)

UserId="3223" --> Word Count (5)
UserId="3223" --> Word Count (1)
UserId="4692" --> Word Count (21)
UserId="4692" --> Word Count (5)
UserId="4692" --> Word Count (1)
UserId="84" Comment="Improving writing." --> Word Count (112)
UserId="3317" --> Word Count (62)
UserId="3436" --> Word Count (27)
UserId="3436" --> Word Count (6)
UserId="3436" --> Word Count (1)
UserId="609" --> Word Count (97)
UserId="609" Comment="added reference to linearly inseparable n-classes XOR patterns, blog post" --> Word Count (136)
UserId="4705" --> Word Count (49)
UserId="4705" --> Word Count (6)
UserId="4705" --> Word Count (1)
UserId="4711" --> Word Count (118)
UserId="4717" --> Word Count (222)
UserId="4717" --> Word Count (13)
UserId="4717" --> Word Count (1)
UserId="4717" Comment="deleted 5 characters in body" --> Word Count (220)
UserId="4719" --> Word Count (119)
UserId="4719" --> Word Count (9)
UserId="4719" --> Word Count (1)
UserId="4719" --> Word Count (165)
UserId="4717" --> Word Count (220)
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UserId="4717" --> Word Count (1)
UserId="4724" --> Word Count (45)
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UserId="4736" --> Word Count (4)
UserId="4736" --> Word Count (1)
UserId="1138" --> Word Count (14)
UserId="1138" --> Word Count (4)
UserId="1138" --> Word Count (1)
UserId="381" --> Word Count (41)
UserId="381" --> Word Count (26)
UserId="381" --> Word Count (26)

UserId="4739" --> Word Count (119)
UserId="3443" --> Word Count (54)
UserId="3443" --> Word Count (15)
UserId="3443" --> Word Count (1)
UserId="2961" --> Word Count (26)
UserId="3443" Comment="added 746 characters in body" --> Word Count (206)
UserId="24" Comment="Tightening up the wording to make the question clearer.
Improved title and tags." --> Word Count (54)
UserId="24" Comment="Tightening up the wording to make the question clearer.
Improved title and tags." --> Word Count (6)
UserId="24" Comment="Tightening up the wording to make the question clearer.
Improved title and tags." --> Word Count (1)
UserId="883" Comment="reformulation" --> Word Count (47)
UserId="24" Comment="spelling and grammar corrections" --> Word Count (430)
UserId="24" Comment="spelling and grammar corrections" --> Word Count (13)
UserId="21" Comment="101" --> Word Count (3)
UserId="4705" Comment="added 148 characters in body" --> Word Count (71)
UserId="4705" Comment="added 1 character in body" --> Word Count (71)
UserId="1127" --> Word Count (38)
UserId="134" Comment="You don't need to put thanks, regards etc... " --> Word
Count (607)
UserId="3281" --> Word Count (880)
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UserId="3281" --> Word Count (1)
UserId="3281" Comment="added 24 characters in body" --> Word Count (884)
UserId="3281" Comment="added 1 character in body" --> Word Count (885)
UserId="4760" --> Word Count (49)
UserId="4774" --> Word Count (54)
UserId="4774" --> Word Count (4)
UserId="4774" --> Word Count (1)
UserId="4776" --> Word Count (82)
UserId="381" --> Word Count (121)
UserId="381" Comment="responded to comment" --> Word Count (268)
UserId="26" --> Word Count (97)
UserId="4779" --> Word Count (41)
UserId="21" Comment="deleted 16 characters in body; edited tags" --> Word Count
(20)
UserId="21" Comment="deleted 16 characters in body; edited tags" --> Word Count
(1)
UserId="21" --> Word Count (39)
UserId="21" Comment="edited tags" --> Word Count (1)
UserId="381" Comment="added 55 characters in body" --> Word Count (275)
UserId="4794" --> Word Count (127)
UserId="4794" --> Word Count (6)
UserId="4794" --> Word Count (1)
UserId="1223" --> Word Count (181)
UserId="1223" --> Word Count (3)
UserId="1223" --> Word Count (1)

UserId="4774" --> Word Count (20)
 UserId="4800" --> Word Count (203)
 UserId="4800" --> Word Count (3)
 UserId="4800" --> Word Count (1)
 UserId="1241" --> Word Count (99)
 UserId="3503" --> Word Count (263)
 UserId="3503" --> Word Count (5)
 UserId="3503" --> Word Count (1)
 UserId="4804" --> Word Count (89)
 UserId="4804" --> Word Count (10)
 UserId="4804" --> Word Count (1)
 UserId="4804" Comment="added 96 characters in body" --> Word Count (98)
 UserId="609" --> Word Count (299)
 UserId="21" --> Word Count (63)
 UserId="4811" --> Word Count (85)
 UserId="4811" --> Word Count (8)
 UserId="4811" --> Word Count (1)
 UserId="4813" --> Word Count (239)
 UserId="4813" --> Word Count (2)
 UserId="4813" --> Word Count (1)
 UserId="4815" --> Word Count (24)
 UserId="3281" --> Word Count (135)
 UserId="3281" --> Word Count (4)
 UserId="3281" --> Word Count (1)
 UserId="3281" Comment="added 891 characters in body" --> Word Count (321)
 UserId="3281" Comment="edited body" --> Word Count (321)
 UserId="3281" Comment="added 2 characters in body" --> Word Count (321)
 UserId="3503" Comment="added 254 characters in body" --> Word Count (255)
 UserId="3503" Comment="added 254 characters in body" --> Word Count (8)
 UserId="21" --> Word Count (150)
 UserId="4668" Comment="added 700 characters in body" --> Word Count (246)
 UserId="4724" --> Word Count (165)
 UserId="4724" Comment="added 56 characters in body" --> Word Count (209)
 UserId="3503" --> Word Count (149)
 UserId="4821" --> Word Count (124)
 UserId="4821" --> Word Count (10)
 UserId="4821" --> Word Count (1)
 UserId="847" --> Word Count (136)
 UserId="847" Comment="added 11 characters in body" --> Word Count (136)
 UserId="847" --> Word Count (144)
 UserId="3430" Comment="replaced latex with images" --> Word Count (149)
 UserId="4824" --> Word Count (158)
 UserId="4824" --> Word Count (7)
 UserId="4824" --> Word Count (1)
 UserId="1127" --> Word Count (76)
 UserId="847" --> Word Count (249)
 UserId="4824" --> Word Count (12)
 UserId="847" Comment="fixed grammar" --> Word Count (148)

UserId="836" --> Word Count (36)
 UserId="609" Text="Instead of "recursive neural nets with back propagation" you might consider the approach used by Frantzi, et. al. at National Centre for --> Word Count (24)
 UserId="88" --> Word Count (42)
 UserId="88" --> Word Count (8)
 UserId="88" --> Word Count (1)
 UserId="4839" --> Word Count (68)
 UserId="381" Comment="copy-edited the title" --> Word Count (6)
 UserId="381" Comment="copy-edited the title" --> Word Count (1)
 UserId="4808" --> Word Count (159)
 UserId="3281" --> Word Count (167)
 UserId="3281" Comment="added 2 characters in body" --> Word Count (173)
 UserId="4847" --> Word Count (16)
 UserId="1241" Comment="Revised final sentence." --> Word Count (105)
 UserId="1241" Comment="Revised final sentence." --> Word Count (161)
 UserId="21" Comment="105" --> Word Count (2)
 UserId="4717" --> Word Count (126)
 UserId="4717" --> Word Count (5)
 UserId="4717" --> Word Count (1)
 UserId="1241" --> Word Count (83)
 UserId="4852" --> Word Count (98)
 UserId="3281" Comment="added 1 character in body" --> Word Count (173)
 UserId="1241" Comment="expanded some paragraphs" --> Word Count (185)
 UserId="21" --> Word Count (141)
 UserId="4760" --> Word Count (190)
 UserId="4859" --> Word Count (115)
 UserId="4859" --> Word Count (6)
 UserId="4859" --> Word Count (1)
 UserId="847" --> Word Count (250)
 UserId="4621" --> Word Count (410)
 UserId="1241" Comment="Rewrote last paragraph to have questions that are more specific and that make this question more suitable for this forum. added "visualization" tag." --> Word Count (234)
 UserId="1241" Comment="Rewrote last paragraph to have questions that are more specific and that make this question more suitable for this forum. added "visualization" tag." --> Word Count (1)
 UserId="723" --> Word Count (196)
 UserId="723" --> Word Count (10)
 UserId="723" --> Word Count (1)
 UserId="723" Comment="edited body" --> Word Count (196)
 UserId="3211" --> Word Count (56)
 UserId="4808" Comment="Elaborated on the reasons that graphing is useful." --> Word Count (259)
 UserId="4717" --> Word Count (524)
 UserId="4717" Text="" --> Word Count (6)
 UserId="4717" --> Word Count (1)
 UserId="192" --> Word Count (14)

UserId="2452" --> Word Count (55)
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 UserId="4887" --> Word Count (67)
 UserId="4887" --> Word Count (5)
 UserId="4887" --> Word Count (1)
 UserId="4889" --> Word Count (103)
 UserId="4889" --> Word Count (4)
 UserId="4889" --> Word Count (1)
 UserId="4897" --> Word Count (548)
 UserId="21" Comment="deleted 8 characters in body; edited tags; edited title"
 --> Word Count (65)
 UserId="21" Comment="deleted 8 characters in body; edited tags; edited title"
 --> Word Count (5)
 UserId="21" Comment="deleted 8 characters in body; edited tags; edited title"
 --> Word Count (1)
 UserId="3106" --> Word Count (38)
 UserId="3106" --> Word Count (8)
 UserId="3106" --> Word Count (1)
 UserId="3159" --> Word Count (228)
 UserId="3159" --> Word Count (5)
 UserId="3159" --> Word Count (1)
 UserId="3106" Comment="added 45 characters in body" --> Word Count (48)
 UserId="4907" --> Word Count (74)
 UserId="4910" --> Word Count (49)
 UserId="4910" --> Word Count (4)
 UserId="4910" --> Word Count (1)
 UserId="4897" --> Word Count (134)
 UserId="4889" Comment="added 756 characters in body" --> Word Count (223)
 UserId="3051" --> Word Count (25)
 UserId="4836" --> Word Count (156)
 UserId="4836" --> Word Count (15)
 UserId="4836" --> Word Count (1)
 UserId="4929" --> Word Count (20)
 UserId="2853" --> Word Count (368)
 UserId="1097" --> Word Count (64)
 UserId="2853" --> Word Count (269)
 UserId="381" --> Word Count (130)
 UserId="4933" --> Word Count (207)
 UserId="4933" --> Word Count (11)
 UserId="4933" --> Word Count (1)
 UserId="847" --> Word Count (100)
 UserId="847" --> Word Count (159)
 UserId="4808" Comment="deleted 1 character in body" --> Word Count (259)
 UserId="1004" --> Word Count (143)
 UserId="1004" --> Word Count (6)
 UserId="1004" --> Word Count (1)
 UserId="381" --> Word Count (56)
 UserId="187" --> Word Count (11)

UserId="4760" --> Word Count (81)
 UserId="4943" --> Word Count (137)
 UserId="4944" --> Word Count (105)
 UserId="4947" --> Word Count (70)
 UserId="4947" --> Word Count (6)
 UserId="4947" --> Word Count (1)
 UserId="847" --> Word Count (73)
 UserId="847" Comment="added 225 characters in body" --> Word Count (97)
 UserId="82" --> Word Count (68)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="847" Comment="data size made clear" --> Word Count (75)
 UserId="97" Comment="Add more relevant tags" --> Word Count (1)
 UserId="2576" --> Word Count (29)
 UserId="4956" --> Word Count (166)
 UserId="4956" --> Word Count (3)
 UserId="4956" --> Word Count (1)
 UserId="3503" --> Word Count (93)
 UserId="3503" --> Word Count (6)
 UserId="3503" --> Word Count (1)
 UserId="836" Comment="Remove personal messages of urgency and thanks (the first may attract unwanted remarks, and never results in better or faster answers anyway)" --> Word Count (81)
 UserId="847" --> Word Count (122)
 UserId="1241" --> Word Count (111)
 UserId="847" Comment="explained the predictor and response variables for the example provided in the question " --> Word Count (91)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="4966" --> Word Count (143)
 UserId="4967" --> Word Count (58)
 UserId="4967" --> Word Count (10)
 UserId="4967" --> Word Count (1)
 UserId="4973" --> Word Count (152)
 UserId="4973" --> Word Count (5)
 UserId="4973" --> Word Count (1)
 UserId="4974" --> Word Count (70)
 UserId="381" --> Word Count (56)
 UserId="2576" --> Word Count (52)
 UserId="2576" --> Word Count (5)
 UserId="2576" --> Word Count (1)
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 UserId="3615" --> Word Count (1)
 UserId="4978" --> Word Count (17)
 UserId="136" --> Word Count (84)
 UserId="136" --> Word Count (4)
 UserId="136" --> Word Count (1)
 UserId="4760" --> Word Count (170)
 UserId="1241" --> Word Count (27)

UserId="4842" --> Word Count (59)
 UserId="847" Comment="edited the structure of the question to make the classification aspect of the problem clearer" --> Word Count (95)
 UserId="989" --> Word Count (63)
 UserId="989" --> Word Count (3)
 UserId="989" --> Word Count (1)
 UserId="989" Comment="deleted 2 characters in body" --> Word Count (63)
 UserId="273" --> Word Count (79)
 UserId="273" --> Word Count (10)
 UserId="273" --> Word Count (1)
 UserId="4999" --> Word Count (178)
 UserId="4999" --> Word Count (9)
 UserId="4999" --> Word Count (1)
 UserId="989" Comment="added 70 characters in body" --> Word Count (71)
 UserId="5004" --> Word Count (195)
 UserId="5004" --> Word Count (13)
 UserId="5004" --> Word Count (1)
 UserId="847" --> Word Count (156)
 UserId="847" --> Word Count (34)
 UserId="847" Comment="added 75 characters in body" --> Word Count (167)
 UserId="847" --> Word Count (127)
 UserId="847" --> Word Count (13)
 UserId="847" --> Word Count (1)
 UserId="847" Comment="fixed spelling error" --> Word Count (59)
 UserId="989" Comment="edited body" --> Word Count (59)
 UserId="989" Comment="edited body" --> Word Count (10)
 UserId="5012" Text="You can/should use a generic Java Architecture for XML Binding (JAXB) approach.

Simply put, call `Row#withContent(Object...)` with instances of `org.w3c.dom.Element` that represent the desired XML content.

For example:

 Document document = documentBuilder.newDocument();
 Element shortForm = document.createElement("shortForm");
 shortForm.setTextContent("m");
 Element longForm = document.createElement("longForm");
 longForm.set --> Word Count (8)
 UserId="1241" Comment="Added possible sources" --> Word Count (43)
 UserId="1241" Comment="Added suggestion about insurance databases" --> Word Count (84)
 UserId="782" --> Word Count (31)
 UserId="2576" Comment="added 761 characters in body" --> Word Count (241)
 UserId="847" Comment="added 21 characters in body" --> Word Count (130)
 UserId="5019" --> Word Count (200)
 UserId="5019" --> Word Count (5)
 UserId="5019" --> Word Count (1)
 UserId="5021" --> Word Count (317)
 UserId="5021" --> Word Count (220)
 UserId="5021" --> Word Count (207)

UserId="5022" --> Word Count (79)
 UserId="5022" --> Word Count (25)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="21" Comment="105" --> Word Count (2)
 UserId="21" Comment="edited tags; edited title" --> Word Count (9)
 UserId="21" Comment="edited tags; edited title" --> Word Count (1)
 UserId="847" --> Word Count (74)
 UserId="5027" --> Word Count (61)
 UserId="5027" --> Word Count (5)
 UserId="5027" --> Word Count (1)
 UserId="5029" --> Word Count (195)
 UserId="5029" --> Word Count (11)
 UserId="5029" --> Word Count (1)
 UserId="847" Comment="changed image to consider; image was probably meant to be
 imagine" --> Word Count (107)
 UserId="5038" --> Word Count (373)
 UserId="5038" --> Word Count (5)
 UserId="5038" --> Word Count (1)
 UserId="136" Comment="Rollback to [fcb78011-0100-4cd9-996d-f417447ebdb6]" -->
 Word Count (84)
 UserId="1279" --> Word Count (305)
 UserId="3377" --> Word Count (381)
 UserId="3377" --> Word Count (5)
 UserId="3377" --> Word Count (1)
 UserId="2961" Comment="improved formatting; edited title" --> Word Count (417)
 UserId="2961" Comment="improved formatting; edited title" --> Word Count (5)
 UserId="1256" Comment="added 9 characters in body; edited tags" --> Word Count
 (125)
 UserId="1256" Comment="added 9 characters in body; edited tags" --> Word Count
 (1)
 UserId="5042" --> Word Count (80)
 UserId="5042" --> Word Count (8)
 UserId="5042" --> Word Count (1)
 UserId="5041" --> Word Count (1513)
 UserId="5041" --> Word Count (251)
 UserId="5043" --> Word Count (252)
 UserId="5043" --> Word Count (16)
 UserId="5043" --> Word Count (1)
 UserId="5044" --> Word Count (212)
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 --> Word Count (267)

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 UserId="5023" --> Word Count (9)
 UserId="5023" --> Word Count (1)
 UserId="5027" Comment="added 177 characters in body; edited tags" --> Word Count (90)
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 UserId="5066" --> Word Count (2)
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 UserId="847" --> Word Count (48)
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 UserId="847" Comment="make thing clearer " --> Word Count (7)
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 UserId="3024" --> Word Count (9)
 UserId="3024" --> Word Count (1)
 UserId="3281" Comment="edited body" --> Word Count (306)
 UserId="3024" --> Word Count (84)
 UserId="3024" --> Word Count (8)
 UserId="3024" --> Word Count (1)
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 <DELETE> --> Word Count (131)
 <DELETE> --> Word Count (6)
 <DELETE> --> Word Count (1)
 UserId="5023" --> Word Count (60)
 UserId="2576" Comment="added 935 characters in body" --> Word Count (453)
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 UserId="5110" --> Word Count (59)
 UserId="5110" --> Word Count (9)
 UserId="5110" --> Word Count (1)
 UserId="847" Comment="variables must be referred to as predictors for the larger
 community; fixed some grammar" --> Word Count (74)
 UserId="5110" Comment="deleted 7 characters in body" --> Word Count (59)
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 UserId="5110" Comment="added 506 characters in body" --> Word Count (79)
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 UserId="5126" --> Word Count (1)
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 UserId="5132" --> Word Count (82)
 UserId="5132" --> Word Count (6)
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 UserId="4710" --> Word Count (272)
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 UserId="5133" --> Word Count (182)
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 UserId="5138" --> Word Count (5)
 UserId="5138" --> Word Count (1)
 UserId="381" --> Word Count (75)
 UserId="5041" --> Word Count (65)
 --> Word Count (199)
 UserId="5134" Comment="Response to comments" --> Word Count (618)
 UserId="4947" --> Word Count (50)
 UserId="4947" --> Word Count (6)
 UserId="4947" --> Word Count (1)
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 UserId="847" --> Word Count (166)
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 UserId="847" --> Word Count (10)
 UserId="847" --> Word Count (1)
 UserId="5099" --> Word Count (25)
 UserId="5099" --> Word Count (5)
 UserId="5099" --> Word Count (1)
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 UserId="84" Comment="added tag, made it look professional" --> Word Count (160)
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 UserId="587" --> Word Count (62)
 UserId="97" Comment="More detatils." --> Word Count (165)
 UserId="587" --> Word Count (93)
 UserId="5180" --> Word Count (131)
 UserId="5180" --> Word Count (14)
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 UserId="5182" --> Word Count (395)
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 UserId="5153" --> Word Count (221)
 UserId="5184" --> Word Count (98)
 UserId="5153" --> Word Count (240)
 UserId="5153" Comment="formatting" --> Word Count (227)
 UserId="5153" Comment="added 268 characters in body" --> Word Count (271)
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 UserId="5180" --> Word Count (107)
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 UserId="5198" --> Word Count (38)
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 UserId="97" --> Word Count (1)
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 UserId="1330" --> Word Count (12)
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 UserId="5224" --> Word Count (14)
 UserId="5224" --> Word Count (46)

UserId="5224" --> Word Count (18)
 UserId="5224" --> Word Count (1)
 UserId="5224" Comment="edited title" --> Word Count (19)
 UserId="5227" --> Word Count (108)
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 UserId="5227" --> Word Count (1)
 UserId="847" --> Word Count (153)
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 UserId="3281" --> Word Count (59)
 UserId="3281" --> Word Count (3)
 UserId="3281" --> Word Count (1)
 UserId="5091" --> Word Count (62)
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 UserId="5091" --> Word Count (1)
 UserId="5091" --> Word Count (17)
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 UserId="5241" --> Word Count (233)
 UserId="5241" --> Word Count (6)
 UserId="5241" --> Word Count (1)
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 UserId="5185" --> Word Count (1)
 UserId="5091" --> Word Count (19)
 UserId="5091" --> Word Count (7)
 UserId="5091" --> Word Count (1)
 UserId="5263" --> Word Count (215)
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 UserId="21" Comment="added 6 characters in body; edited tags" --> Word Count (19)
 UserId="21" Comment="added 6 characters in body; edited tags" --> Word Count (1)
 UserId="5263" --> Word Count (119)
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 UserId="5265" --> Word Count (90)
 UserId="5265" --> Word Count (5)
 UserId="5265" --> Word Count (1)
 UserId="5249" Comment="added 1479 characters in body" --> Word Count (289)
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UserId="5266" --> Word Count (8)
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 UserId="3466" --> Word Count (306)
 UserId="5268" --> Word Count (194)
 UserId="5268" Comment="via Vote" --> Word Count (1)
 UserId="5268" Comment="added 62 characters in body" --> Word Count (227)
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 UserId="5247" --> Word Count (237)
 UserId="5247" --> Word Count (9)
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 UserId="2724" --> Word Count (160)
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 UserId="5273" --> Word Count (66)
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 UserId="381" Comment="via Vote" --> Word Count (1)
 UserId="381" --> Word Count (1)
 UserId="381" Comment="added 781 characters in body" --> Word Count (205)
 UserId="381" Comment="added 70 characters in body" --> Word Count (207)
 UserId="819" --> Word Count (116)
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UserId="819" Text="In terms of open source NLG components, I'm most familiar with Mumble and FUF/SURGE. They've got both similarities and differences, so it's hard to say which is better...

 [Mumble] (<https://code.google.com/p/sparser/source/browse/#svn%2Ftrunk%2FMumble>):

 - written in Lisp
 - [EPL license] (<http://www.eclipse.org/legal/epl-v10.html>)
 - based on tree-adjointing grammar
 - focuses on linguistic message planning

 [FUF/SURGE] (<http://www.cs.bgu.ac.il/surge/index.html>):

 - written in Lisp
 - GPL license
 - based on functional unification grammar
 - focuses on syntactic realization

 Since it sounds like you're interested in abstractive summarization (which is much harder than traditional extractive summarization), I'd recommend the following academic papers:

 - [Text Generation for Abstractive Summarization] (<http://www.nist.gov/tac/publications/2010/participant.papers/Rali.proceedings.pdf>)
 - [Framework for Abstractive Summarization using Text-to- --> Word Count (34)

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UserId="2723" --> Word Count (9)

UserId="2723" --> Word Count (1)

UserId="5247" --> Word Count (238)

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UserId="5247" --> Word Count (76)

UserId="5247" Comment="added bit about why I recommend MongoDB " --> Word Count (93)

UserId="5247" Comment="added 135 characters in body" --> Word Count (307)

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UserId="5314" --> Word Count (1)
UserId="5266" --> Word Count (68)
UserId="819" --> Word Count (24)
UserId="5172" Comment="edited tags" --> Word Count (1)
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 earningTutorial" --> Word Count (55)
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 UserId="5091" --> Word Count (1)
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 Count (5)
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 UserId="6391" --> Word Count (132)
 UserId="2742" --> Word Count (139)
 UserId="2742" --> Word Count (11)
 UserId="2742" --> Word Count (1)
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 UserId="2961" Comment="improved formatting" --> Word Count (4)
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 UserId="84" Comment="Improving formatting" --> Word Count (187)

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 Word Count (63)
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 Word Count (4)
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 (109)
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 (6)
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 UserId="847" --> Word Count (129)
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 UserId="5091" --> Word Count (5)

UserId="5091" --> Word Count (1)
 UserId="847" --> Word Count (87)
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 UserId="847" --> Word Count (1)
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 UserId="5246" --> Word Count (13)
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 UserId="5199" --> Word Count (7)
 UserId="5199" --> Word Count (1)
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 UserId="1048" --> Word Count (1)
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UserId="-1" --> Word Count (1)
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 UserId="4724" --> Word Count (490)
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 UserId="2576" --> Word Count (88)
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 UserId="6646" --> Word Count (4)
 UserId="6646" --> Word Count (1)
 UserId="6391" --> Word Count (255)
 UserId="6391" --> Word Count (30)
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 UserId="6391" --> Word Count (171)
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 UserId="7786" --> Word Count (109)
 UserId="7786" --> Word Count (145)
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 UserId="7811" Comment="added 379 characters in body" --> Word Count (92)
 UserId="21" --> Word Count (66)
 UserId="6496" --> Word Count (39)
 UserId="6496" Comment="added 1 character in body" --> Word Count (39)
 UserId="7867" --> Word Count (136)
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 UserId="7867" --> Word Count (1)
 UserId="1367" --> Word Count (225)
 UserId="7867" Comment="deleted 2 characters in body; edited title" --> Word
 Count (136)
 UserId="7867" Comment="deleted 2 characters in body; edited title" --> Word
 Count (12)
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 UserId="7873" Comment="improved the question" --> Word Count (34)
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 UserId="-1" --> Word Count (1)
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 UserId="5143" --> Word Count (1)

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 UserId="97" --> Word Count (70)
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 UserId="97" --> Word Count (1)
 UserId="1156" --> Word Count (199)
 UserId="6646" Comment="added 1 character in body" --> Word Count (171)
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 UserId="587" --> Word Count (58)
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 UserId="7923" --> Word Count (1)
 UserId="1003" --> Word Count (52)
 UserId="2452" --> Word Count (68)
 UserId="2452" Comment="Added information on secondary tools." --> Word Count (98)
 UserId="4621" --> Word Count (386)
 UserId="4621" Comment="typo and clarification" --> Word Count (391)
 UserId="21" --> Word Count (21)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="7919" --> Word Count (32)
 UserId="7926" --> Word Count (40)
 UserId="1003" --> Word Count (132)
 UserId="7806" Comment="edited body" --> Word Count (82)
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 UserId="6644" --> Word Count (4)
 UserId="6644" --> Word Count (1)
 UserId="6644" Comment="added 10 characters in body" --> Word Count (171)
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 UserId="7944" --> Word Count (12)
 UserId="7944" --> Word Count (1)
 UserId="21" --> Word Count (56)
 UserId="1003" --> Word Count (213)
 UserId="1003" Comment="corrected some typos." --> Word Count (220)
 UserId="1003" Comment="Add 'svm' to tag list." --> Word Count (1)
 UserId="1367" Comment="Emphasize questions and separate them from list" --> Word Count (581)
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 UserId="5203" --> Word Count (1)

UserId="5203" Comment="edited tags" --> Word Count (1)
 UserId="5203" --> Word Count (36)
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 UserId="5203" --> Word Count (90)
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 UserId="5143" --> Word Count (259)
 UserId="2452" --> Word Count (387)
 UserId="5143" --> Word Count (54)
 UserId="5143" Comment="added 321 characters in body" --> Word Count (105)
 UserId="97" --> Word Count (17)
 UserId="7961" --> Word Count (132)
 UserId="7961" --> Word Count (11)
 UserId="7961" --> Word Count (1)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="97" Comment="Add more relevant tags" --> Word Count (1)
 UserId="7966" --> Word Count (115)
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 UserId="7966" --> Word Count (1)
 UserId="3430" --> Word Count (98)
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 UserId="3430" --> Word Count (1)
 UserId="964" --> Word Count (45)
 UserId="7969" --> Word Count (78)
 UserId="7972" --> Word Count (9)
 UserId="7979" Text="My company provides managed services to a lot of its clients. Our customers typically uses following monitoring tools to monitor their servers/webapps:

 1. OpsView
 2. Nagios
 4. Pingdom
 5. Custom shell scripts

Whenever any issue is found, an alert mail comes to our Ops team so that they act upon rectifying the issue.

As we manage thousands of servers, our Ops teams' inbox is flooded with email alerts all the time. Even a single issue which has a cascading effect, can trigger 20-30 emails.

Now, what I want to do is to implement a system which will be able to extract important features out of an alert email - like server IP address, type of problem, severity of problem etc. and also classify the emails into proper category, like `CPU-Load-Customer1-Server2, MySQL-Replication-Customer2-DBServer3` etc. We will then have a pre-defined set of debugging steps for each category, in order to help the Ops team to rectify the problem faster. Also, the feature extractor will provide input data to the team for a problem.

So far I have been able to train *NaiveBayesClassifier* with supervised learning techniques i.e. labeled training data(cluster data), and able to classify new unseen emails into its proper cluster/category. As the emails are based on certain templates, the accuracy of the classifier is very high. But we also get alert emails from custom scripts, which may not follow the templates. So, instead of doing supervised learning, I want to try out unsupervised learning for the same. I am looking into *KMeans

clustering*. But again the problem is, we won't know the number of clusters beforehand. **So, which algorithm will be best for this use case?** Right now I am using Python's TextBlob library for classification. Also, for feature extraction out of an alert email, I am looking into NLTK (<http://www.nltk.org/book/ch07.html>) library. I tried it out, but it seems to work on proper English paragraphs/texts well, however, for alert emails, it extracted a lot of unnecessary features. **Is there already any existing solution for the same? If not, what will be the best way to implement the same? Which library, which algorithm? **PS: I am not a Data Scientist. **Sample emails:**

PROBLEM: CRITICAL - Customer1_PROD - Customer1_PROD_SLAVE_DB_01 - CPU Load Avg Service: CPU Load Avg Host: Customer1_PROD_SLAVE_DB_01 Alias: Customer1_PROD_SLAVE_DB_01 Address: 10.10.0.100 Host Group Hierarchy: Opsview > Customer1 - BIG C > Customer1_PROD State: CRITICAL Date & Time: Sat Oct 4 07:02:06 UTC 2014 Additional Information: CRITICAL - load average: 41.46, 40.69, 37.91

RECOVERY: OK - Customer1_PROD - Customer1_PROD_SLAVE_DB_01 - CPU Load Avg Service: CPU Load Avg Host: Customer1_PROD_SLAVE_DB_01 Alias: Customer1_PROD_SLAVE_DB_01 Address: 10.1.1.100 Host Group Hierarchy: Opsview > Customer1 - BIG C > Customer1_PROD State: OK Date & Time: Sat Oct 4 07:52:05 UTC 2014 Additional Information: OK - load average: 0.36, 0.23, 4.83

PROBLEM: CRITICAL - Customer1_PROD - Customer1_PROD_SLAVE_DB_01 - CPU Load Avg Service: CPU Load Avg Host: Customer1_PROD_SLAVE_DB_01 Alias: Customer1_PROD_SLAVE_DB_01 Address: 10.100.10.10 Host Group Hierarchy: Opsview > Customer1 - BIG C > Customer1_PROD State: CRITICAL Date & Time: Sat Oct 4 09:29:05 UTC 2014 Additional Information: CRITICAL - load average: 29.59, 26.50, 18.49

Classifier code:(format of csv - email, <disk/cpu/memory/mysql>) from textblob import

```
--> Word Count (217)
UserId="7979" --> Word Count (14)
UserId="7979" --> Word Count (1)
UserId="7979" Comment="edited title" --> Word Count (15)
UserId="7980" --> Word Count (26)
UserId="7867" Comment="add more explanation about context" --> Word Count (232)
UserId="7982" --> Word Count (47)
UserId="7982" --> Word Count (5)
UserId="7982" --> Word Count (1)
UserId="7961" Comment="added 323 characters in body" --> Word Count (192)
UserId="7961" Comment="added 383 characters in body" --> Word Count (248)
UserId="7989" --> Word Count (76)
UserId="7989" Comment="added 162 characters in body" --> Word Count (91)
UserId="4621" --> Word Count (142)
UserId="7961" --> Word Count (35)
UserId="4621" --> Word Count (103)
UserId="381" --> Word Count (40)
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UserId="7977" --> Word Count (9)
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UserId="7977" --> Word Count (1)
 UserId="381" --> Word Count (25)
 UserId="2452" --> Word Count (227)
 UserId="2452" --> Word Count (134)
 UserId="5143" Comment="deleted 56 characters in body" --> Word Count (569)
 UserId="5143" Comment="added 61 characters in body" --> Word Count (266)
 UserId="3430" Comment="elaboration for clarity sake" --> Word Count (118)
 UserId="7999" --> Word Count (256)
 UserId="7999" --> Word Count (5)
 UserId="7999" --> Word Count (1)
 UserId="5143" Comment="deleted 2 characters in body" --> Word Count (568)
 UserId="4621" Comment="added links" --> Word Count (138)
 UserId="7977" --> Word Count (25)
 UserId="7977" --> Word Count (10)
 UserId="7977" --> Word Count (1)
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 UserId="6554" --> Word Count (183)
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 UserId="7969" --> Word Count (192)
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 UserId="2699" --> Word Count (32)
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 UserId="8009" --> Word Count (1)
 UserId="2452" --> Word Count (88)
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 UserId="8021" Comment="Improved the English to make the question understandable." --> Word Count (279)
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 UserId="8030" --> Word Count (1)
 UserId="2750" Comment="added 35 characters in body" --> Word Count (40)
 UserId="3430" --> Word Count (104)
 UserId="3430" Comment="trying to clarify and be more concise." --> Word Count (104)
 UserId="3430" Comment="trying to clarify and be more concise." --> Word Count (13)
 UserId="964" Comment="Updated for new question details." --> Word Count (227)
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 UserId="7977" --> Word Count (1)
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 UserId="7969" --> Word Count (199)
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 UserId="7969" --> Word Count (18)
 UserId="7969" --> Word Count (1)
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 UserId="8037" --> Word Count (1)
 UserId="2452" --> Word Count (188)
 UserId="381" --> Word Count (64)
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 UserId="1279" Comment="added 3 characters in body" --> Word Count (29)
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 UserId="525" --> Word Count (165)
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 UserId="8051" --> Word Count (95)
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 UserId="8051" --> Word Count (1)
 UserId="5224" Comment="added 25 characters in body" --> Word Count (59)
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 UserId="7950" Comment="added 1157 characters in body" --> Word Count (209)
 UserId="8063" --> Word Count (116)
 UserId="8063" --> Word Count (5)
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 UserId="8063" Comment="added 2 characters in body" --> Word Count (115)
 UserId="8065" --> Word Count (92)
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 UserId="8065" --> Word Count (44)
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 UserId="8013" --> Word Count (1)
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 UserId="97" Comment="Retagging to relevant terms" --> Word Count (1)
 UserId="8075" --> Word Count (73)
 UserId="8037" --> Word Count (32)
 UserId="985" --> Word Count (235)
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 UserId="182" --> Word Count (98)
 UserId="7867" --> Word Count (156)
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 UserId="7867" --> Word Count (1)
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 UserId="8065" --> Word Count (53)
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 UserId="7867" Comment="add more explanation " --> Word Count (216)
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 UserId="97" Comment="Add new relevant tags" --> Word Count (1)
 UserId="8076" Comment="added 61 characters in body; edited title" --> Word Count (57)
 UserId="8076" Comment="added 61 characters in body; edited title" --> Word Count (10)
 UserId="8102" --> Word Count (276)
 UserId="8102" Text="OCR / " --> Word Count (5)
 UserId="8102" --> Word Count (1)
 UserId="8075" --> Word Count (128)
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 UserId="8105" --> Word Count (235)
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 UserId="8059" --> Word Count (231)
 UserId="1003" --> Word Count (115)
 UserId="1003" Comment="added 58 characters in body" --> Word Count (116)
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 UserId="6683" --> Word Count (13)
 UserId="6683" --> Word Count (1)
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 UserId="8065" --> Word Count (47)
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 UserId="381" --> Word Count (98)
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 UserId="2452" Comment="Improved wording and formatting." --> Word Count (540)
 UserId="8110" --> Word Count (124)
 UserId="8145" --> Word Count (355)
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 UserId="8146" --> Word Count (9)
 UserId="8146" --> Word Count (1)
 UserId="41" Comment="made the title of the question slightly more objective"
 --> Word Count (32)
 UserId="41" Comment="made the title of the question slightly more objective"
 --> Word Count (14)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="21" --> Word Count (2)
 UserId="1003" --> Word Count (133)
 UserId="4621" --> Word Count (1649)
 UserId="8158" --> Word Count (97)
 UserId="8158" --> Word Count (5)
 UserId="8158" --> Word Count (1)
 UserId="8158" Comment="added 1 character in body" --> Word Count (97)
 UserId="8158" Comment="added 1 character in body" --> Word Count (97)
 UserId="3346" --> Word Count (62)
 UserId="3346" --> Word Count (9)
 UserId="3346" --> Word Count (1)
 UserId="21" Comment="deleted 3 characters in body; edited title" --> Word Count
 (61)
 UserId="21" Comment="deleted 3 characters in body; edited title" --> Word Count
 (8)
 UserId="8158" Comment="added 7 characters in body" --> Word Count (97)
 UserId="2452" --> Word Count (249)
 UserId="525" --> Word Count (99)
 UserId="8158" Comment="added 982 characters in body" --> Word Count (301)
 UserId="8158" Comment="added 154 characters in body" --> Word Count (341)
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UserId="7806" --> Word Count (1)
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 UserId="4621" --> Word Count (177)
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 UserId="8174" --> Word Count (157)
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 UserId="8174" --> Word Count (1)
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 UserId="4803" --> Word Count (1)
 UserId="1003" Text="I think what you want is to extract company names from
 "Job Title". In natural language process, we call this kind of
 research as "Name Entity Recognition(NER)". You can try to use
 Stanford Named Entity Recognizer (NER)[[http://nlp.stanford.edu/software/CRF-
 NER.shtml](http://nlp.stanford.edu/software/CRF-NER.shtml)]. Stanford NER performs very well on English contents and there are
 lots packages for many programming language:

> UIMA:
 Florian Laws made a Stanford NER UIMA annotator using a modified version of
 Stanford NER, which is available on his homepage. [Old
 version.]


>Perl: Kieren Diment has written -->
 Word Count (141)
 UserId="2452" --> Word Count (337)
 UserId="8113" --> Word Count (105)
 UserId="1003" Comment="added 6 characters in body" Text="I think what you want
 is to extract company names from "Job Title". In natural language
 process, we call this kind of research as "Name Entity
 Recognition(NER)". You can try to use Stanford Named Entity Recognizer
 (NER)[<http://nlp.stanford.edu/software/CRF-NER.shtml>]. Stanford NER performs
 very well on English contents and there are lots packages for many programming
 language:

> UIMA: Florian Laws made a Stanford NER UIMA
 annotator using a modified version of Stanford NER, which is available on his
 homepage. [Old version.]


>Perl: Kieren Diment
 has written --> Word Count (142)
 UserId="8195" --> Word Count (66)
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 UserId="8195" --> Word Count (1)
 UserId="525" --> Word Count (6)
 UserId="8200" --> Word Count (80)
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 UserId="8207" --> Word Count (117)

UserId="21" Comment="103" --> Word Count (2)
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 UserId="8214" --> Word Count (60)
 UserId="8214" --> Word Count (2)
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 UserId="2853" --> Word Count (140)
 UserId="97" Comment="additional tag" --> Word Count (1)
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 UserId="964" Comment="sign change" --> Word Count (46)
 UserId="8191" --> Word Count (888)
 UserId="8191" Comment="added 15 characters in body" --> Word Count (889)
 UserId="2452" Comment="Improved wording." --> Word Count (200)
 UserId="8234" --> Word Count (98)
 UserId="8234" --> Word Count (9)
 UserId="8234" --> Word Count (1)
 UserId="8235" --> Word Count (114)
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UserId="964" Comment="values swapped." --> Word Count (101)
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 UserId="4621" Comment="fixed typo" --> Word Count (355)
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 UserId="289" Comment="title and tags" --> Word Count (11)
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 Word Count (431)
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 UserId="8425" --> Word Count (1)
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 UserId="2452" --> Word Count (416)
 UserId="26" --> Word Count (167)
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 UserId="2723" --> Word Count (214)
 UserId="2723" Comment="added 121 characters in body" --> Word Count (231)
 UserId="3510" --> Word Count (243)
 UserId="3510" --> Word Count (6)
 UserId="3510" --> Word Count (1)
 UserId="84" Comment="deleted 6 characters in body" --> Word Count (78)
 UserId="84" Comment="Minor corrections." --> Word Count (52)
 UserId="84" Comment="Minor formatting adjustments." --> Word Count (32)
 UserId="924" --> Word Count (62)
 UserId="8395" --> Word Count (163)
 UserId="8395" --> Word Count (231)
 UserId="924" Comment="added 116 characters in body" --> Word Count (80)
 UserId="924" Comment="added 116 characters in body" --> Word Count (305)
 UserId="924" --> Word Count (96)
 UserId="8478" --> Word Count (61)
 UserId="8478" --> Word Count (8)
 UserId="8478" --> Word Count (1)
 UserId="381" --> Word Count (9)
 UserId="8482" --> Word Count (129)
 UserId="8482" --> Word Count (8)
 UserId="8482" --> Word Count (1)
 UserId="106" --> Word Count (858)
 UserId="8488" --> Word Count (1236)
 UserId="8488" --> Word Count (7)
 UserId="8488" --> Word Count (1)

UserId="8462" --> Word Count (257)
 UserId="8013" --> Word Count (37)
 UserId="8013" --> Word Count (8)
 UserId="8013" --> Word Count (1)
 UserId="8488" Comment="Try own solution..." --> Word Count (1324)
 UserId="609" --> Word Count (151)
 UserId="553" Comment="adding a tag" --> Word Count (1)
 UserId="4811" --> Word Count (268)
 UserId="4811" --> Word Count (10)
 UserId="4811" --> Word Count (1)
 UserId="8344" --> Word Count (142)
 UserId="8344" --> Word Count (8)
 UserId="8344" --> Word Count (1)
 UserId="8491" --> Word Count (200)
 UserId="8462" Comment="typo (reshare -> reshape)" --> Word Count (254)
 UserId="2452" --> Word Count (69)
 UserId="8505" --> Word Count (100)
 UserId="8505" --> Word Count (4)
 UserId="8505" --> Word Count (1)
 UserId="3070" --> Word Count (118)
 UserId="8517" --> Word Count (28)
 UserId="8318" --> Word Count (79)
 UserId="8318" --> Word Count (12)
 UserId="8318" --> Word Count (1)
 UserId="8318" Comment="added 38 characters in body" --> Word Count (86)
 UserId="84" Comment="Improving writing." --> Word Count (99)
 UserId="84" Comment="Improving writing." --> Word Count (1)
 UserId="108" --> Word Count (357)
 UserId="8524" --> Word Count (72)
 UserId="8524" --> Word Count (7)
 UserId="8524" --> Word Count (1)
 UserId="8526" --> Word Count (192)
 UserId="8526" --> Word Count (11)
 UserId="8526" --> Word Count (1)
 UserId="1077" --> Word Count (319)
 UserId="8517" --> Word Count (14)
 UserId="8517" Comment="added 86 characters in body" --> Word Count (61)
 UserId="8540" --> Word Count (89)
 UserId="8540" --> Word Count (14)
 UserId="8540" --> Word Count (1)
 UserId="8516" --> Word Count (106)
 UserId="3556" --> Word Count (57)
 UserId="8547" --> Word Count (47)
 UserId="8547" --> Word Count (5)
 UserId="8547" --> Word Count (1)
 UserId="8462" --> Word Count (382)
 UserId="8462" --> Word Count (17)
 UserId="8249" --> Word Count (157)

UserId="8462" Comment="This question has nothing to do with statistics (at least as it has been posed and how it is supposed to be resolved)" --> Word Count (9)
 UserId="84" Comment="added 7 characters in body" --> Word Count (47)
 UserId="8462" Comment="explanation" --> Word Count (63)
 UserId="8549" --> Word Count (85)
 UserId="8549" --> Word Count (6)
 UserId="8549" --> Word Count (1)
 UserId="6550" --> Word Count (241)
 UserId="6550" --> Word Count (5)
 UserId="6550" --> Word Count (1)
 UserId="8540" Comment="edited body" --> Word Count (89)
 UserId="7960" --> Word Count (45)
 UserId="7960" --> Word Count (8)
 UserId="7960" --> Word Count (1)
 UserId="8110" --> Word Count (327)
 UserId="381" --> Word Count (52)
 UserId="5316" --> Word Count (30)
 UserId="474" Comment="Fixed typo in tag name" --> Word Count (1)
 UserId="816" --> Word Count (4)
 UserId="8249" Comment="added 161 characters in body" --> Word Count (185)
 UserId="8597" --> Word Count (103)
 UserId="8597" --> Word Count (6)
 UserId="8597" --> Word Count (1)
 UserId="8597" Comment="added 73 characters in body" --> Word Count (117)
 UserId="8605" --> Word Count (366)
 UserId="8605" --> Word Count (10)
 UserId="8605" --> Word Count (1)
 UserId="-1" Comment="Edit regarding regular expressions" --> Word Count (127)
 UserId="8389" --> Word Count (391)
 UserId="8389" --> Word Count (7)
 UserId="8389" --> Word Count (1)
 UserId="8609" --> Word Count (201)
 UserId="8609" --> Word Count (12)
 UserId="8609" --> Word Count (1)
 UserId="8610" --> Word Count (63)
 UserId="8610" --> Word Count (8)
 UserId="8610" --> Word Count (1)
 UserId="8462" --> Word Count (221)
 UserId="2452" --> Word Count (160)
 UserId="2452" Comment="Emphasized the core theme (topic)." --> Word Count (175)
 UserId="8626" --> Word Count (101)
 UserId="8626" --> Word Count (14)
 UserId="8626" --> Word Count (1)
 UserId="964" --> Word Count (78)
 UserId="984" --> Word Count (34)
 UserId="8641" --> Word Count (81)
 UserId="8641" --> Word Count (5)
 UserId="8641" --> Word Count (1)

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UserId="2853" --> Word Count (256)
UserId="1399" --> Word Count (65)
UserId="8643" --> Word Count (36)
UserId="8643" --> Word Count (9)
UserId="8643" --> Word Count (1)
UserId="8645" --> Word Count (146)
UserId="8645" --> Word Count (6)
UserId="8645" --> Word Count (1)
UserId="8650" --> Word Count (89)
UserId="3314" --> Word Count (170)
UserId="3314" --> Word Count (12)
UserId="3314" --> Word Count (1)
UserId="8653" --> Word Count (151)
UserId="8653" --> Word Count (6)
UserId="8653" --> Word Count (1)
UserId="8653" Comment="added 2 characters in body" --> Word Count (151)
UserId="21" Comment="102" --> Word Count (2)
UserId="21" Comment="104" --> Word Count (2)
UserId="8653" Comment="added 4 characters in body" --> Word Count (151)
UserId="8653" Comment="added 18 characters in body" --> Word Count (151)
UserId="8191" --> Word Count (81)
UserId="8191" --> Word Count (6)
UserId="8191" --> Word Count (1)
UserId="381" --> Word Count (15)
UserId="381" --> Word Count (61)
UserId="8662" Text="I want to read a csv file as input from user in Shiny and
assign it to a variable in global.r file.The code I have in ui.R
is<#xD;#xA;#xD;#xA;#xD;#xA; fileInput('file1', 'Choose CSV
File',<#xD;#xA; accept=c('text/csv', 'text/comma-
separated-values,text/plain', '.csv'))<#xD;#xA;#xD;#xA;The code I have in main
Panel of server.R is<#xD;#xA;#xD;#xA;
textOutput('contents')<#xD;#xA;#xD;#xA;The code I have currently in server.R
is<#xD;#xA;#xD;#xA; output$contents &lt;- render --> Word Count (57)
UserId="8662" --> Word Count (16)
UserId="8662" --> Word Count (1)
UserId="8663" --> Word Count (50)
UserId="4993" --> Word Count (104)
UserId="4993" --> Word Count (5)
UserId="4993" --> Word Count (1)
UserId="6576" --> Word Count (114)
UserId="6576" --> Word Count (7)
UserId="6576" --> Word Count (1)
UserId="6576" Comment="edited tags" --> Word Count (1)
UserId="8677" --> Word Count (402)
UserId="8677" --> Word Count (4)
UserId="8677" --> Word Count (1)
UserId="8681" --> Word Count (134)
UserId="8681" --> Word Count (5)

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UserId="8681" --> Word Count (1)
UserId="8505" --> Word Count (29)
UserId="8505" --> Word Count (10)
UserId="8505" --> Word Count (1)
UserId="587" --> Word Count (60)
UserId="587" --> Word Count (59)
UserId="8679" Comment="Improved Formatting" --> Word Count (479)
UserId="8686" --> Word Count (196)
UserId="8686" --> Word Count (10)
UserId="8686" --> Word Count (1)
UserId="8689" --> Word Count (125)
UserId="2452" --> Word Count (160)
UserId="2452" Comment="added 2 characters in body" --> Word Count (160)
UserId="8689" Comment="deleted 8 characters in body" --> Word Count (124)
UserId="8696" --> Word Count (38)
UserId="8462" --> Word Count (93)
UserId="8285" --> Word Count (350)
UserId="8285" --> Word Count (4)
UserId="8285" --> Word Count (1)
UserId="8285" Comment="deleted 279 characters in body" --> Word Count (319)
UserId="97" --> Word Count (23)
UserId="97" --> Word Count (5)
UserId="97" --> Word Count (1)
UserId="8708" --> Word Count (146)
UserId="8714" --> Word Count (140)
UserId="8714" --> Word Count (10)
UserId="8714" --> Word Count (1)
UserId="462" --> Word Count (360)
UserId="2452" --> Word Count (92)
UserId="587" --> Word Count (39)
UserId="108" --> Word Count (80)
UserId="8714" Comment="added 22 characters in body" --> Word Count (142)
UserId="97" Comment="Retagging, update question" --> Word Count (30)
UserId="97" Comment="Retagging, update question" --> Word Count (11)
UserId="97" Comment="Retagging, update question" --> Word Count (1)
UserId="8729" --> Word Count (28)
UserId="8734" --> Word Count (43)
UserId="2723" --> Word Count (277)
UserId="2723" --> Word Count (6)
UserId="2723" --> Word Count (1)
<DELETE> --> Word Count (310)
<DELETE> --> Word Count (18)
<DELETE> --> Word Count (1)
UserId="8662" Text="I have added the following code to global.R
file<#xD;#xA;#xD;#xA; data <- reactiveValues()<#xD;#xA;#xD;#xA;I
used assign function in server.R to assign values to data in
global.r<#xD;#xA;#xD;#xA; output$contents <- render --> Word Count (42)
UserId="3466" --> Word Count (247)

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UserId="2723" Comment="added 100 characters in body" --> Word Count (295)
 UserId="3466" Comment="Add summary." --> Word Count (269)
 UserId="3466" Comment="Clarify search." --> Word Count (312)
 <DELETE> --> Word Count (370)
 <DELETE> --> Word Count (370)
 UserId="8751" --> Word Count (148)
 UserId="9768" --> Word Count (60)
 UserId="8762" --> Word Count (103)
 UserId="8762" --> Word Count (35)
 UserId="8692" --> Word Count (733)
 UserId="8692" --> Word Count (11)
 UserId="8692" --> Word Count (1)
 UserId="2452" --> Word Count (484)
 UserId="2452" --> Word Count (92)
 UserId="462" --> Word Count (118)
 UserId="97" Comment="cosmetic changes" --> Word Count (14)
 UserId="8774" --> Word Count (123)
 UserId="8774" --> Word Count (8)
 UserId="8774" --> Word Count (1)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="8710" --> Word Count (46)
 UserId="8710" --> Word Count (7)
 UserId="8710" --> Word Count (1)
 UserId="8784" --> Word Count (134)
 UserId="8784" --> Word Count (2)
 UserId="8784" --> Word Count (1)
 UserId="8777" --> Word Count (45)
 UserId="8777" --> Word Count (10)
 UserId="8777" --> Word Count (1)
 UserId="8792" --> Word Count (118)
 UserId="21" Comment="105" --> Word Count (2)
 UserId="7923" --> Word Count (228)
 UserId="7923" --> Word Count (8)
 UserId="7923" --> Word Count (1)
 UserId="7867" --> Word Count (184)
 UserId="7867" --> Word Count (13)
 UserId="7867" --> Word Count (1)
 UserId="8796" --> Word Count (42)
 UserId="7961" --> Word Count (106)
 UserId="7961" Comment="move answer to answers" --> Word Count (132)
 UserId="8800" --> Word Count (78)
 UserId="8800" --> Word Count (7)
 UserId="8800" --> Word Count (1)
 UserId="8792" --> Word Count (123)
 UserId="1077" --> Word Count (164)
 UserId="97" Comment="concretizing question" --> Word Count (56)
 UserId="97" Comment="cosmetic change" --> Word Count (58)
 UserId="97" Comment="cosmetic change" --> Word Count (73)

UserId="8814" --> Word Count (53)
 UserId="8814" --> Word Count (5)
 UserId="8814" --> Word Count (1)
 UserId="587" --> Word Count (97)
 UserId="8465" --> Word Count (1299)
 UserId="8465" Comment="added 7 characters in body" --> Word Count (1300)
 UserId="8465" Comment="added 382 characters in body" --> Word Count (1335)
 UserId="1077" Comment=""thing one" LOL; maybe that's more correct!"
 --> Word Count (164)
 UserId="8820" --> Word Count (34)
 UserId="587" --> Word Count (107)
 UserId="1048" --> Word Count (159)
 UserId="1048" --> Word Count (31)
 UserId="1048" --> Word Count (90)
 UserId="2723" Text="As I understand it, these are the properties that you're
 seeking in a sample dataset:

 1. --> Word Count (193)
 UserId="8830" --> Word Count (29)
 UserId="3466" --> Word Count (149)
 UserId="8839" --> Word Count (100)
 UserId="8839" --> Word Count (13)
 UserId="8839" --> Word Count (1)
 UserId="381" --> Word Count (70)
 UserId="97" --> Word Count (162)
 UserId="8842" --> Word Count (461)
 UserId="8842" --> Word Count (9)
 UserId="8842" --> Word Count (1)
 UserId="8842" Comment="added 246 characters in body" --> Word Count (509)
 UserId="2853" Comment="added data-formats tag" --> Word Count (1)
 UserId="97" Comment="Name and tags" --> Word Count (7)
 UserId="97" Comment="Name and tags" --> Word Count (1)
 UserId="2452" --> Word Count (141)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="237" --> Word Count (126)
 UserId="237" --> Word Count (5)
 UserId="237" --> Word Count (1)
 UserId="237" Comment="added 22 characters in body" --> Word Count (146)
 UserId="8848" --> Word Count (684)
 UserId="8848" --> Word Count (14)
 UserId="8848" --> Word Count (1)
 UserId="8849" --> Word Count (193)
 UserId="8849" --> Word Count (32)
 UserId="7712" --> Word Count (171)
 UserId="7712" --> Word Count (9)
 UserId="7712" --> Word Count (1)
 UserId="7867" Comment="added 191 characters in body" --> Word Count (215)
 UserId="8860" --> Word Count (47)
 UserId="8860" --> Word Count (13)

UserId="8860" --> Word Count (1)
 UserId="7712" Comment="more explanation" --> Word Count (233)
 UserId="8865" --> Word Count (32)
 UserId="8869" --> Word Count (67)
 UserId="8869" --> Word Count (7)
 UserId="8869" --> Word Count (1)
 UserId="381" --> Word Count (31)
 UserId="587" Comment="added 456 characters in body" --> Word Count (174)
 UserId="8842" --> Word Count (349)
 UserId="8842" Comment="added 425 characters in body" --> Word Count (451)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="2961" Comment="added roncloud.com" --> Word Count (37)
 UserId="6465" --> Word Count (60)
 UserId="6465" --> Word Count (13)
 UserId="6465" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="3466" --> Word Count (38)
 UserId="3466" --> Word Count (4)
 UserId="3466" --> Word Count (1)
 UserId="609" --> Word Count (408)
 UserId="5179" --> Word Count (166)
 UserId="8923" --> Word Count (30)
 UserId="8897" Comment="edited and retaged" --> Word Count (47)
 UserId="8897" Comment="edited and retaged" --> Word Count (1)
 UserId="8897" Comment="edited the post" --> Word Count (505)
 UserId="8930" --> Word Count (16)
 UserId="3314" --> Word Count (100)
 UserId="3314" --> Word Count (10)
 UserId="3314" --> Word Count (1)
 UserId="2452" --> Word Count (167)
 UserId="8938" --> Word Count (116)
 UserId="8938" --> Word Count (19)
 UserId="8938" --> Word Count (1)
 UserId="2452" --> Word Count (57)
 UserId="609" --> Word Count (189)
 UserId="609" Comment="chose among the three possibilities" --> Word Count (242)
 UserId="8860" --> Word Count (70)
 UserId="8860" --> Word Count (9)
 UserId="8860" --> Word Count (1)
 UserId="8944" --> Word Count (155)
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 UserId="2452" --> Word Count (287)
 UserId="8269" --> Word Count (60)
 UserId="8269" --> Word Count (5)
 UserId="8269" --> Word Count (1)
 UserId="2452" Comment="Improved grammar and wording. Added `career` tag." -->
 Word Count (159)

UserId="2452" Comment="Improved grammar and wording. Added `career` tag." --> Word Count (5)
 UserId="2452" Comment="Improved grammar and wording. Added `career` tag." --> Word Count (1)
 UserId="2452" --> Word Count (224)
 UserId="2452" Comment="Improved wording and formatting." --> Word Count (236)
 UserId="2452" Comment="Improved wording and formatting. Addressed algorithms and data availability." --> Word Count (299)
 UserId="2452" Comment="Fixed typo and grammar." --> Word Count (70)
 UserId="2452" Comment="Fixed typo and grammar." --> Word Count (9)
 UserId="21" --> Word Count (91)
 UserId="723" --> Word Count (200)
 UserId="3417" --> Word Count (401)
 UserId="3417" Comment="added 19 characters in body" --> Word Count (400)
 UserId="3417" Comment="added 19 characters in body" --> Word Count (360)
 UserId="3417" Comment="added 13 characters in body" --> Word Count (443)
 UserId="3417" Comment="deleted 317 characters in body" --> Word Count (416)
 UserId="723" Comment="added 2 characters in body" --> Word Count (200)
 UserId="4621" --> Word Count (225)
 UserId="1256" --> Word Count (184)
 UserId="1256" --> Word Count (28)
 UserId="8969" --> Word Count (156)
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 UserId="8969" --> Word Count (1)
 UserId="8969" Comment="edited title" --> Word Count (7)
 UserId="21" Comment="edited tags" --> Word Count (1)
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 UserId="8953" --> Word Count (61)
 UserId="8977" --> Word Count (64)
 UserId="8948" --> Word Count (188)
 UserId="8948" --> Word Count (6)
 UserId="8948" --> Word Count (1)
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 UserId="8953" Comment="added easter egg" --> Word Count (345)
 UserId="8986" --> Word Count (216)
 UserId="8953" Comment="refined the title" --> Word Count (21)
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 UserId="8987" Comment="added 37 characters in body" --> Word Count (208)
 UserId="8987" Comment="added 37 characters in body" --> Word Count (212)
 UserId="8953" Comment="added clarification" --> Word Count (403)
 UserId="8644" --> Word Count (65)

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 UserId="8644" --> Word Count (1)
 UserId="587" --> Word Count (176)
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 UserId="3466" Comment="Switched to graph isomorphism." --> Word Count (4)
 UserId="8953" --> Word Count (359)
 UserId="2452" --> Word Count (299)
 UserId="8240" --> Word Count (71)
 UserId="8240" --> Word Count (9)
 UserId="8240" --> Word Count (1)
 UserId="8498" --> Word Count (44)
 UserId="8849" Comment="grammar edit" --> Word Count (191)
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 UserId="9015" --> Word Count (1)
 UserId="289" --> Word Count (19)
 UserId="289" Comment="added 383 characters in body" --> Word Count (47)
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 UserId="8953" Comment="the op would like to use r, so added the corresponding r tag" --> Word Count (1)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="21" Comment="edited tags" --> Word Count (1)
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 UserId="9033" --> Word Count (487)
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 UserId="9033" --> Word Count (1)
 UserId="2452" --> Word Count (62)
 UserId="2452" Comment="Updated with more details from Princeton's GLM page." --> Word Count (217)
 UserId="2452" Comment="Updated with more details from Princeton's GLM page." --> Word Count (228)
 UserId="2452" Comment="Fixed grammar. Improved wording and formatting." --> Word Count (481)
 UserId="2452" Comment="Fixed grammar. Improved wording and formatting." --> Word Count (11)
 UserId="1256" --> Word Count (25)
 UserId="9052" --> Word Count (102)
 UserId="9052" --> Word Count (6)
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 UserId="9011" --> Word Count (49)
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 UserId="4947" --> Word Count (85)

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 UserId="4947" --> Word Count (1)
 UserId="26" --> Word Count (138)
 UserId="26" --> Word Count (11)
 UserId="26" --> Word Count (1)
 UserId="26" Comment="deleted 16 characters in body" --> Word Count (134)
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 UserId="9079" --> Word Count (4)
 UserId="9079" --> Word Count (1)
 UserId="2452" Comment="Fixed numbering." --> Word Count (189)
 UserId="2452" --> Word Count (191)
 UserId="2452" Comment="Fixed formatting." --> Word Count (189)
 UserId="21" Comment="deleted 13 characters in body" --> Word Count (136)
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 UserId="9086" --> Word Count (250)
 UserId="9086" --> Word Count (43)
 UserId="9086" --> Word Count (51)
 UserId="9085" Comment="added 35 characters in body" --> Word Count (68)
 UserId="9086" --> Word Count (136)
 UserId="5377" --> Word Count (1127)
 UserId="8284" --> Word Count (120)
 UserId="8951" --> Word Count (41)
 UserId="8951" --> Word Count (6)
 UserId="8951" --> Word Count (1)
 UserId="8951" Comment="added 114 characters in body" --> Word Count (57)
 UserId="735" --> Word Count (11)
 UserId="2586" Comment="added 163 characters in body" --> Word Count (163)
 UserId="8951" --> Word Count (31)
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 UserId="9097" --> Word Count (8)
 UserId="9097" --> Word Count (1)
 UserId="9054" --> Word Count (44)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="9105" --> Word Count (201)
 UserId="9105" --> Word Count (9)
 UserId="9105" --> Word Count (1)
 UserId="9105" Comment="added 37 characters in body" --> Word Count (206)
 UserId="9106" --> Word Count (19)
 UserId="2961" Comment="improved formatting" --> Word Count (252)
 UserId="9102" Comment="added 1560 characters in body" --> Word Count (236)
 UserId="9102" Comment="added 122 characters in body" --> Word Count (16)
 UserId="471" --> Word Count (142)
 UserId="9114" --> Word Count (327)
 UserId="9085" Comment="added 69 characters in body" --> Word Count (78)
 UserId="1386" --> Word Count (119)
 UserId="1386" --> Word Count (3)

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 UserId="9125" --> Word Count (51)
 UserId="9125" --> Word Count (3)
 UserId="9125" --> Word Count (1)
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 UserId="1077" Comment="formal name of library" --> Word Count (81)
 UserId="1077" Comment="typo" --> Word Count (81)
 UserId="2452" --> Word Count (127)
 UserId="2452" Comment="Fixed the ADT name and link." --> Word Count (128)
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 UserId="3314" --> Word Count (5)
 UserId="3314" --> Word Count (1)
 UserId="3024" --> Word Count (217)
 UserId="2750" --> Word Count (37)
 UserId="4947" --> Word Count (76)
 UserId="4947" --> Word Count (7)
 UserId="4947" --> Word Count (1)
 UserId="9054" --> Word Count (140)
 UserId="2961" Comment="imporved formatting" --> Word Count (82)
 UserId="3314" --> Word Count (155)
 UserId="9146" --> Word Count (62)
 UserId="9146" --> Word Count (72)
 UserId="8650" --> Word Count (355)
 UserId="8650" --> Word Count (12)
 UserId="8650" --> Word Count (1)
 UserId="16218" --> Word Count (258)
 UserId="16218" --> Word Count (7)
 UserId="16218" --> Word Count (1)
 UserId="9167" --> Word Count (523)
 UserId="9167" --> Word Count (5)
 UserId="9167" --> Word Count (1)
 UserId="9168" --> Word Count (88)
 UserId="9168" --> Word Count (8)
 UserId="9168" --> Word Count (1)
 UserId="3314" --> Word Count (36)
 UserId="3314" --> Word Count (12)
 UserId="3314" --> Word Count (1)
 UserId="3024" --> Word Count (54)
 UserId="9146" Comment="fixed links for wikify, clarify" --> Word Count (85)
 UserId="9176" --> Word Count (134)
 UserId="9176" --> Word Count (9)
 UserId="9176" --> Word Count (1)
 UserId="9179" --> Word Count (65)
 UserId="9182" --> Word Count (258)
 UserId="9167" --> Word Count (17)

UserId="2452" Comment="Fixed grammar. Improved wording and formatting." -->
 Word Count (55)
 UserId="4993" --> Word Count (32)
 UserId="4993" --> Word Count (7)
 UserId="4993" --> Word Count (1)
 UserId="9210" --> Word Count (179)
 UserId="9210" --> Word Count (7)
 UserId="9210" --> Word Count (1)
 UserId="8085" --> Word Count (82)
 UserId="173" --> Word Count (409)
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 UserId="3314" --> Word Count (10)
 UserId="3314" --> Word Count (1)
 UserId="182" --> Word Count (157)
 UserId="182" --> Word Count (240)
 UserId="403" --> Word Count (66)
 UserId="9218" --> Word Count (21)
 UserId="9218" --> Word Count (9)
 UserId="9218" --> Word Count (1)
 UserId="9219" --> Word Count (98)
 UserId="9219" --> Word Count (11)
 UserId="9219" --> Word Count (1)
 UserId="9220" --> Word Count (258)
 UserId="9220" --> Word Count (8)
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 UserId="9223" --> Word Count (53)
 UserId="2489" --> Word Count (157)
 UserId="2489" --> Word Count (8)
 UserId="2489" --> Word Count (1)
 UserId="9085" --> Word Count (104)
 UserId="9227" --> Word Count (57)
 UserId="9227" --> Word Count (7)
 UserId="9227" --> Word Count (1)
 UserId="3314" Comment="added 872 characters in body" --> Word Count (366)
 UserId="9234" --> Word Count (73)
 UserId="9236" --> Word Count (207)
 UserId="609" --> Word Count (176)
 UserId="2452" --> Word Count (60)
 UserId="9174" --> Word Count (61)
 UserId="9174" --> Word Count (8)
 UserId="9174" --> Word Count (1)
 UserId="5091" --> Word Count (77)
 UserId="5091" --> Word Count (5)
 UserId="5091" --> Word Count (1)
 UserId="8152" Text="First of all, I hope I'm in the right StackExchange here. If
 not, apologies!

I'm currently working with huge amounts of
 feature-value vectors. There are millions of these vectors (up to 20 million
 possibly). They contain some linguistic/syntactic features and their values are

all strings. Because most classifiers do not handle string data as values, I convert them to binary frequency values, so an attribute looks like this: @attribute 'feature#value' numeric And per row, the value is either 1 or it is absent (so note it's a *sparse* ARFF file). The thing is, with 250K rows, there are over 500K attributes and so, most algorithms have a hard time with this. There are a lot of algorithms. I'm really curious as to what you would consider a suitable one (preferably unsupervised, but anything works), and if you even have some ideas how I could improve performance. I can train on small subsets of data, but the results only get better when using large amounts of data (at least 7 million events).

For now, I've been using NaiveBayes variations (Multinomial and also DMNB --> Word Count (30))

UserId="8152" --> Word Count (6)

UserId="8152" --> Word Count (1)

UserId="7980" Comment="change scrapped (discarded) to scraped " --> Word Count (61)

UserId="8152" --> Word Count (126)

UserId="8704" --> Word Count (154)

UserId="9246" --> Word Count (471)

UserId="9249" --> Word Count (76)

UserId="9249" --> Word Count (11)

UserId="9249" --> Word Count (1)

UserId="9257" --> Word Count (78)

UserId="9257" --> Word Count (10)

UserId="9257" --> Word Count (1)

UserId="-1" Comment="Edited Question" --> Word Count (96)

UserId="97" --> Word Count (68)

UserId="97" Comment="Added some links" --> Word Count (88)

UserId="97" Comment="Retagged + corrected some spelling mistakes" --> Word Count (10)

UserId="97" Comment="Retagged + corrected some spelling mistakes" --> Word Count (1)

UserId="9267" --> Word Count (74)

UserId="6550" --> Word Count (42)

UserId="2489" --> Word Count (64)

UserId="2489" --> Word Count (7)

UserId="2489" --> Word Count (1)

UserId="5091" --> Word Count (67)

UserId="9272" --> Word Count (61)

UserId="9278" --> Word Count (81)

UserId="9278" --> Word Count (6)

UserId="9278" --> Word Count (1)

UserId="9281" --> Word Count (211)

UserId="9281" --> Word Count (7)

UserId="9281" --> Word Count (1)

UserId="9287" --> Word Count (74)

UserId="9287" --> Word Count (5)

UserId="9287" --> Word Count (1)
 UserId="173" --> Word Count (592)
 UserId="173" --> Word Count (97)
 UserId="9296" --> Word Count (195)
 UserId="9296" --> Word Count (10)
 UserId="9296" --> Word Count (1)
 UserId="173" --> Word Count (206)
 UserId="9323" --> Word Count (356)
 UserId="9323" --> Word Count (5)
 UserId="9323" --> Word Count (1)
 UserId="9174" --> Word Count (32)
 UserId="9174" --> Word Count (8)
 UserId="9174" --> Word Count (1)
 UserId="836" Comment="Suggested change of title from site's default" --> Word Count (13)
 UserId="9070" --> Word Count (908)
 UserId="9070" --> Word Count (9)
 UserId="9070" --> Word Count (1)
 UserId="9070" --> Word Count (64)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="9070" Comment="added 73 characters in body" --> Word Count (76)
 UserId="9323" Comment="edited body" --> Word Count (356)
 UserId="9323" Comment="edited body" --> Word Count (365)
 UserId="9070" --> Word Count (155)
 UserId="6523" --> Word Count (133)
 UserId="6523" --> Word Count (7)
 UserId="6523" --> Word Count (1)
 UserId="173" --> Word Count (293)
 UserId="9085" Comment="added 2 characters in body" --> Word Count (78)
 UserId="9323" Comment="added 332 characters in body" --> Word Count (432)
 UserId="9312" --> Word Count (47)
 UserId="9312" --> Word Count (9)
 UserId="9312" --> Word Count (1)
 UserId="9324" --> Word Count (14)
 UserId="9324" --> Word Count (47)
 UserId="9324" --> Word Count (18)
 UserId="9324" --> Word Count (10)
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 UserId="8553" --> Word Count (127)
 UserId="8553" --> Word Count (16)
 UserId="8553" --> Word Count (1)
 UserId="9114" --> Word Count (186)

UserId="8041" --> Word Count (159)
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 UserId="9342" --> Word Count (1)
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 UserId="924" --> Word Count (68)
 UserId="6523" Comment="added 1 character in body" --> Word Count (133)
 UserId="173" --> Word Count (71)
 UserId="173" --> Word Count (120)
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 UserId="9362" --> Word Count (1)
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 UserId="8373" --> Word Count (118)
 UserId="9370" --> Word Count (15)
 UserId="5290" --> Word Count (112)
 UserId="5290" --> Word Count (4)
 UserId="5290" --> Word Count (1)
 UserId="9371" --> Word Count (20)
 UserId="9371" --> Word Count (12)
 UserId="9371" --> Word Count (1)
 UserId="8553" --> Word Count (139)
 UserId="173" --> Word Count (80)
 UserId="9114" --> Word Count (185)
 UserId="3314" --> Word Count (339)
 UserId="3314" --> Word Count (8)
 UserId="3314" --> Word Count (1)
 <DELETE> --> Word Count (90)
 UserId="6523" --> Word Count (31)
 UserId="6523" --> Word Count (4)
 UserId="6523" --> Word Count (1)
 UserId="9383" --> Word Count (15)
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 UserId="7720" --> Word Count (1)
 UserId="9322" --> Word Count (25)
 UserId="9322" --> Word Count (2)
 UserId="9322" --> Word Count (1)
 UserId="9385" --> Word Count (114)
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UserId="9390" Comment="fixed grammar and improved formatting" --> Word Count (64)
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 UserId="9390" Comment="fixed grammar and improved formatting" --> Word Count (1)
 UserId="525" --> Word Count (50)
 UserId="3314" Comment="added 2226 characters in body" --> Word Count (924)
 UserId="3314" Comment="deleted 27 characters in body" --> Word Count (924)
 UserId="8394" --> Word Count (13)
 UserId="8284" --> Word Count (28)
 UserId="8953" Comment="added a potential answer now that the op included more information" --> Word Count (231)
 UserId="325" Comment="added escape characters" --> Word Count (566)
 UserId="7720" --> Word Count (72)
 UserId="2576" --> Word Count (84)
 UserId="182" --> Word Count (156)
 UserId="9225" --> Word Count (109)
 UserId="9225" --> Word Count (5)
 UserId="9225" --> Word Count (1)
 UserId="9236" --> Word Count (46)
 UserId="8041" --> Word Count (140)
 UserId="8953" Comment="the op is looking to break into the field of data science and wants source recommendations to learn from, so added the beginner and recommendation tags" --> Word Count (1)
 UserId="9410" --> Word Count (228)
 UserId="9410" --> Word Count (5)
 UserId="9410" --> Word Count (1)
 UserId="8041" --> Word Count (241)
 UserId="8041" --> Word Count (8)
 UserId="8041" --> Word Count (1)
 UserId="8041" --> Word Count (138)
 UserId="3466" --> Word Count (165)
 UserId="26" Comment="added 334 characters in body" --> Word Count (174)
 UserId="8041" --> Word Count (71)
 UserId="9086" --> Word Count (206)
 UserId="8394" --> Word Count (108)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="471" Comment="python indentation is important..." --> Word Count (224)
 UserId="9369" Comment="Improved formating, clarifications." --> Word Count (103)
 UserId="8953" Comment="the op is asking about matlab code so added the corresponding tag" --> Word Count (1)
 UserId="8953" Comment="fixed the title; the content of the op's post leads one to believe they are looking for ways to choose" --> Word Count (14)
 <DELETE> --> Word Count (43)
 UserId="8953" Comment="the op is reading data in from a csv, so added the corresponding tag" --> Word Count (1)

UserId="21" Comment="103" --> Word Count (2)
 UserId="21" --> Word Count (2)
 UserId="9420" --> Word Count (205)
 UserId="9420" --> Word Count (181)
 UserId="8465" Text="I have worked on building a fraud detection solution using text mining, so I understand the scenario that has led to this question. I'll talk about the approach/techniques that is to be followed to build the fraud detection solution. I'll divide it into 4 sections

- Build line of business fraud dictionary
- Fraud detection & scoring
- Tools
- Additional notes

###Building Fraud Dictionary:###

As a first step you'll have to identify fraud concepts with help from subject matter expert for the line of business in concern. Fraud concept is a person, characteristic, entity, or event that represents a suspicious scenario and similar concepts can be grouped together to form a concept category. Each concept is further represented by words, phrases, entities etc. The presence of these words/phrases in the document implies occurrence of fraud concept in that transaction. The end result of this exercise will be a fraud dictionary that is a repository of concepts and suspicious key words.

You can use NLP technique to build the dictionary. 

Steps:

 1) Convert the sentence to lowercase

 2) Remove stopwords, these are common words found in a language. Words like for, very, and, of, are, etc, are common stop words

 3) Extract n-gram i.e., a contiguous sequence of n items from a given sequence of text. simply increasing n, model can be used to store more context

 4) Assign a syntactic label (noun, verb etc.)

 5) Knowledge extraction from text through semantic/syntactic analysis approach i.e., try to retain words that hold higher weight in a sentence like Noun/Verb


###Fraud detection & scoring:###

Phrases/Keywords to be semantically matched with Phrases/Keywords from Fraud Dictionary and Fraud concepts in transactions can be identified. At this point, care needs to be taken to maintain the context (negation, positive sense) in which a keyword/phrase has been used to avoid false positives.

For each identified occurrence of Fraud concept in the transaction, a weight of 1 can be assigned. This is done for calculating a suspicious score for the transaction. Higher the score high suspicious.

Note that using a combination of larger data set with high textual content, and extensive fraud dictionary would result in higher number potentially identified.


###Tools:###

You can consider using OpenNLP / StanfordNLP for Part of Speech tagging. Most of the programming language have supporting library for OpenNLP/StanfordNLP. You can choose the language based on your comfort.


###Additional notes:###

- You can refer [here][1] to get an idea of extracting concepts from sentences

- Fruther read my blog on [--> Word Count (41)
 UserId="9394" --> Word Count (74)

UserId="9394" --> Word Count (14)

UserId="9394" --> Word Count (1)

UserId="8465" Comment="Improved" Text="I have worked on building a fraud detection solution using text mining, so I understand the scenario that has led to this question. I'll talk about the approach/techniques that is to be followed to build the fraud detection solution. I'll divide it into 4 sections

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For example considering the data set mentioned in the question, the `numeric patterns` become the concept category, and `fictitious invoice numbers` and `fictitiously-generated transaction amounts` are 2 different concepts. There will be a keywords/phrases that is associated to this concept which should be captured onto the fraud dictionary.

You can use NLP technique to build the dictionary. 

Steps:

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can refer [here][1] to get an idea of extracting concepts from sentences

- Fruther read my blog on [--> Word Count (41)

UserId="7921" --> Word Count (132)

UserId="9322" --> Word Count (28)

UserId="9322" --> Word Count (2)

UserId="9322" --> Word Count (1)

UserId="8394" --> Word Count (27)

UserId="7921" Comment="added 1 character in body" --> Word Count (132)

UserId="9394" Comment="added 181 characters in body" --> Word Count (114)

UserId="9086" Comment="grammar, spelling" --> Word Count (206)

UserId="9433" --> Word Count (76)

UserId="9086" Text=" --> Word Count (144)

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UserId="97" --> Word Count (17)

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(1)

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UserId="793" --> Word Count (1)
UserId="9495" --> Word Count (151)
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UserId="9497" --> Word Count (12)
UserId="9497" --> Word Count (1)
UserId="9496" --> Word Count (79)
UserId="9496" Comment="Fixed the grammar" --> Word Count (163)
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UserId="9508" --> Word Count (562)
UserId="9514" --> Word Count (45)

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 UserId="182" --> Word Count (261)
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 UserId="9497" Comment="added 220 characters in body" --> Word Count (85)
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 UserId="9521" Comment="added 591 characters in body" --> Word Count (185)
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 UserId="9544" Comment="edited tags" --> Word Count (1)
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 UserId="182" --> Word Count (263)
 UserId="182" Comment="added 121 characters in body" --> Word Count (282)
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 UserId="9486" Comment="Put emphasis on provenance" --> Word Count (262)
 UserId="9486" Comment="Put emphasis on provenance" --> Word Count (4)
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 UserId="525" --> Word Count (187)

UserId="132" --> Word Count (331)
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 UserId="182" Comment="Fixed formatting, grammar, removed inappropriate tags."
 --> Word Count (131)
 UserId="182" Comment="Fixed formatting, grammar, removed inappropriate tags."
 --> Word Count (12)
 UserId="182" Comment="Fixed formatting, grammar, removed inappropriate tags."
 --> Word Count (1)
 UserId="182" Comment="Grammar, clarity." --> Word Count (172)
 UserId="9521" Comment="added 15 characters in body" --> Word Count (174)
 UserId="9174" --> Word Count (52)
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 UserId="26" --> Word Count (7)
 UserId="26" --> Word Count (1)
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 UserId="9127" --> Word Count (114)
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 UserId="9127" --> Word Count (1)
 UserId="182" Comment="Grammar, spelling, clarity." --> Word Count (102)
 UserId="9127" Comment="edited tags" --> Word Count (1)
 UserId="378" --> Word Count (328)
 UserId="378" --> Word Count (17)
 UserId="378" --> Word Count (1)
 UserId="7720" --> Word Count (49)
 UserId="9569" --> Word Count (80)
 UserId="8878" --> Word Count (87)
 UserId="182" --> Word Count (121)
 UserId="8878" Comment="added 4 characters in body" --> Word Count (87)
 UserId="8878" --> Word Count (150)
 UserId="8878" --> Word Count (53)
 UserId="8878" --> Word Count (136)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="182" Comment="Changed tags and titel to be more appropriate" --> Word
 Count (15)
 UserId="182" Comment="Changed tags and titel to be more appropriate" --> Word
 Count (1)
 UserId="182" Comment="Deleted "Regards,"" --> Word Count (18)
 UserId="9508" Comment="fixed numerous stylistic and grammar issues" --> Word
 Count (209)
 UserId="182" Comment="Added mathjax formatting" --> Word Count (46)
 UserId="182" Comment="Added some tags, added math formatting, modified the
 title" --> Word Count (102)
 UserId="182" Comment="Added some tags, added math formatting, modified the
 title" --> Word Count (10)
 UserId="182" Comment="Added some tags, added math formatting, modified the
 title" --> Word Count (1)
 UserId="8878" --> Word Count (104)

UserId="8878" --> Word Count (78)
UserId="8878" Comment="added 1 character in body" --> Word Count (104)
UserId="9575" --> Word Count (89)
UserId="9575" --> Word Count (6)
UserId="9575" --> Word Count (1)
UserId="8878" --> Word Count (345)
UserId="82" --> Word Count (296)
UserId="9123" --> Word Count (87)
UserId="108" --> Word Count (287)
UserId="8878" Comment="added 4 characters in body" --> Word Count (346)
UserId="8878" Comment="deleted 62 characters in body" --> Word Count (39)
UserId="9586" --> Word Count (83)
UserId="9586" --> Word Count (8)
UserId="9586" --> Word Count (1)
UserId="9587" --> Word Count (62)
UserId="9588" --> Word Count (23)
UserId="8041" --> Word Count (145)
UserId="9579" --> Word Count (64)
UserId="9579" --> Word Count (6)
UserId="9579" --> Word Count (1)
UserId="9576" --> Word Count (53)
UserId="8878" --> Word Count (114)
UserId="21" Comment="103" --> Word Count (2)
UserId="9591" --> Word Count (154)
UserId="9591" --> Word Count (7)
UserId="9591" --> Word Count (1)
UserId="9595" --> Word Count (55)
UserId="9595" --> Word Count (10)
UserId="9595" --> Word Count (1)
UserId="562" --> Word Count (245)
UserId="562" --> Word Count (18)
UserId="562" --> Word Count (1)
UserId="2452" --> Word Count (133)
UserId="8820" Comment="added 194 characters in body" --> Word Count (65)
UserId="924" --> Word Count (140)
UserId="9085" --> Word Count (63)
UserId="9085" Comment="via Vote" --> Word Count (1)
UserId="9085" --> Word Count (1)
UserId="9085" Comment="added 190 characters in body" --> Word Count (101)
UserId="9608" --> Word Count (264)
UserId="9608" --> Word Count (6)
UserId="9608" --> Word Count (1)
UserId="9576" --> Word Count (125)
UserId="9591" --> Word Count (41)
UserId="8041" --> Word Count (106)
UserId="378" --> Word Count (100)
UserId="378" --> Word Count (3)
UserId="378" --> Word Count (1)

UserId="8041" --> Word Count (18)
 UserId="9618" --> Word Count (93)
 UserId="9618" --> Word Count (9)
 UserId="9618" --> Word Count (1)
 UserId="609" Comment="fixed a typo" --> Word Count (108)
 UserId="609" --> Word Count (157)
 UserId="182" Comment="Removed aspects unrelated to question. Polished up format a bit. Corrected spelling and grammar." --> Word Count (178)
 UserId="182" Comment="Removed aspects unrelated to question. Polished up format a bit. Corrected spelling and grammar." --> Word Count (8)
 UserId="378" Comment="added 484 characters in body" --> Word Count (134)
 UserId="8285" --> Word Count (136)
 UserId="8285" --> Word Count (10)
 UserId="8285" --> Word Count (1)
 UserId="8953" Comment="the op asks about logistic regression, so added the appropriate tag" --> Word Count (1)
 UserId="964" --> Word Count (153)
 UserId="9628" --> Word Count (64)
 UserId="9085" Comment="expanded" --> Word Count (96)
 UserId="9576" --> Word Count (99)
 UserId="9495" --> Word Count (339)
 UserId="9495" --> Word Count (5)
 UserId="9495" --> Word Count (1)
 UserId="2576" --> Word Count (182)
 UserId="9637" --> Word Count (72)
 UserId="9637" --> Word Count (5)
 UserId="9637" --> Word Count (1)
 UserId="9495" Comment="deleted 4 characters in body" --> Word Count (339)
 UserId="9495" Comment="binary classification" --> Word Count (342)
 UserId="9495" Comment="binary classification" --> Word Count (1)
 UserId="9575" --> Word Count (9)
 UserId="9644" --> Word Count (311)
 UserId="9644" --> Word Count (15)
 UserId="9644" --> Word Count (1)
 UserId="9637" Comment="added 240 characters in body" --> Word Count (99)
 UserId="9637" Comment="added 240 characters in body" --> Word Count (5)
 UserId="9003" --> Word Count (213)
 UserId="9003" --> Word Count (11)
 UserId="9003" --> Word Count (1)
 UserId="7922" --> Word Count (195)
 UserId="7922" --> Word Count (6)
 UserId="7922" --> Word Count (1)
 UserId="9511" --> Word Count (327)
 UserId="9511" --> Word Count (4)
 UserId="9511" --> Word Count (1)
 UserId="8878" --> Word Count (309)
 UserId="2452" --> Word Count (58)
 UserId="9654" --> Word Count (85)

UserId="9663" --> Word Count (262)
 UserId="9663" --> Word Count (9)
 UserId="9663" --> Word Count (1)
 UserId="9662" --> Word Count (121)
 UserId="9662" --> Word Count (21)
 UserId="9662" --> Word Count (1)
 UserId="9665" --> Word Count (156)
 UserId="9665" --> Word Count (7)
 UserId="9665" --> Word Count (1)
 UserId="9667" --> Word Count (126)
 UserId="1279" --> Word Count (162)
 UserId="9667" --> Word Count (390)
 UserId="471" --> Word Count (36)
 UserId="2452" --> Word Count (158)
 UserId="471" Comment="added 179 characters in body" --> Word Count (67)
 UserId="8878" --> Word Count (52)
 UserId="9684" --> Word Count (696)
 UserId="9684" --> Word Count (16)
 UserId="9684" --> Word Count (1)
 UserId="471" Comment="unnecessary and distracting details in the title" -->
 Word Count (13)
 UserId="2452" --> Word Count (136)
 UserId="9689" --> Word Count (141)
 UserId="9689" --> Word Count (15)
 UserId="9689" --> Word Count (1)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="816" Comment="some typos and commas " --> Word Count (57)
 UserId="9667" Comment="The question isn't about R - it's more general. Including
 the R reference definition is great, but I've taken out the tag for R because
 the question is more general." --> Word Count (234)
 UserId="9667" Comment="The question isn't about R - it's more general. Including
 the R reference definition is great, but I've taken out the tag for R because
 the question is more general." --> Word Count (1)
 UserId="8878" Comment="Corrected spelling and grammar " --> Word Count (147)
 UserId="108" --> Word Count (627)
 UserId="9690" --> Word Count (44)
 UserId="9690" --> Word Count (7)
 UserId="9690" --> Word Count (1)
 UserId="115" Comment="improved response by adding an image and making the
 example simpler" --> Word Count (305)
 UserId="115" Comment="added 2 characters in body" --> Word Count (151)
 UserId="9693" --> Word Count (1169)
 UserId="9693" --> Word Count (8)
 UserId="9693" --> Word Count (1)
 UserId="113" Comment="deleted 84 characters in body" --> Word Count (181)
 UserId="8953" Comment="the op is using r, so added the corresponding tag" -->
 Word Count (1)
 UserId="9695" --> Word Count (46)

UserId="9695" --> Word Count (14)
 UserId="9695" --> Word Count (1)
 UserId="9587" --> Word Count (62)
 UserId="836" --> Word Count (138)
 UserId="836" Comment="added 488 characters in body" --> Word Count (232)
 UserId="836" Comment="added 1 character in body" --> Word Count (232)
 UserId="9699" --> Word Count (158)
 UserId="9699" --> Word Count (2)
 UserId="9699" --> Word Count (1)
 UserId="9700" --> Word Count (247)
 UserId="9700" --> Word Count (84)
 UserId="9497" Comment="added 15 characters in body" --> Word Count (88)
 UserId="9706" --> Word Count (48)
 UserId="9706" --> Word Count (17)
 UserId="9706" --> Word Count (1)
 UserId="9706" Comment="added 245 characters in body" --> Word Count (84)
 UserId="9706" Comment="added 11761 characters in body; edited title" --> Word Count (3268)
 UserId="9706" Comment="added 11761 characters in body; edited title" --> Word Count (15)
 UserId="9706" Comment="added 11 characters in body; edited title" --> Word Count (3270)
 UserId="9706" Comment="added 11 characters in body; edited title" --> Word Count (14)
 UserId="97" --> Word Count (141)
 UserId="97" Comment="cosmetic text change" --> Word Count (148)
 UserId="97" Comment="relevant name + retag" --> Word Count (5)
 UserId="97" Comment="relevant name + retag" --> Word Count (1)
 UserId="9714" --> Word Count (332)
 UserId="9714" --> Word Count (9)
 UserId="9714" --> Word Count (1)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="8953" Comment="the op is looking for a java solution, so added the corresponding tag" --> Word Count (1)
 UserId="8953" Comment="the op is looking to collapse several variables to one, to added the dimensionality reduction tag" --> Word Count (1)
 UserId="9718" --> Word Count (424)
 UserId="3457" --> Word Count (267)
 UserId="3457" --> Word Count (213)
 UserId="4776" --> Word Count (86)
 UserId="9724" --> Word Count (107)
 UserId="9724" --> Word Count (14)
 UserId="9724" --> Word Count (1)
 UserId="9724" Comment="added 76 characters in body" --> Word Count (121)
 UserId="836" Comment="added 49 characters in body" --> Word Count (241)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)

UserId="108" --> Word Count (325)
 UserId="1283" --> Word Count (71)
 UserId="1283" --> Word Count (7)
 UserId="1283" --> Word Count (1)
 UserId="9634" --> Word Count (105)
 UserId="9634" Comment="added 495 characters in body" --> Word Count (169)
 UserId="10171" --> Word Count (219)
 UserId="10171" --> Word Count (9)
 UserId="10171" --> Word Count (1)
 UserId="1283" --> Word Count (26)
 UserId="9747" --> Word Count (45)
 UserId="9747" --> Word Count (7)
 UserId="9747" --> Word Count (1)
 UserId="9718" Comment="added 21 characters in body" --> Word Count (417)
 UserId="9724" Comment="edited tags" --> Word Count (1)
 UserId="2452" --> Word Count (80)
 UserId="378" --> Word Count (341)
 UserId="8152" --> Word Count (175)
 UserId="8152" --> Word Count (56)
 UserId="378" Comment="spelling and grammar corrected" --> Word Count (178)
 UserId="9684" Comment="deleted 18 characters in body" --> Word Count (697)
 UserId="9448" --> Word Count (798)
 UserId="1367" --> Word Count (732)
 UserId="5211" --> Word Count (137)
 UserId="5211" --> Word Count (9)
 UserId="5211" --> Word Count (1)
 UserId="9724" Comment="added 377 characters in body" --> Word Count (176)
 UserId="9521" --> Word Count (59)
 UserId="9521" --> Word Count (8)
 UserId="9521" --> Word Count (1)
 UserId="9724" Comment="more description and attach sample data" --> Word Count (206)
 UserId="9724" Comment="added 47 characters in body" --> Word Count (214)
 UserId="1367" --> Word Count (434)
 UserId="1367" Comment="added 200 characters in body" --> Word Count (466)
 UserId="1367" Comment="Indent verbatim data" --> Word Count (247)
 UserId="9433" Comment="Code formatting." --> Word Count (586)
 UserId="9433" Comment="Code formatting." --> Word Count (1)
 UserId="9768" --> Word Count (123)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="9769" --> Word Count (109)
 UserId="9771" --> Word Count (24)
 UserId="9771" --> Word Count (5)
 UserId="9771" --> Word Count (1)
 UserId="97" --> Word Count (21)
 UserId="97" Comment="more info" --> Word Count (64)
 UserId="9776" --> Word Count (50)
 UserId="9769" --> Word Count (138)

UserId="9769" --> Word Count (13)
 UserId="9769" --> Word Count (1)
 UserId="9769" --> Word Count (41)
 UserId="964" --> Word Count (189)
 UserId="8953" Comment="added graphical examples" --> Word Count (613)
 UserId="97" Comment="more relevant tags" --> Word Count (1)
 UserId="8953" Comment="the op asks about the difference between two graph/decision tree terms: canonical and isomorphic. therefore, added the terminology tag." --> Word Count (1)
 UserId="816" Comment="edited markdown " --> Word Count (2024)
 UserId="847" --> Word Count (66)
 UserId="847" --> Word Count (14)
 UserId="847" --> Word Count (1)
 UserId="847" --> Word Count (192)
 UserId="9787" --> Word Count (53)
 UserId="9787" --> Word Count (72)
 UserId="9787" --> Word Count (72)
 UserId="847" Comment="added 57 characters in body" --> Word Count (71)
 UserId="9788" --> Word Count (151)
 UserId="9788" --> Word Count (8)
 UserId="9788" --> Word Count (1)
 UserId="8953" Comment="the op asks about deep learning, so added the corresponding tag" --> Word Count (1)
 UserId="8953" Comment="the op asks about boosting in r, so added the corresponding tag" --> Word Count (1)
 UserId="9793" --> Word Count (71)
 UserId="9793" --> Word Count (10)
 UserId="9793" --> Word Count (1)
 UserId="8152" --> Word Count (123)
 UserId="8354" --> Word Count (15)
 UserId="1330" --> Word Count (68)
 UserId="9593" --> Word Count (66)
 UserId="9799" --> Word Count (73)
 UserId="9799" --> Word Count (3)
 UserId="9799" --> Word Count (1)
 UserId="9801" --> Word Count (134)
 UserId="9801" Comment="added 10 characters in body" --> Word Count (137)
 UserId="9801" --> Word Count (96)
 UserId="9801" --> Word Count (27)
 UserId="9801" Comment="edited body" --> Word Count (137)
 UserId="9802" --> Word Count (55)
 UserId="9802" --> Word Count (18)
 UserId="9802" --> Word Count (1)
 UserId="9804" --> Word Count (41)
 UserId="9801" --> Word Count (84)
 UserId="9801" Comment="added 9 characters in body" --> Word Count (86)
 UserId="9766" --> Word Count (30)
 UserId="1367" Comment="Summarize links and change order of paragraphs" --> Word

Count (48)

UserId="9801" Comment="fixed grammar" --> Word Count (66)

UserId="84" --> Word Count (119)

UserId="84" Comment="added 88 characters in body" --> Word Count (50)

UserId="8953" Comment="the op is looking to identify significant variables in a classification problem, so added the corresponding tag" --> Word Count (1)

UserId="1367" Comment="Make title represent the content and rephrased as an actual question" --> Word Count (23)

UserId="1367" Comment="Make title represent the content and rephrased as an actual question" --> Word Count (6)

UserId="9801" Comment="added tags" --> Word Count (1)

UserId="9801" Comment="added tags" --> Word Count (1)

UserId="1367" Comment="Changed verbal phrase and removed non-question paragraph" --> Word Count (27)

UserId="9807" --> Word Count (212)

UserId="9807" --> Word Count (7)

UserId="9807" --> Word Count (1)

UserId="97" Comment="add link to image" --> Word Count (63)

UserId="9593" --> Word Count (324)

UserId="9801" Comment="added 4 characters in body" --> Word Count (137)

UserId="182" Comment="Edited tags. Added definition for acronym." --> Word Count (215)

UserId="182" Comment="Edited tags. Added definition for acronym." --> Word Count (1)

UserId="4676" --> Word Count (181)

UserId="4676" --> Word Count (8)

UserId="4676" --> Word Count (1)

UserId="75" --> Word Count (16)

UserId="75" Comment="Added to answer" --> Word Count (46)

UserId="75" Comment="improved formatting" --> Word Count (243)

UserId="-1" --> Word Count (1)

UserId="-1" --> Word Count (1)

UserId="4836" --> Word Count (28)

UserId="4836" --> Word Count (12)

UserId="4836" --> Word Count (1)

UserId="9766" --> Word Count (138)

UserId="172" Comment="cosmetic changes" --> Word Count (181)

UserId="172" Comment="cosmetic changes" --> Word Count (8)

UserId="8657" --> Word Count (1201)

UserId="8657" --> Word Count (10)

UserId="8657" --> Word Count (1)

UserId="9801" Comment="improved formatting" --> Word Count (1175)

UserId="8657" Comment="deleted 54 characters in body" --> Word Count (1167)

UserId="75" --> Word Count (73)

UserId="75" --> Word Count (69)

UserId="9828" --> Word Count (39)

UserId="75" --> Word Count (10)

UserId="9593" --> Word Count (54)

UserId="9828" --> Word Count (124)
UserId="182" Comment="Rephrased for clarity" --> Word Count (16)
UserId="75" Comment="Improved formatting" --> Word Count (69)
UserId="75" Comment="Restructured the question" --> Word Count (52)
UserId="75" Comment="added 239 characters in body" --> Word Count (35)
UserId="75" Comment="fixed grammer" --> Word Count (165)
UserId="75" Comment="Restructured the question." --> Word Count (106)
UserId="75" Comment="added 825 characters in body" --> Word Count (78)
UserId="21" Comment="103" --> Word Count (2)
UserId="21" Comment="103" --> Word Count (2)
UserId="75" Comment="Added a missing word" --> Word Count (74)
UserId="9461" Comment="added 273 characters in body" --> Word Count (195)
UserId="9461" Comment="added 273 characters in body" --> Word Count (227)
UserId="9461" Comment="edited title" --> Word Count (6)
UserId="75" --> Word Count (49)
UserId="9838" --> Word Count (342)
UserId="9838" --> Word Count (10)
UserId="9838" --> Word Count (1)
UserId="8953" Comment="the op would prefer pyhon or matlab answers, so added the corresponding tags" --> Word Count (1)
UserId="7923" --> Word Count (80)
UserId="7923" --> Word Count (9)
UserId="7923" --> Word Count (1)
UserId="9718" Comment="added 4 characters in body" --> Word Count (418)
UserId="75" --> Word Count (41)
UserId="9852" --> Word Count (59)
UserId="9852" --> Word Count (13)
UserId="9852" --> Word Count (1)
UserId="9852" Comment="added 237 characters in body" --> Word Count (80)
UserId="75" Comment="improved formating" --> Word Count (83)
UserId="75" Comment="improved formating" --> Word Count (7)
UserId="75" --> Word Count (72)
UserId="8729" --> Word Count (39)
UserId="8729" --> Word Count (6)
UserId="8729" --> Word Count (1)
UserId="8878" --> Word Count (263)
UserId="8729" Comment="added 29 characters in body" --> Word Count (43)
UserId="75" Comment="added 760 characters in body" --> Word Count (217)
UserId="8729" --> Word Count (36)
UserId="9856" --> Word Count (233)
UserId="9856" --> Word Count (3)
UserId="9856" --> Word Count (1)
UserId="172" --> Word Count (68)
UserId="8152" --> Word Count (287)
UserId="9793" --> Word Count (102)
UserId="9793" --> Word Count (4)
UserId="9793" --> Word Count (1)
UserId="75" --> Word Count (92)

UserId="9588" --> Word Count (25)
 UserId="97" Comment="this Q is not about recommender system" --> Word Count (1)
 UserId="9322" --> Word Count (37)
 UserId="9322" --> Word Count (2)
 UserId="9322" --> Word Count (1)
 UserId="8953" Comment="the op is asking for time saving recommendations, so added the recommendation tag" --> Word Count (1)
 UserId="8953" --> Word Count (52)
 UserId="8953" Comment="added an example" --> Word Count (176)
 UserId="609" --> Word Count (309)
 UserId="9593" --> Word Count (163)
 UserId="8729" --> Word Count (392)
 UserId="8729" --> Word Count (7)
 UserId="8729" --> Word Count (1)
 UserId="75" --> Word Count (227)
 UserId="75" --> Word Count (10)
 UserId="75" --> Word Count (1)
 UserId="8729" --> Word Count (17)
 UserId="75" Comment="Added details about the question" --> Word Count (265)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="1367" Comment="Use verbatim for data and transition between questions and remark" --> Word Count (102)
 UserId="847" Comment="edited the language to reflect a machine learning problem; added feature-selection tag" --> Word Count (55)
 UserId="847" Comment="edited the language to reflect a machine learning problem; added feature-selection tag" --> Word Count (1)
 UserId="1367" Comment="Break into paragraphs and remove personal stuff" --> Word Count (232)
 UserId="1367" Comment="Break into paragraphs and remove personal stuff" --> Word Count (5)
 UserId="9322" --> Word Count (11)
 UserId="9501" --> Word Count (21)
 UserId="9501" --> Word Count (5)
 UserId="9501" --> Word Count (1)
 UserId="9085" --> Word Count (39)
 UserId="9876" --> Word Count (149)
 UserId="8041" --> Word Count (239)
 UserId="8041" Comment="added 469 characters in body" --> Word Count (315)
 UserId="8895" --> Word Count (80)
 UserId="9724" --> Word Count (135)
 UserId="9724" --> Word Count (7)
 UserId="9724" --> Word Count (1)
 UserId="9880" --> Word Count (59)
 UserId="9880" --> Word Count (2295)
 UserId="9787" --> Word Count (159)

UserId="9787" --> Word Count (10)
 UserId="9787" --> Word Count (1)
 UserId="9085" Comment="extended" --> Word Count (138)
 UserId="9881" --> Word Count (564)
 UserId="9881" --> Word Count (5)
 UserId="9881" --> Word Count (1)
 UserId="8013" --> Word Count (92)
 UserId="8013" --> Word Count (5)
 UserId="8013" --> Word Count (1)
 UserId="8013" Comment="added 71 characters in body" --> Word Count (119)
 UserId="8013" Comment="added 40 characters in body" --> Word Count (126)
 UserId="8013" Comment="added 40 characters in body" --> Word Count (1)
 UserId="8013" Comment="added 108 characters in body" --> Word Count (136)
 UserId="9085" --> Word Count (52)
 UserId="553" Comment="adding the dataset tag, after all the poster is asking for datasets" --> Word Count (1)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="2576" --> Word Count (159)
 UserId="2576" --> Word Count (170)
 UserId="9593" Comment="Add potential solution after paraphrasing the question." --> Word Count (307)
 UserId="9880" --> Word Count (91)
 UserId="4933" --> Word Count (79)
 UserId="4933" --> Word Count (10)
 UserId="4933" --> Word Count (1)
 UserId="8878" --> Word Count (269)
 UserId="552" --> Word Count (117)
 <DELETE> --> Word Count (74)
 <DELETE> --> Word Count (5)
 <DELETE> --> Word Count (1)
 UserId="8878" Comment="added 889 characters in body" --> Word Count (336)
 UserId="924" --> Word Count (74)
 UserId="9901" --> Word Count (118)
 UserId="9907" --> Word Count (63)
 UserId="9907" --> Word Count (8)
 UserId="9907" --> Word Count (1)
 UserId="8878" --> Word Count (15)
 UserId="9483" --> Word Count (68)
 UserId="9914" --> Word Count (14)
 UserId="5224" --> Word Count (40)
 UserId="5224" --> Word Count (13)
 UserId="5224" --> Word Count (1)
 UserId="6514" --> Word Count (220)
 UserId="6514" --> Word Count (6)
 UserId="6514" --> Word Count (1)
 UserId="9793" --> Word Count (53)
 UserId="9793" --> Word Count (5)
 UserId="9793" --> Word Count (1)

UserId="587" --> Word Count (95)
 UserId="9123" --> Word Count (85)
 UserId="9123" --> Word Count (6)
 UserId="9123" --> Word Count (1)
 UserId="5091" --> Word Count (80)
 UserId="5091" --> Word Count (13)
 UserId="5091" --> Word Count (1)
 UserId="609" --> Word Count (60)
 UserId="8878" --> Word Count (94)
 UserId="7720" --> Word Count (46)
 UserId="3466" --> Word Count (83)
 UserId="836" --> Word Count (250)
 UserId="8878" --> Word Count (44)
 UserId="9928" --> Word Count (205)
 UserId="9928" --> Word Count (4)
 UserId="9928" --> Word Count (1)
 UserId="9483" --> Word Count (268)
 UserId="9483" Comment="formatting" --> Word Count (271)
 UserId="9483" Comment="added 83 characters in body" --> Word Count (280)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="8041" Comment="You copy pasted the same sentence twice." --> Word Count (195)
 UserId="847" Comment="added a new tag" --> Word Count (1)
 UserId="847" Comment="added a relevant tag " --> Word Count (1)
 UserId="5091" Comment="added 340 characters in body" --> Word Count (135)
 UserId="9941" --> Word Count (130)
 UserId="9941" --> Word Count (9)
 UserId="9941" --> Word Count (1)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="9946" --> Word Count (156)
 UserId="9947" --> Word Count (525)
 UserId="9947" --> Word Count (8)
 UserId="9947" --> Word Count (1)
 UserId="9314" --> Word Count (22)
 UserId="5091" Comment="deleted 41 characters in body" --> Word Count (115)
 UserId="847" Comment="basic changes in formatting (specifically the numbered format)" --> Word Count (527)
 UserId="115" Comment="added 1 character in body" --> Word Count (151)
 UserId="9769" --> Word Count (224)
 UserId="9769" --> Word Count (22)
 UserId="9769" --> Word Count (1)
 UserId="9799" Comment="added 1092 characters in body" --> Word Count (268)
 UserId="847" --> Word Count (106)
 UserId="847" Comment="added a category" --> Word Count (1)
 UserId="9946" Comment="deleted 101 characters in body" --> Word Count (143)
 UserId="847" --> Word Count (83)

UserId="8338" --> Word Count (110)
UserId="8338" --> Word Count (10)
UserId="8338" --> Word Count (1)
UserId="847" Comment="added more tags " --> Word Count (10)
UserId="847" Comment="added more tags " --> Word Count (1)
UserId="8338" Comment="added 84 characters in body" --> Word Count (121)
UserId="9958" --> Word Count (32)
UserId="9958" --> Word Count (14)
UserId="9958" --> Word Count (1)
UserId="9960" --> Word Count (135)
UserId="9960" --> Word Count (11)
UserId="9960" --> Word Count (1)
UserId="108" --> Word Count (184)
UserId="9724" Comment="added 298 characters in body" --> Word Count (177)
UserId="8041" --> Word Count (150)
UserId="10171" --> Word Count (138)
UserId="10171" --> Word Count (10)
UserId="10171" --> Word Count (1)
UserId="9966" --> Word Count (45)
UserId="847" Comment="added a relevant tag" --> Word Count (1)
UserId="609" Comment="added a relevant tag, improved title" --> Word Count (9)
UserId="843" --> Word Count (229)
UserId="5179" --> Word Count (102)
UserId="847" Comment="fixed grammar and typo " --> Word Count (166)
UserId="816" --> Word Count (84)
UserId="2750" --> Word Count (69)
UserId="847" Comment="edited a minor peice in the content and added tag" -->
Word Count (33)
UserId="847" Comment="edited a minor peice in the content and added tag" -->
Word Count (15)
UserId="847" Comment="edited a minor peice in the content and added tag" -->
Word Count (1)
UserId="847" Comment="added a tag" --> Word Count (1)
UserId="9856" Comment="added 2506 characters in body" --> Word Count (668)
UserId="847" Comment="added a tag" --> Word Count (1)
UserId="9856" Comment="added 100 characters in body" --> Word Count (677)
UserId="9966" --> Word Count (271)
UserId="9966" --> Word Count (7)
UserId="9966" --> Word Count (1)
UserId="9946" Comment="added 1 character in body" --> Word Count (143)
UserId="9966" Comment="added 1 character in body" --> Word Count (271)
UserId="9982" --> Word Count (63)
UserId="9982" --> Word Count (7)
UserId="9982" --> Word Count (1)
UserId="9947" --> Word Count (135)
UserId="9947" --> Word Count (10)
UserId="9947" --> Word Count (1)
UserId="178" --> Word Count (37)

UserId="4897" --> Word Count (356)
 UserId="9986" --> Word Count (49)
 UserId="1133" --> Word Count (89)
 UserId="1133" --> Word Count (9)
 UserId="1133" --> Word Count (1)
 UserId="9988" Text="As you accept vague answers:
Stanford NLP tools are strong for this kind of stuff. NER, POS Tagger maybe, Parsers, etc. Now for machine learning itself, I would try looking up at WEKA, it's got a lot of filtering, classifiers and clustering methods, including StringToWordVector filters, that are, in my opinion, fundamental to text classification. Mostly, the tags you should be looking for are --> Word Count (13)
 UserId="9941" --> Word Count (18)
 UserId="9941" --> Word Count (5)
 UserId="9941" --> Word Count (1)
 UserId="9988" --> Word Count (34)
 UserId="9988" --> Word Count (4)
 UserId="9988" --> Word Count (1)
 UserId="1133" Comment="add-on question" --> Word Count (122)
 UserId="8152" --> Word Count (117)
 UserId="201" --> Word Count (260)
 UserId="201" --> Word Count (7)
 UserId="201" --> Word Count (1)
 UserId="9960" --> Word Count (41)
 UserId="9960" --> Word Count (9)
 UserId="9960" --> Word Count (1)
 UserId="9314" Comment="intentional comment to answer change :-)" --> Word Count (767)
 UserId="9995" --> Word Count (624)
 UserId="9995" --> Word Count (15)
 UserId="9995" --> Word Count (1)
 UserId="8878" --> Word Count (148)
 UserId="9943" --> Word Count (203)
 UserId="9943" Comment="Added more links." --> Word Count (288)
 UserId="8152" --> Word Count (135)
 UserId="10001" --> Word Count (119)
 UserId="10001" --> Word Count (6)
 UserId="10001" --> Word Count (1)
 UserId="10001" Comment="edited tags" --> Word Count (1)
 UserId="10009" --> Word Count (67)
 UserId="7848" --> Word Count (205)
 UserId="7848" --> Word Count (5)
 UserId="7848" --> Word Count (1)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="7720" --> Word Count (87)
 UserId="7720" --> Word Count (4)
 UserId="7720" --> Word Count (1)
 UserId="7720" Comment="added alternative model" --> Word Count (104)

<DELETE> --> Word Count (253)
 UserId="10019" --> Word Count (58)
 UserId="10019" Comment="added secondary term" --> Word Count (62)
 UserId="2452" --> Word Count (55)
 UserId="9941" Comment="Made the questions more specific by giving examples from linear regression." --> Word Count (87)
 UserId="9941" Comment="Made the questions more specific by giving examples from linear regression." --> Word Count (5)
 UserId="21" Comment="105" --> Word Count (2)
 UserId="21" --> Word Count (2)
 UserId="9801" Comment="added 73 characters in body" --> Word Count (133)
 UserId="1133" --> Word Count (99)
 UserId="1133" --> Word Count (3)
 UserId="1133" --> Word Count (1)
 UserId="10036" --> Word Count (94)
 UserId="10036" --> Word Count (10)
 UserId="10036" --> Word Count (1)
 UserId="9793" --> Word Count (212)
 UserId="9793" --> Word Count (7)
 UserId="9793" --> Word Count (1)
 UserId="8878" --> Word Count (163)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="10036" Comment="added 671 characters in body" --> Word Count (164)
 UserId="8878" Comment="added 1761 characters in body" --> Word Count (450)
 UserId="9988" --> Word Count (34)
 UserId="9988" --> Word Count (5)
 UserId="9988" --> Word Count (1)
 UserId="52" --> Word Count (279)
 UserId="9793" --> Word Count (62)
 UserId="9793" --> Word Count (5)
 UserId="9793" --> Word Count (1)
 UserId="8338" --> Word Count (42)
 UserId="8338" --> Word Count (5)
 UserId="8338" --> Word Count (1)
 UserId="9988" --> Word Count (42)
 UserId="9988" --> Word Count (7)
 UserId="9988" --> Word Count (1)
 UserId="9988" Comment="added 7 characters in body" --> Word Count (34)
 UserId="8878" --> Word Count (51)
 UserId="8878" --> Word Count (16)
 UserId="8878" --> Word Count (1)
 UserId="8953" --> Word Count (55)
 UserId="8073" --> Word Count (29)
 UserId="8073" --> Word Count (14)
 UserId="8073" --> Word Count (1)
 UserId="9966" --> Word Count (148)
 UserId="9966" --> Word Count (53)
 UserId="9966" --> Word Count (53)

UserId="8073" --> Word Count (26)
 UserId="9966" Comment="fixed grammar and improved readability." --> Word Count (48)
 UserId="9966" Comment="fixed grammar and improved readability." --> Word Count (16)
 UserId="8878" Comment="fixed grammar and improved readability." --> Word Count (47)
 UserId="9576" --> Word Count (304)
 UserId="9966" Comment="added 1 character in body" --> Word Count (53)
 UserId="9698" --> Word Count (21)
 UserId="8275" --> Word Count (67)
 UserId="8275" --> Word Count (436)
 UserId="2452" --> Word Count (100)
 UserId="2452" Comment="Added section on IBM's Watson." --> Word Count (203)
 UserId="9663" --> Word Count (170)
 UserId="9663" --> Word Count (7)
 UserId="9663" --> Word Count (1)
 UserId="9576" Comment="missing a word" --> Word Count (305)
 UserId="9943" --> Word Count (178)
 UserId="6514" --> Word Count (118)
 UserId="6514" Text=" --> Word Count (10)
 UserId="6514" --> Word Count (1)
 UserId="8953" Comment="the op specifically asks about java, so added the corresponding tag" --> Word Count (1)
 UserId="847" Comment="formatted equations and removed a tag " --> Word Count (29)
 UserId="847" Comment="formatted equations and removed a tag " --> Word Count (12)
 UserId="847" Comment="formatted equations and removed a tag " --> Word Count (1)
 UserId="9966" --> Word Count (84)
 UserId="9966" Comment="edit " --> Word Count (85)
 UserId="847" Comment="added a tag" --> Word Count (1)
 UserId="10085" UserDisplayName="Rohit" --> Word Count (116)
 UserId="10085" UserDisplayName="Rohit" --> Word Count (9)
 UserId="10085" UserDisplayName="Rohit" --> Word Count (1)
 UserId="10083" --> Word Count (267)
 UserId="10083" --> Word Count (8)
 UserId="10083" --> Word Count (1)
 UserId="10085" Comment="edited tags" --> Word Count (1)
 UserId="9663" Comment="Sorry for my typo. Here my objective is compare each brand of milk." --> Word Count (172)
 UserId="7966" --> Word Count (137)
 UserId="7966" --> Word Count (7)
 UserId="7966" --> Word Count (1)
 UserId="178" --> Word Count (58)
 UserId="178" --> Word Count (52)
 UserId="178" Comment="Formatted for MathJax support" --> Word Count (152)

UserId="10086" --> Word Count (23)
 UserId="3044" --> Word Count (167)
 UserId="3044" --> Word Count (9)
 UserId="3044" --> Word Count (1)
 UserId="3044" Comment="deleted 4 characters in body" --> Word Count (166)
 UserId="609" Comment="Corrected grammar and clarified the question." --> Word Count (53)
 UserId="10100" --> Word Count (50)
 UserId="10100" --> Word Count (5)
 UserId="10100" --> Word Count (1)
 UserId="7966" --> Word Count (140)
 UserId="7966" --> Word Count (153)
 UserId="7966" --> Word Count (5)
 UserId="7966" --> Word Count (1)
 UserId="6514" Comment="added 39 characters in body" --> Word Count (111)
 UserId="7966" --> Word Count (34)
 UserId="3151" --> Word Count (81)
 UserId="3151" --> Word Count (7)
 UserId="3151" --> Word Count (1)
 UserId="9698" --> Word Count (103)
 UserId="10114" --> Word Count (104)
 UserId="10114" --> Word Count (8)
 UserId="10114" --> Word Count (1)
 UserId="10119" Comment="Copy editing" --> Word Count (103)
 UserId="1242" --> Word Count (278)
 UserId="1242" --> Word Count (3)
 UserId="1242" --> Word Count (1)
 UserId="1242" Comment="added 3 characters in body" --> Word Count (281)
 UserId="1242" Comment="added 109 characters in body" --> Word Count (299)
 UserId="847" --> Word Count (276)
 UserId="10123" --> Word Count (77)
 UserId="10123" --> Word Count (8)
 UserId="10123" --> Word Count (1)
 UserId="3151" Comment="added 105 characters in body" --> Word Count (99)
 UserId="9728" --> Word Count (25)
 UserId="9728" --> Word Count (9)
 UserId="9728" --> Word Count (1)
 UserId="8275" --> Word Count (182)
 UserId="847" Comment="edited answer to reflect what the questioner was asking" --> Word Count (654)
 UserId="847" Comment="added LaTeX" --> Word Count (44)
 UserId="7966" Comment="answer to a comment and further precisions" --> Word Count (255)
 UserId="10127" --> Word Count (102)
 UserId="10127" --> Word Count (7)
 UserId="10127" --> Word Count (1)
 UserId="10127" Comment="edited title" --> Word Count (7)
 UserId="10127" --> Word Count (55)

UserId="2576" --> Word Count (113)
UserId="10127" --> Word Count (58)
UserId="10127" --> Word Count (64)
UserId="9793" --> Word Count (76)
UserId="9793" --> Word Count (14)
UserId="9793" --> Word Count (1)
UserId="10131" --> Word Count (52)
UserId="10131" --> Word Count (11)
UserId="10131" --> Word Count (1)
UserId="7966" --> Word Count (59)
UserId="7966" --> Word Count (9)
UserId="7966" --> Word Count (1)
UserId="7966" Comment="added 222 characters in body" --> Word Count (86)
UserId="5211" --> Word Count (154)
UserId="5211" --> Word Count (8)
UserId="5211" --> Word Count (1)
UserId="1242" Comment="deleted 10 characters in body" --> Word Count (300)
UserId="10138" --> Word Count (194)
UserId="10138" --> Word Count (8)
UserId="10138" --> Word Count (1)
UserId="3466" --> Word Count (237)
UserId="10141" --> Word Count (126)
UserId="10141" --> Word Count (6)
UserId="10141" --> Word Count (1)
UserId="8275" --> Word Count (126)
UserId="21" Comment="103" --> Word Count (2)
UserId="3466" Comment="Changed title to be more descriptive." --> Word Count (7)
UserId="75" Comment="Added link to No Free Lunch Theorem" --> Word Count (305)
UserId="847" Comment="added a tag" --> Word Count (1)
UserId="8820" --> Word Count (291)
UserId="8820" --> Word Count (4)
UserId="8820" --> Word Count (1)
UserId="9167" --> Word Count (938)
UserId="9167" --> Word Count (6)
UserId="9167" --> Word Count (1)
UserId="10148" --> Word Count (186)
UserId="9766" --> Word Count (33)
UserId="9766" --> Word Count (8)
UserId="9766" --> Word Count (1)
UserId="10150" --> Word Count (136)
UserId="10150" --> Word Count (6)
UserId="10150" --> Word Count (1)
UserId="5084" --> Word Count (24)
UserId="10131" Comment="added 916 characters in body" --> Word Count (197)
UserId="9637" --> Word Count (44)
UserId="9637" --> Word Count (6)
UserId="9637" --> Word Count (1)

UserId="9943" --> Word Count (119)
 UserId="9793" --> Word Count (49)
 UserId="9793" --> Word Count (11)
 UserId="9793" --> Word Count (1)
 UserId="1127" --> Word Count (93)
 UserId="1127" --> Word Count (7)
 UserId="1127" --> Word Count (1)
 UserId="8878" --> Word Count (254)
 UserId="2961" Comment="improved formatting" --> Word Count (53)
 UserId="2961" Comment="improved formatting" --> Word Count (11)
 UserId="8878" Comment="Corrected spelling and grammar" --> Word Count (46)
 UserId="8878" Comment="Corrected spelling and grammar" --> Word Count (1)
 UserId="8275" --> Word Count (31)
 UserId="9637" Comment="Add example of real data" --> Word Count (63)
 UserId="8878" Comment="added 1198 characters in body" --> Word Count (421)
 UserId="10127" --> Word Count (30)
 UserId="10170" --> Word Count (187)
 UserId="10170" --> Word Count (11)
 UserId="10170" --> Word Count (1)
 UserId="5043" --> Word Count (151)
 UserId="5043" --> Word Count (4)
 UserId="5043" --> Word Count (1)
 UserId="97" Comment="I've got a 'popular question' badge for this question: it is interesting for community. And should be reopened." --> Word Count (73)
 UserId="8275" --> Word Count (118)
 UserId="5043" Comment="edited tags" --> Word Count (1)
 UserId="8152" --> Word Count (165)
 UserId="5043" Comment="added 763 characters in body" --> Word Count (295)
 UserId="9766" --> Word Count (62)
 UserId="9637" Comment="I obtain acceptable solution" --> Word Count (84)
 UserId="9637" --> Word Count (18)
 UserId="843" --> Word Count (128)
 UserId="847" Comment="fixed grammar, made question more focused " --> Word Count (64)
 UserId="97" Comment="fixed grammar, made question more focused " --> Word Count (64)
 UserId="7966" --> Word Count (435)
 UserId="9974" --> Word Count (860)
 UserId="21" --> Word Count (2)
 UserId="7720" --> Word Count (266)
 UserId="3151" Comment="edited body" --> Word Count (99)
 UserId="9793" --> Word Count (145)
 UserId="9793" --> Word Count (6)
 UserId="9793" --> Word Count (1)
 UserId="2961" Comment="improved formatting" --> Word Count (261)
 UserId="9793" Comment="improved formatting" --> Word Count (264)
 UserId="9793" Comment="improved formatting" --> Word Count (8)

UserId="5303" --> Word Count (42)
 UserId="7966" Comment="add a small bibliography that can help readers to better understand my question" --> Word Count (322)
 UserId="21" --> Word Count (2)
 UserId="10201" --> Word Count (134)
 UserId="10201" --> Word Count (9)
 UserId="10201" --> Word Count (1)
 UserId="10210" --> Word Count (133)
 UserId="10210" --> Word Count (22)
 UserId="10210" --> Word Count (1)
 UserId="3151" --> Word Count (99)
 UserId="3151" --> Word Count (5)
 UserId="3151" --> Word Count (1)
 UserId="3151" --> Word Count (59)
 UserId="3151" --> Word Count (6)
 UserId="3151" --> Word Count (1)
 UserId="10210" Comment="via Vote" --> Word Count (1)
 UserId="10210" --> Word Count (1)
 UserId="8878" --> Word Count (153)
 UserId="10201" Comment="provide more details" --> Word Count (274)
 UserId="5303" --> Word Count (160)
 UserId="10187" --> Word Count (58)
 UserId="10187" --> Word Count (9)
 UserId="10187" --> Word Count (1)
 UserId="8953" --> Word Count (249)
 UserId="10225" --> Word Count (94)
 UserId="10225" --> Word Count (11)
 UserId="10225" --> Word Count (1)
 UserId="9966" --> Word Count (94)
 UserId="3466" --> Word Count (70)
 UserId="5055" --> Word Count (13)
 UserId="9966" Comment="grammar, formatting and lucidity" --> Word Count (95)
 UserId="9966" Comment="grammar, formatting and lucidity" --> Word Count (11)
 UserId="434" Comment="grammar, formatting and lucidity" --> Word Count (93)
 UserId="10201" Comment="add codes" --> Word Count (346)
 UserId="10201" Comment="number updates" --> Word Count (352)
 UserId="9039" --> Word Count (136)
 UserId="9039" --> Word Count (8)
 UserId="9039" --> Word Count (1)
 UserId="5091" --> Word Count (37)
 UserId="5091" --> Word Count (4)
 UserId="5091" --> Word Count (1)
 UserId="5091" --> Word Count (66)
 UserId="10232" --> Word Count (204)
 UserId="10232" --> Word Count (9)
 UserId="10232" --> Word Count (1)
 UserId="816" Comment="added 34 characters in body" --> Word Count (194)
 UserId="5091" Comment="added 458 characters in body" --> Word Count (112)

UserId="9943" --> Word Count (40)
 UserId="816" --> Word Count (23)
 UserId="2454" --> Word Count (64)
 UserId="9956" --> Word Count (392)
 UserId="9966" --> Word Count (185)
 UserId="816" Comment="deleted 1 character in body" --> Word Count (23)
 UserId="7848" --> Word Count (22)
 UserId="10255" --> Word Count (195)
 UserId="10255" --> Word Count (6)
 UserId="10255" --> Word Count (1)
 UserId="10255" Comment="edited title" --> Word Count (6)
 UserId="816" --> Word Count (144)
 UserId="924" Comment="This is not clustering (see description)" --> Word Count (1)
 UserId="924" --> Word Count (76)
 UserId="5091" --> Word Count (38)
 UserId="5043" --> Word Count (94)
 UserId="5043" --> Word Count (11)
 UserId="5043" --> Word Count (1)
 UserId="5279" --> Word Count (29)
 UserId="9123" --> Word Count (49)
 UserId="9123" --> Word Count (10)
 UserId="9123" --> Word Count (1)
 UserId="10270" Text="The problem with your code is not with the reading part.
If you open your `test.csv` in Notepad++ you will see something like this:

![file written from R][1]

If you edit it in Notepad++ so that it looks like 

![file edited in Notepad++] [2]

and then you run this:

testdf <- read.csv("test.csv";encoding="UTF-8")
testdf[1,3]
 testdf\$list2
plot(1:10,main=testdf[2,3])

You will see that there is no problem.

So in fact there are two problems:

 1. When writing Unicode text, R changes it back to system locale and then again to unicode, that's why writing data to csv file does not work correctly.

 2. R has problems showing Unicode data in `data.frame` so even after reading it correctly, `testdf` would print those codes there not the Unicode characters.

see this question on [Writing Unicode Text into Text File from R (in Windows)] [3]


 [1]:
<http://i.stack.imgur.com/IhqXP.png>
 [2]:
<http://i.stack.imgur.com/909pp.png>
 [3]:
<http://r.789695.n4.nabble.com/Writing-Unicode-Text-into-> --> Word Count (1)
 UserId="10270" Comment="added 184 characters in body" Text="First of all I should mention that this is an OS specific question. You will see this problem in Windows but not in Linux (I'm not sure about OS X, but maybe no problem there too.)

The problem with your code is not with the reading part.
If you open your `test.csv` in Notepad++ you will see something like this:

![file written from R][1]

If

you edit it in Notepad++ so that it looks like `

![file edited in Notepad++] [2]

` and then you run this:
`

testdf <- read.csv("test.csv",encoding="UTF-8")
`
`
testdf[1,3]
testdf$list2
`
`
plot(1:10,main=testdf2[2,3])

` You will see that there is no problem.
`

` So in fact there are two problems:
`

` 1. When writing Unicode text, R changes it back to system locale and then again to unicode, that's why writing data to csv file does not work correctly.
`

` 2. R has problems showing Unicode data in `data.frame` so even after reading it correctly, `testdf` would print those codes there not the Unicode characters.
`

` see this question on [Writing Unicode Text into Text File from R (in Windows)] [3] `


` [1]:
<http://i.stack.imgur.com/IhqXP.png> `
` [2]:
<http://i.stack.imgur.com/909pp.png> `
` [3]:
[http://r.789695.n4.nabble.com/Writing-Unicode-Text-into-Word-Count-1-UserId=10270-Comment=added-the-opening-note-on-OS-specific-nature-of-this-question-and-also-a-link-to-a-related-question-on-stackoverflow-at-the-end.-Text=First-of-all-I-should-mention-that-this-is-an-OS-specific-question.-You-will-see-this-problem-in-Windows-but-not-in-Linux-\(I'm-not-sure-about-OS-X,-but-maybe-no-problem-there-too.\)

](http://r.789695.n4.nabble.com/Writing-Unicode-Text-into-Word-Count-1-UserId=10270-Comment=added-the-opening-note-on-OS-specific-nature-of-this-question-and-also-a-link-to-a-related-question-on-stackoverflow-at-the-end.-Text=First-of-all-I-should-mention-that-this-is-an-OS-specific-question.-You-will-see-this-problem-in-Windows-but-not-in-Linux-(I'm-not-sure-about-OS-X,-but-maybe-no-problem-there-too.)

)
The problem with your code is not with the reading part.
`

` If you open your `test.csv` in Notepad++ you will see something like this:
`

![file written from R] [1]

`
If you edit it in Notepad++ so that it looks like `

![file edited in Notepad++] [2]

` and then you run this:
`

testdf <- read.csv("test.csv",encoding="UTF-8")
`
`
testdf[1,3]
testdf$list2
`
`
plot(1:10,main=testdf2[2,3])

` You will see that there is no problem.
`

` So in fact there are two problems:
`

` 1. When writing Unicode text, R changes it back to system locale and then again to unicode, that's why writing data to csv file does not work correctly.
`

` 2. R has problems showing Unicode data in `data.frame` so even after reading it correctly, `testdf` would print those codes there not the Unicode characters.
`

` see this question on [Writing Unicode Text into Text File from R (in Windows)] [3] in R mailing list archives,
`

` and also this question on [UTF-8 file output in R] [4] on stackoverflow.
`


` [1]:
<http://i.stack.imgur.com/IhqXP.png> `
` [2]:
<http://i.stack.imgur.com/909pp.png> `
` [3]:
<http://r.789695.n4.nabble.com/Writing-Unicode-Text-into-Word-Count-4-UserId=10272-->Word-Count-31-UserId=10272-->Word-Count-10-UserId=10272-->Word-Count-1-UserId=10275-->Word-Count-385-UserId=10275-->Word-Count-8-UserId=10275-->Word-Count-1-UserId=10265-->Word-Count-885->

UserId="10265" --> Word Count (7)
 UserId="10265" --> Word Count (1)
 UserId="10275" Comment="added 443 characters in body" --> Word Count (459)
 UserId="2961" Comment="added jupyter.org" --> Word Count (107)
 UserId="9966" --> Word Count (191)
 UserId="10275" Comment="deleted 226 characters in body" --> Word Count (419)
 UserId="609" --> Word Count (334)
 UserId="9924" --> Word Count (15)
 UserId="10293" --> Word Count (81)
 UserId="10293" --> Word Count (10)
 UserId="10293" --> Word Count (1)
 UserId="9444" --> Word Count (59)
 UserId="9444" --> Word Count (11)
 UserId="9444" --> Word Count (1)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="9486" --> Word Count (199)
 UserId="9486" --> Word Count (8)
 UserId="9486" --> Word Count (1)
 UserId="6514" --> Word Count (129)
 UserId="6514" --> Word Count (5)
 UserId="6514" --> Word Count (1)
 UserId="2673" --> Word Count (68)
 UserId="2673" --> Word Count (10)
 UserId="2673" --> Word Count (1)
 UserId="241" Comment="Updated dead links." --> Word Count (81)
 UserId="3152" --> Word Count (166)
 UserId="10102" --> Word Count (90)
 UserId="10102" --> Word Count (16)
 UserId="10102" --> Word Count (1)
 UserId="10327" UserDisplayName="xof6" --> Word Count (72)
 UserId="10327" UserDisplayName="xof6" --> Word Count (6)
 UserId="10327" UserDisplayName="xof6" --> Word Count (1)
 UserId="10300" --> Word Count (97)
 UserId="10300" --> Word Count (12)
 UserId="10300" --> Word Count (1)
 UserId="10303" --> Word Count (40)
 UserId="10305" --> Word Count (8)
 UserId="8275" --> Word Count (35)
 UserId="10303" --> Word Count (8)
 UserId="8462" --> Word Count (47)
 UserId="8462" --> Word Count (71)
 UserId="609" --> Word Count (120)
 UserId="21" Comment="added 1 character in body" --> Word Count (128)
 UserId="10102" Comment="clarify and specify that ML is required" --> Word Count (102)
 UserId="2643" --> Word Count (34)
 UserId="2643" --> Word Count (12)
 UserId="2643" --> Word Count (1)

UserId="10314" --> Word Count (25)
 UserId="10314" --> Word Count (8)
 UserId="10314" --> Word Count (1)
 UserId="8999" --> Word Count (26)
 UserId="8999" --> Word Count (6)
 UserId="8999" --> Word Count (1)
 UserId="10314" Comment="edited body" --> Word Count (25)
 UserId="7969" --> Word Count (61)
 UserId="7969" --> Word Count (156)
 UserId="982" --> Word Count (177)
 UserId="982" --> Word Count (6)
 UserId="982" --> Word Count (1)
 UserId="9225" --> Word Count (117)
 UserId="9225" --> Word Count (7)
 UserId="9225" --> Word Count (1)
 UserId="9966" --> Word Count (210)
 UserId="10275" Comment="added 171 characters in body" --> Word Count (447)
 UserId="10318" --> Word Count (210)
 UserId="10318" --> Word Count (5)
 UserId="10318" --> Word Count (1)
 UserId="9039" Comment="added 596 characters in body" --> Word Count (291)
 UserId="7969" Comment="deleted 9 characters in body" --> Word Count (155)
 UserId="10322" --> Word Count (65)
 UserId="10322" --> Word Count (4)
 UserId="10322" --> Word Count (1)
 <DELETE> --> Word Count (209)
 UserId="9966" Text="I have a solution that might not be very standardized but will suffice your need. Copy all of your data into any advanced text editor like, Notepad++ or Sublime --> Word Count (19)
 UserId="9943" --> Word Count (67)
 UserId="9225" Comment="edited title" --> Word Count (8)
 UserId="9943" Comment="added more details" --> Word Count (132)
 UserId="9444" --> Word Count (38)
 UserId="9444" --> Word Count (6)
 UserId="9444" --> Word Count (1)
 UserId="10335" --> Word Count (76)
 UserId="10335" --> Word Count (8)
 UserId="10335" --> Word Count (1)
 UserId="9966" --> Word Count (12)
 UserId="9966" Comment="fixed grammar" --> Word Count (270)
 UserId="10344" --> Word Count (54)
 UserId="10344" --> Word Count (5)
 UserId="10344" --> Word Count (1)
 UserId="10346" --> Word Count (199)
 UserId="10346" --> Word Count (5)
 UserId="10346" --> Word Count (1)
 UserId="609" Comment="clarified title" --> Word Count (10)
 UserId="609" Comment="Corrected grammar and clarified the question." --> Word

Count (85)

UserId="609" Comment="Corrected grammar and clarified the question." --> Word Count (9)

UserId="609" --> Word Count (22)

UserId="843" Comment="added 46 characters in body" --> Word Count (128)

UserId="5091" --> Word Count (47)

UserId="843" Comment="added 132 characters in body" --> Word Count (142)

UserId="10352" --> Word Count (67)

UserId="10352" --> Word Count (70)

UserId="10352" --> Word Count (30)

UserId="10352" --> Word Count (43)

UserId="10353" --> Word Count (40)

UserId="10353" --> Word Count (15)

UserId="10353" --> Word Count (1)

UserId="5091" --> Word Count (88)

UserId="9793" --> Word Count (44)

UserId="9793" --> Word Count (12)

UserId="9793" --> Word Count (1)

UserId="10171" --> Word Count (65)

UserId="10171" --> Word Count (8)

UserId="10171" --> Word Count (1)

UserId="9966" --> Word Count (17)

UserId="5303" --> Word Count (133)

UserId="6527" --> Word Count (421)

UserId="6527" --> Word Count (10)

UserId="6527" --> Word Count (1)

<DELETE> --> Word Count (79)

UserId="8013" --> Word Count (22)

UserId="8013" --> Word Count (4)

UserId="8013" --> Word Count (1)

UserId="10365" --> Word Count (96)

UserId="10365" --> Word Count (19)

UserId="10365" --> Word Count (1)

UserId="8878" --> Word Count (10)

UserId="9123" --> Word Count (18)

UserId="10314" --> Word Count (26)

<DELETE> --> Word Count (319)

UserId="5091" --> Word Count (27)

UserId="5091" --> Word Count (3)

UserId="5091" --> Word Count (1)

UserId="10337" Comment="added language code for syntax highlighting, fixed angular brackets" Text="My company provides managed services to a lot of its clients. Our customers typically uses following monitoring tools to monitor their servers/webapps:

 1. OpsView
 2. Nagios
 4. Pingdom
 5. Custom shell scripts

Whenever any issue is found, an alert mail comes to our Ops team so that they act upon rectifying the issue.

As we manage thousands of servers, our Ops teams' inbox is flooded with email

alerts all the time. Even a single issue which has a cascading effect, can trigger 20-30 emails. Now, what I want to do is to implement a system which will be able to extract important features out of an alert email - like server IP address, type of problem, severity of problem etc. and also classify the emails into proper category, like `CPU-Load-Customer1-Server2, MySQL-Replication-Customer2-DBServer3` etc. We will then have a pre-defined set of debugging steps for each category, in order to help the Ops team to rectify the problem faster. Also, the feature extractor will provide input data to the team for a problem. So far I have been able to train *NaiveBayesClassifier* with supervised learning techniques i.e. labeled training data(cluster data), and able to classify new unseen emails into its proper cluster/category. As the emails are based on certain templates, the accuracy of the classifier is very high. But we also get alert emails from custom scripts, which may not follow the templates. So, instead of doing supervised learning, I want to try out unsupervised learning for the same. I am looking into *KMeans clustering*. But again the problem is, we won't know the number of clusters beforehand. **So, which algorithm will be best for this use case?** Right now I am using Python's TextBlob library for classification. Also, for feature extraction out of an alert email, I am looking into NLTK (<http://www.nltk.org/book/ch07.html>) library. I tried it out, but it seems to work on proper English paragraphs/texts well, however, for alert emails, it extracted a lot of unnecessary features. **Is there already any existing solution for the same? If not, what will be the best way to implement the same? Which library, which algorithm?** **PS: I am not a Data Scientist.**

Sample emails:

```

PROBLEM: CRITICAL - Customer1_PROD -
Customer1_PROD_SLAVE_DB_01 - CPU Load Avg      Service: CPU Load Avg  Host:
Customer1_PROD_SLAVE_DB_01 Alias: Customer1_PROD_SLAVE_DB_01 Address:
10.10.0.100 Host Group Hierarchy: Opsview &gt; Customer1 - BIG C &gt;
Customer1_PROD State: CRITICAL Date & Time: Sat Oct 4 07:02:06 UTC 2014
Additional Information: CRITICAL - load average: 41.46, 40.69,
37.91&#x
RECOVERY: OK - Customer1_PROD - Customer1_PROD_SLAVE_DB_01 -
CPU Load Avg      Service: CPU Load Avg  Host: Customer1_PROD_SLAVE_DB_01 Alias:
Customer1_PROD_SLAVE_DB_01 Address: 10.1.1.100 Host Group Hierarchy: Opsview
&gt; Customer1 - BIG C &gt; Customer1_PROD State: OK Date & Time: Sat Oct
4 07:52:05 UTC 2014 Additional Information: OK - load average: 0.36,
0.23, 4.83&#x
PROBLEM: CRITICAL - Customer1_PROD -
Customer1_PROD_SLAVE_DB_01 - CPU Load Avg      Service: CPU Load Avg  Host:
Customer1_PROD_SLAVE_DB_01 Alias: Customer1_PROD_SLAVE_DB_01 Address:
10.100.10.10 Host Group Hierarchy: Opsview &gt; Customer1 - BIG C &gt;
Customer1_PROD State: CRITICAL Date & Time: Sat Oct 4 09:29:05 UTC 2014
Additional Information: CRITICAL - load average: 29.59, 26.50,
18.49&#x
&#x
**Classifier code:(format of csv - email,
&lt;disk/cpu/memory/mysql&gt;)**
language: lang-python --&gt; from textblob import -->
Word Count (217)
UserId="10381" --> Word Count (104)
UserId="10381" --> Word Count (6)

```

UserId="10381" --> Word Count (1)
 UserId="10382" --> Word Count (99)
 UserId="10382" --> Word Count (7)
 UserId="10382" --> Word Count (1)
 UserId="10383" --> Word Count (214)
 UserId="10337" --> Word Count (204)
 UserId="10337" --> Word Count (11)
 UserId="10337" --> Word Count (1)
 UserId="7980" --> Word Count (137)
 UserId="1279" Comment="SWM -> SVM (confirmed in the comment)" --> Word Count (155)
 UserId="5091" Comment="added 354 characters in body; edited tags" --> Word Count (65)
 UserId="5091" Comment="added 354 characters in body; edited tags" --> Word Count (1)
 UserId="2728" --> Word Count (56)
 UserId="2728" --> Word Count (64)
 UserId="10393" --> Word Count (68)
 UserId="10393" --> Word Count (8)
 UserId="10393" --> Word Count (1)
 UserId="5224" --> Word Count (84)
 UserId="5224" --> Word Count (6)
 UserId="5224" --> Word Count (1)
 UserId="10291" --> Word Count (26)
 UserId="10291" --> Word Count (9)
 UserId="10291" --> Word Count (1)
 UserId="5303" Comment="added 7 characters in body" --> Word Count (165)
 UserId="9202" --> Word Count (122)
 UserId="9202" --> Word Count (7)
 UserId="9202" --> Word Count (1)
 UserId="9202" Comment="edited tags" --> Word Count (1)
 UserId="10404" --> Word Count (97)
 UserId="2673" Comment="added 190 characters in body; edited title" --> Word Count (95)
 UserId="2673" Comment="added 190 characters in body; edited title" --> Word Count (12)
 UserId="3151" --> Word Count (47)
 UserId="3151" --> Word Count (6)
 UserId="3151" --> Word Count (1)
 UserId="3151" Comment="deleted 1 character in body" --> Word Count (48)
 <DELETE> --> Word Count (71)
 UserId="5043" --> Word Count (22)
 UserId="5043" Comment="via Vote" --> Word Count (2)
 UserId="10395" --> Word Count (587)
 UserId="10395" --> Word Count (8)
 UserId="10395" --> Word Count (1)
 UserId="10395" Comment="added 23 characters in body" --> Word Count (591)
 UserId="10409" --> Word Count (202)

UserId="10409" --> Word Count (5)
 UserId="10409" --> Word Count (1)
 UserId="5043" --> Word Count (168)
 UserId="5043" --> Word Count (10)
 UserId="5043" --> Word Count (1)
 UserId="10413" --> Word Count (54)
 UserId="10413" --> Word Count (7)
 UserId="10413" --> Word Count (1)
 UserId="5091" --> Word Count (33)
 UserId="5091" --> Word Count (63)
 UserId="10415" --> Word Count (17)
 UserId="5091" Comment="deleted 71 characters in body" --> Word Count (47)
 UserId="5091" Comment="deleted 13 characters in body" --> Word Count (42)
 UserId="10416" --> Word Count (54)
 UserId="10416" --> Word Count (9)
 UserId="10416" --> Word Count (1)
 UserId="97" --> Word Count (24)
 UserId="97" Comment="edited tags" --> Word Count (1)
 UserId="2987" --> Word Count (10)
 UserId="7980" --> Word Count (88)
 UserId="10102" Comment="Remove classification tag as recommended" --> Word Count (1)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="8152" --> Word Count (370)
 UserId="8152" --> Word Count (7)
 UserId="8152" --> Word Count (1)
 UserId="9793" --> Word Count (172)
 UserId="9793" --> Word Count (9)
 UserId="9793" --> Word Count (1)
 UserId="10391" Text="try RSelenium. with phantomjs since the date is requested and filled in by ajax calls. so any static web scraping tools wont work.

 I managed to get the list on the first page. 

http://cran.r-project.org/web/packages/RSelenium/vignettes/RSelenium-headless.html

sample of what i managed to pull.


 remove(mopub, m, run , rx, x , first1)
 library(RSelenium)
 pjs<- phantom(pjs_cmd="C:/Users/bhavin.patel/Downloads/phantomjs-2.0.0-windows/bin/phantomjs.exe")
 Sys.sleep(5)
 remDr<- remoteDriver(browserName = 'PhantomJS')
 dsurl <- "http://en.journals.sid.ir/SearchPaper.aspxstr=project%20management"
 remDr\$open()
remDr\$navigate(dsurl)
 allt3<-remDr\$findElements('id', 'Table3')
lapply(allt3 , FUN=function(dst){ dst\$getElementText(); })

[[1]]
 [[1]][[1]]
 [1] "1 : EFFECTIVE FACTORS ON RURAL PEOPLE'S NON-PARTICIPATION OF MAHABAD'S DAM CATCHMENT IN WATERSHED MANAGEMENT PROJECTS\nAuthor(s): RASOULIAZAR SOLEIMAN*,FEALY SAEID\nJournal: INTERNATIONAL JOURNAL OF AGRICULTURAL MANAGEMENT AND DEVELOPMENT (IJAMAD)\nNumber: MARCH 2015 , Volume 5 , Number 1 ; Page(s) 19 To

26.\nKeyword(s): NON-PARTICIPATION, CATCHMENT, WATERSHED MANAGEMENT, MAHABAD TOWNSHIP, IRAN\nReference(s): (0) Citation(s): (0) Full --> Word Count (1)

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UserId="10437" --> Word Count (1)

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UserId="10125" --> Word Count (1)

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UserId="10102" Comment="added 59 characters in body" --> Word Count (108)

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UserId="-1" --> Word Count (1)

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<http://softwarerecs.stackexchange.com/questions/20799/is-there-any-working-alternatives-to-netvizz>" --> Word Count (2)

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UserId="10429" --> Word Count (208)

UserId="10429" --> Word Count (13)

UserId="10429" --> Word Count (1)

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UserId="9793" --> Word Count (124)

UserId="9793" --> Word Count (5)

UserId="9793" --> Word Count (1)

UserId="10445" Comment="added 137 characters in body" --> Word Count (26)

UserId="10446" --> Word Count (215)

UserId="10446" --> Word Count (138)

UserId="5043" --> Word Count (113)

UserId="5043" --> Word Count (12)

UserId="5043" --> Word Count (1)

UserId="10446" --> Word Count (271)
 UserId="10446" Comment="edited body" --> Word Count (271)
 UserId="10446" --> Word Count (178)
 UserId="609" Comment="corrected typos, grammar, and clarified the description/background." --> Word Count (221)
 UserId="609" Comment="corrected typos, grammar, and clarified the description/background." --> Word Count (8)
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 UserId="10456" --> Word Count (4)
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 UserId="2489" --> Word Count (1)
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 UserId="10460" --> Word Count (8)
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 UserId="10463" --> Word Count (173)
 UserId="10463" --> Word Count (14)
 UserId="10463" --> Word Count (1)
 UserId="2728" --> Word Count (164)
 UserId="2728" Comment="Fixed typos" --> Word Count (164)
 UserId="2728" Comment="Tweak verbiage" --> Word Count (169)
 UserId="10465" --> Word Count (116)
 UserId="10465" --> Word Count (199)
 UserId="10465" --> Word Count (4)
 UserId="10465" --> Word Count (1)
 UserId="10397" --> Word Count (65)
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 UserId="10470" --> Word Count (8)
 UserId="10470" --> Word Count (1)
 UserId="10427" --> Word Count (563)
 UserId="10463" Comment="added 141 characters in body" --> Word Count (196)
 UserId="9420" --> Word Count (64)
 UserId="10479" --> Word Count (304)
 UserId="10465" --> Word Count (172)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="21" Comment="103" --> Word Count (2)
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 UserId="10479" --> Word Count (178)

UserId="10479" --> Word Count (8)
 UserId="10479" --> Word Count (1)
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 UserId="9225" --> Word Count (10)
 UserId="9225" --> Word Count (1)
 UserId="10487" --> Word Count (99)
 UserId="10487" --> Word Count (7)
 UserId="10487" --> Word Count (1)
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 UserId="10427" --> Word Count (12)
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 UserId="924" --> Word Count (64)
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 UserId="10171" --> Word Count (7)
 UserId="10171" --> Word Count (1)
 UserId="10171" Comment="Anticipated point about pivot_table." --> Word Count (125)
 UserId="381" --> Word Count (69)
 UserId="9587" --> Word Count (216)
 UserId="924" Comment="Fix spelling" --> Word Count (97)
 UserId="924" Comment="Fix spelling" --> Word Count (7)
 UserId="9986" --> Word Count (82)
 UserId="9323" --> Word Count (381)
 UserId="9323" --> Word Count (11)
 UserId="9323" --> Word Count (1)
 UserId="10487" --> Word Count (43)
 UserId="10487" --> Word Count (5)
 UserId="10487" --> Word Count (1)
 UserId="9587" Comment="expanded" --> Word Count (324)
 UserId="9323" Comment="edited tags" --> Word Count (1)
 UserId="9323" Comment="added 4 characters in body" --> Word Count (382)
 UserId="10102" Comment="added 696 characters in body" --> Word Count (197)
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 UserId="2576" --> Word Count (5)
 UserId="2576" --> Word Count (1)
 UserId="9323" Comment="deleted 5 characters in body" --> Word Count (381)
 UserId="9085" --> Word Count (169)
 UserId="10506" --> Word Count (128)
 UserId="10506" --> Word Count (167)
 UserId="10506" --> Word Count (109)
 UserId="10510" --> Word Count (106)
 UserId="10510" --> Word Count (16)
 UserId="10510" --> Word Count (1)
 UserId="10506" --> Word Count (144)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="9420" Comment="Added a slightly better explanation and better annotation

since the original answer was on my iphone." --> Word Count (180)
UserId="9420" --> Word Count (249)
UserId="9420" Comment="added 1 character in body" --> Word Count (249)
UserId="10513" --> Word Count (298)
UserId="10513" --> Word Count (6)
UserId="10513" --> Word Count (1)
UserId="708" --> Word Count (98)
UserId="10515" --> Word Count (93)
UserId="10515" --> Word Count (3)
UserId="10515" --> Word Count (1)
UserId="10516" --> Word Count (81)
UserId="10517" --> Word Count (14)
UserId="10210" Text="Let's say I have one" --> Word Count (92)
UserId="10210" --> Word Count (9)
UserId="10210" --> Word Count (1)
UserId="5091" --> Word Count (53)
UserId="10521" --> Word Count (22)
UserId="10523" --> Word Count (362)
UserId="10523" --> Word Count (18)
UserId="10523" --> Word Count (1)
UserId="10524" --> Word Count (150)
UserId="10524" --> Word Count (37)
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UserId="4968" --> Word Count (8)
UserId="4968" --> Word Count (1)
UserId="9856" Comment="added 217 characters in body" --> Word Count (704)
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UserId="9793" --> Word Count (7)
UserId="9793" --> Word Count (1)
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UserId="3436" --> Word Count (7)
UserId="3436" --> Word Count (1)
UserId="2750" --> Word Count (14)
UserId="10169" --> Word Count (54)
UserId="10536" --> Word Count (296)
UserId="21" Comment="deleted 49 characters in body; edited tags" --> Word Count (40)
UserId="21" Comment="deleted 49 characters in body; edited tags" --> Word Count (1)
UserId="21" Comment="deleted 14 characters in body; edited tags" --> Word Count (40)
UserId="21" Comment="deleted 14 characters in body; edited tags" --> Word Count

(1)

UserId="21" Comment="edited tags" --> Word Count (1)
UserId="9225" --> Word Count (93)
UserId="9225" --> Word Count (6)
UserId="9225" --> Word Count (1)
UserId="10532" --> Word Count (72)
UserId="10532" --> Word Count (16)
UserId="10532" --> Word Count (1)
UserId="10536" Comment="My suggestion for further analysis overlapped with the example given, so I've edited my answer to provide true additional steps to the given example. Also, spelling!" --> Word Count (363)
UserId="8953" Comment="the op is using r, so added the corresponding tag" --> Word Count (1)
UserId="10545" --> Word Count (300)
UserId="10545" --> Word Count (8)
UserId="10545" --> Word Count (1)
UserId="836" --> Word Count (393)
UserId="836" --> Word Count (13)
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UserId="10427" --> Word Count (74)
UserId="10549" --> Word Count (184)
UserId="10549" --> Word Count (11)
UserId="10549" --> Word Count (1)
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UserId="708" --> Word Count (34)
UserId="708" --> Word Count (282)
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UserId="10559" --> Word Count (7)
UserId="10559" --> Word Count (1)
UserId="10559" Comment="added 352 characters in body" --> Word Count (179)
UserId="10560" --> Word Count (99)
UserId="10560" --> Word Count (5)
UserId="10560" --> Word Count (1)
UserId="10561" --> Word Count (119)
UserId="10561" --> Word Count (10)
UserId="10561" --> Word Count (1)
UserId="21" Comment="103" --> Word Count (2)
UserId="8820" Comment="added example code" --> Word Count (945)
UserId="5224" Comment="deleted 12 characters in body" --> Word Count (83)
UserId="10568" --> Word Count (122)
UserId="10560" Comment="added 702 characters in body" --> Word Count (224)
UserId="9420" --> Word Count (215)
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UserId="10587" Comment="added 46 characters in body" --> Word Count (235)
 UserId="843" Comment="add Hacker's guide to Neural Networks" --> Word Count (157)
 UserId="843" --> Word Count (428)
 UserId="10327" --> Word Count (54)
 UserId="10327" --> Word Count (9)
 UserId="10327" --> Word Count (1)
 UserId="10327" --> Word Count (76)
 UserId="10327" --> Word Count (29)
 UserId="2817" --> Word Count (187)
 UserId="2817" --> Word Count (8)
 UserId="2817" --> Word Count (1)
 UserId="10327" --> Word Count (59)
 UserId="10327" --> Word Count (31)
 UserId="10327" --> Word Count (8)
 UserId="10327" --> Word Count (1)
 UserId="684" Comment="added 523 characters in body" --> Word Count (189)
 UserId="10592" --> Word Count (93)
 UserId="10592" --> Word Count (168)
 UserId="10596" --> Word Count (136)
 UserId="10596" --> Word Count (8)
 UserId="10596" --> Word Count (1)
 UserId="10446" --> Word Count (131)
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 UserId="9323" Comment="added 7 characters in body" --> Word Count (1023)
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UserId="843" --> Word Count (7)
UserId="843" --> Word Count (1)
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UserId="843" Comment="added 1593 characters in body" --> Word Count (652)
UserId="10587" Comment="deleted 76 characters in body" --> Word Count (264)
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UserId="-1" --> Word Count (1)
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UserId="9793" --> Word Count (44)
UserId="9793" --> Word Count (5)
UserId="9793" --> Word Count (1)
UserId="9793" --> Word Count (198)
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UserId="9793" --> Word Count (1)
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UserId="9587" --> Word Count (113)
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UserId="10659" Comment="added 118 characters in body" --> Word Count (141)
UserId="8513" --> Word Count (45)
UserId="10327" --> Word Count (30)
UserId="10253" Comment="Formatting code" --> Word Count (44)
UserId="9637" --> Word Count (45)
UserId="10669" --> Word Count (175)
UserId="10669" --> Word Count (5)
UserId="10669" --> Word Count (1)
UserId="7980" --> Word Count (74)
UserId="10667" --> Word Count (29)
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UserId="1085" --> Word Count (343)
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UserId="843" --> Word Count (226)
UserId="843" --> Word Count (6)
UserId="843" --> Word Count (1)
UserId="10446" --> Word Count (301)

UserId="10446" Comment="Rephrasing" --> Word Count (331)
 UserId="10694" --> Word Count (113)
 UserId="10694" --> Word Count (5)
 UserId="10694" --> Word Count (1)
 UserId="7969" --> Word Count (35)
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 UserId="10701" --> Word Count (10)
 UserId="10701" --> Word Count (1)
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 UserId="10446" --> Word Count (232)
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 UserId="10701" Comment="explained new example slightly better" --> Word Count (248)
 UserId="21" --> Word Count (126)
 UserId="10094" --> Word Count (65)
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 UserId="8752" --> Word Count (33)
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 UserId="7980" --> Word Count (104)
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 UserId="8878" Comment="As always he was mistaken between graph and plot. Graph is a mathematical object." --> Word Count (101)
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 UserId="9420" --> Word Count (114)
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 UserId="10701" Comment="There are 4 questions, not 3" --> Word Count (642)
 UserId="2643" --> Word Count (30)
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 UserId="9956" Comment="another example" --> Word Count (780)
 UserId="9956" Comment="another example, drilldown" --> Word Count (1074)
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 UserId="10383" --> Word Count (186)
 UserId="10383" Comment="added 1 character in body" --> Word Count (188)
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 UserId="2523" Comment="Copy edited (e.g. ref.
 <http://english.stackexchange.com/questions/4645/is-it-ever-correct-to-have-a-space-before-a-question-or-exclamation-mark#comment206109_4645>)." -->
 Word Count (46)
 UserId="2523" Comment="Copy edited (e.g. ref.
 <http://english.stackexchange.com/questions/4645/is-it-ever-correct-to-have-a-space-before-a-question-or-exclamation-mark#comment206109_4645>)." -->
 Word Count (6)
 UserId="8820" --> Word Count (152)
 UserId="10345" --> Word Count (84)
 UserId="10701" Comment="Updated to reflect what the other answer actually says"
 --> Word Count (641)
 UserId="843" --> Word Count (68)
 UserId="843" --> Word Count (18)
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 UserId="1127" --> Word Count (1)

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UserId="10793" --> Word Count (1)
UserId="10522" Comment="added 164 characters in body" --> Word Count (80)
UserId="5224" --> Word Count (31)
UserId="5224" --> Word Count (93)
UserId="5224" --> Word Count (14)
UserId="5224" --> Word Count (1)
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UserId="9420" --> Word Count (206)
UserId="9420" Comment="added 60 characters in body" --> Word Count (215)
UserId="10799" --> Word Count (64)
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UserId="10799" --> Word Count (1)
<DELETE> --> Word Count (74)
UserId="7714" --> Word Count (58)
UserId="1406" Comment="Added a Python port of a mentioned R package. " --> Word
Count (197)
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UserId="9420" Comment="added a reference" --> Word Count (171)
UserId="7980" --> Word Count (152)
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UserId="8878" --> Word Count (194)
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UserId="10094" --> Word Count (13)
UserId="1359" Comment="Fixed some typos, expanded abbreviations." --> Word Count (73)
UserId="10327" --> Word Count (39)
UserId="5279" --> Word Count (140)
UserId="5279" --> Word Count (7)
UserId="5279" --> Word Count (1)
UserId="10839" --> Word Count (117)
UserId="10846" --> Word Count (191)
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UserId="10846" --> Word Count (1)
UserId="9420" --> Word Count (316)
UserId="9420" Comment="added 540 characters in body" --> Word Count (391)
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UserId="5091" Comment="deleted 16 characters in body; edited tags" --> Word Count (61)
UserId="5091" Comment="deleted 16 characters in body; edited tags" --> Word Count (1)
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UserId="9218" --> Word Count (62)
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 UserId="10815" Comment="added 83 characters in body" --> Word Count (786)
 UserId="10879" --> Word Count (95)
 UserId="10879" --> Word Count (13)
 UserId="10879" --> Word Count (1)
 UserId="10881" --> Word Count (145)
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 UserId="10882" --> Word Count (111)
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 UserId="10884" --> Word Count (70)
 UserId="843" Comment="add ox ml" --> Word Count (161)
 UserId="9420" Comment="deleted a repeated sentence" --> Word Count (134)
 UserId="609" Comment="deleted a repeated sentence, clarified sentences." --> Word Count (144)
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--> Word Count (617)
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UserId="10907" --> Word Count (219)
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Data Science" --> Word Count (162)
UserId="10620" Comment="imports in code format" --> Word Count (236)
UserId="7738" --> Word Count (1267)
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UserId="201" --> Word Count (214)
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UserId="9390" Comment="fixed grammar, spelling" --> Word Count (433)
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UserId="802" --> Word Count (174)
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UserId="5211" --> Word Count (1)
UserId="5211" --> Word Count (74)
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UserId="21" --> Word Count (51)
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 UserId="21" Comment="102" --> Word Count (2)
 UserId="1133" Comment="added 5 characters in body" --> Word Count (214)
 UserId="10943" --> Word Count (206)
 UserId="10943" --> Word Count (5)
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 UserId="5211" Comment="added 315 characters in body" --> Word Count (162)
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 UserId="21" Comment="102" --> Word Count (2)
 UserId="843" Comment="add word-embeddings tag" --> Word Count (1)
 UserId="3466" --> Word Count (42)
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 <DELETE> --> Word Count (5)
 UserId="843" Comment="add NVIDIA " --> Word Count (167)
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 UserId="1406" Comment="Removing vagueness regarding Twitter's package naming. Specifically, the package name is one word. I want to maintain the convention used by the developer here." --> Word Count (432)
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 UserId="9420" Comment="Added a paragraph on libraries following discussion in the comments section." --> Word Count (361)
 UserId="843" --> Word Count (28)
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 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
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 UserId="10990" --> Word Count (1)
 UserId="9420" Comment="Added better formatting, fixed some grammatical errors, added an image inline that was referenced via non linked url" --> Word Count (301)
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 UserId="843" Comment="added 102 characters in body" --> Word Count (17)
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 --> Word Count (176)
 UserId="2961" Comment="improved formatting; edited tags" --> Word Count (75)
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 UserId="836" --> Word Count (568)
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 UserId="9314" --> Word Count (636)
 UserId="11082" --> Word Count (71)
 UserId="11082" --> Word Count (5)
 UserId="11082" --> Word Count (1)
 UserId="843" Comment="We are all noobs :)" --> Word Count (63)
 UserId="843" Comment="We are all noobs :)" --> Word Count (6)
 UserId="9793" --> Word Count (48)
 UserId="9793" --> Word Count (11)
 UserId="9793" --> Word Count (1)
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 UserId="8013" --> Word Count (1)
 UserId="836" Comment="deleted 5 characters in body" --> Word Count (567)
 UserId="5091" --> Word Count (21)
 UserId="5179" --> Word Count (103)
 UserId="5091" --> Word Count (17)
 UserId="10463" Comment="added 25 characters in body; edited tags" --> Word

Count (259)
 UserId="10463" Comment="added 25 characters in body; edited tags" --> Word
 Count (1)
 UserId="816" Comment="fixed broken link and latexed the 0 expression" --> Word
 Count (109)
 UserId="8013" --> Word Count (87)
 UserId="8013" --> Word Count (12)
 UserId="8013" --> Word Count (1)
 UserId="8013" Comment="added 25 characters in body" --> Word Count (89)
 UserId="11094" --> Word Count (75)
 UserId="11094" --> Word Count (9)
 UserId="11094" --> Word Count (1)
 UserId="8013" Comment="added 47 characters in body" --> Word Count (107)
 UserId="8013" Comment="added 47 characters in body" --> Word Count (18)
 UserId="8013" Comment="added 27 characters in body" --> Word Count (110)
 UserId="8021" --> Word Count (36)
 UserId="8021" --> Word Count (38)
 UserId="11021" --> Word Count (146)
 UserId="9793" Comment="edited tags" --> Word Count (1)
 UserId="11077" --> Word Count (33)
 UserId="11113" --> Word Count (62)
 UserId="8013" --> Word Count (47)
 UserId="8013" --> Word Count (13)
 UserId="8013" --> Word Count (1)
 UserId="10989" --> Word Count (75)
 UserId="836" --> Word Count (83)
 UserId="10989" Comment="added 119 characters in body" --> Word Count (88)
 UserId="9420" --> Word Count (83)
 UserId="9420" Comment="added 11 characters in body" --> Word Count (85)
 UserId="9420" Comment="reformatted equation to latex" --> Word Count (85)
 UserId="11124" --> Word Count (78)
 UserId="11124" --> Word Count (9)
 UserId="11124" --> Word Count (1)
 UserId="836" Comment="LaTeX variant of equation" --> Word Count (62)
 UserId="947" --> Word Count (349)
 UserId="7980" --> Word Count (95)
 UserId="843" --> Word Count (940)
 UserId="8013" --> Word Count (132)
 UserId="8013" --> Word Count (6)
 UserId="8013" --> Word Count (1)
 UserId="9814" --> Word Count (340)
 UserId="133" --> Word Count (36)
 UserId="133" --> Word Count (14)
 UserId="133" --> Word Count (1)
 UserId="10620" --> Word Count (42)
 UserId="9420" Comment="Added references per OP request." --> Word Count (125)
 UserId="11141" --> Word Count (62)
 UserId="11142" --> Word Count (174)

UserId="9420" Comment="tried to improve formatting and fixed spelling error."
 --> Word Count (352)
 UserId="9420" Comment="Tried to break this up a bit and add some formatting."
 --> Word Count (179)
 UserId="11142" Comment="Tried to break this up a bit and add some formatting."
 --> Word Count (177)
 UserId="11146" --> Word Count (118)
 UserId="11146" --> Word Count (12)
 UserId="11146" --> Word Count (1)
 UserId="11146" Comment="added 133 characters in body" --> Word Count (144)
 UserId="9035" --> Word Count (261)
 UserId="9035" --> Word Count (6)
 UserId="9035" --> Word Count (1)
 UserId="201" --> Word Count (83)
 UserId="201" Comment="added 1221 characters in body" --> Word Count (480)
 UserId="201" Comment="deleted 2 characters in body" --> Word Count (480)
 UserId="10327" --> Word Count (118)
 UserId="9793" --> Word Count (85)
 UserId="9793" --> Word Count (14)
 UserId="9793" --> Word Count (1)
 UserId="201" --> Word Count (88)
 UserId="201" --> Word Count (10)
 UserId="201" --> Word Count (1)
 UserId="4695" --> Word Count (69)
 UserId="4695" --> Word Count (10)
 UserId="4695" --> Word Count (1)
 UserId="836" --> Word Count (127)
 UserId="836" Comment="Reading link from question, this is not a direct or particularly good answer, but may still be interesting . . ." --> Word Count (140)
 UserId="836" Comment="via Vote" --> Word Count (2)
 UserId="1324" --> Word Count (77)
 UserId="1324" --> Word Count (5)
 UserId="1324" --> Word Count (1)
 UserId="836" --> Word Count (2)
 UserId="836" Comment="added 45 characters in body" --> Word Count (148)
 UserId="2452" Comment="Fixed formatting." --> Word Count (102)
 UserId="2452" Comment="Improved formatting and punctuation." --> Word Count (67)
 UserId="2452" Comment="Improved formatting and punctuation." --> Word Count (9)
 UserId="2452" Comment="edited tags" --> Word Count (1)
 UserId="10936" --> Word Count (49)
 UserId="12172" --> Word Count (311)
 UserId="12172" --> Word Count (17)
 UserId="12172" --> Word Count (1)
 UserId="7980" --> Word Count (167)
 UserId="11114" --> Word Count (82)
 UserId="7980" Comment="added 159 characters in body" --> Word Count (191)

UserId="7980" Comment="added 159 characters in body" --> Word Count (260)
 UserId="9420" --> Word Count (73)
 UserId="12177" --> Word Count (39)
 UserId="12177" --> Word Count (6)
 UserId="12177" --> Word Count (1)
 UserId="11074" --> Word Count (85)
 UserId="11074" --> Word Count (9)
 UserId="11074" --> Word Count (1)
 UserId="4825" Comment="modify typo" --> Word Count (85)
 UserId="2452" Comment="Fixed grammar. Improved wording and formatting." -->
 Word Count (33)
 UserId="2452" Comment="Improved wording, formatting and punctuation." --> Word
 Count (84)
 UserId="2452" Comment="Improved wording, formatting and punctuation." --> Word
 Count (9)
 UserId="11074" Comment="added 4 characters in body" --> Word Count (84)
 UserId="12183" --> Word Count (176)
 UserId="12183" --> Word Count (14)
 UserId="12183" --> Word Count (1)
 UserId="12184" --> Word Count (264)
 UserId="5091" --> Word Count (112)
 UserId="5091" --> Word Count (41)
 UserId="12189" --> Word Count (110)
 UserId="12189" Comment="Spelling + ref" --> Word Count (124)
 UserId="12189" --> Word Count (124)
 UserId="12192" --> Word Count (42)
 UserId="12193" --> Word Count (17)
 UserId="12240" UserDisplayName="Imo" --> Word Count (86)
 UserId="12240" UserDisplayName="Imo" --> Word Count (8)
 UserId="12240" UserDisplayName="Imo" --> Word Count (1)
 UserId="12193" --> Word Count (74)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="3070" --> Word Count (72)
 UserId="12203" --> Word Count (155)
 UserId="12203" --> Word Count (11)
 UserId="12203" --> Word Count (1)
 UserId="11142" --> Word Count (185)
 UserId="12206" --> Word Count (463)
 UserId="12206" --> Word Count (4)
 UserId="12206" --> Word Count (1)
 UserId="12207" --> Word Count (17)
 UserId="11142" Comment="Added an example and some headers." --> Word Count
 (310)
 UserId="10169" Comment="Added tag topic-model" --> Word Count (1)
 <DELETE> --> Word Count (211)
 UserId="12206" Comment="added 83 characters in body" --> Word Count (473)
 UserId="10169" Comment="added 812 characters in body" --> Word Count (108)

UserId="10169" Comment="added 81 characters in body" --> Word Count (13)
 UserId="12215" --> Word Count (106)
 UserId="11094" --> Word Count (160)
 UserId="11094" --> Word Count (8)
 UserId="11094" --> Word Count (1)
 UserId="12219" --> Word Count (88)
 UserId="12219" --> Word Count (7)
 UserId="12219" --> Word Count (1)
 UserId="11141" --> Word Count (34)
 UserId="11141" --> Word Count (7)
 UserId="11141" --> Word Count (1)
 UserId="11141" Comment="added 402 characters in body; edited title" --> Word Count (109)
 UserId="11141" Comment="added 402 characters in body; edited title" --> Word Count (8)
 <DELETE> --> Word Count (27)
 <DELETE> --> Word Count (7)
 <DELETE> --> Word Count (1)
 UserId="9698" --> Word Count (51)
 UserId="10169" Comment="drop tag lda (Latent Dirichler Approximation): not applicable" --> Word Count (1)
 UserId="843" --> Word Count (40)
 UserId="843" --> Word Count (10)
 UserId="843" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="12197" --> Word Count (52)
 UserId="6550" --> Word Count (74)
 UserId="10998" --> Word Count (167)
 UserId="10998" --> Word Count (7)
 UserId="10998" --> Word Count (1)
 UserId="4815" --> Word Count (59)
 UserId="226" --> Word Count (79)
 UserId="226" --> Word Count (5)
 UserId="226" --> Word Count (1)
 UserId="11074" --> Word Count (56)
 UserId="11074" --> Word Count (9)
 UserId="11074" --> Word Count (1)
 UserId="226" Comment="Added more details" --> Word Count (98)
 UserId="12222" --> Word Count (59)
 UserId="12240" Comment="added 48 characters in body" --> Word Count (117)
 UserId="8479" Comment="indendet syntax" --> Word Count (192)
 UserId="12250" --> Word Count (898)
 UserId="12250" --> Word Count (7)
 UserId="12250" --> Word Count (1)
 UserId="10816" --> Word Count (96)
 UserId="12258" --> Word Count (80)
 UserId="12258" --> Word Count (4)

UserId="12258" --> Word Count (1)
 UserId="12265" --> Word Count (90)
 UserId="12265" --> Word Count (11)
 UserId="12265" --> Word Count (1)
 UserId="12222" --> Word Count (213)
 UserId="9420" --> Word Count (231)
 UserId="10694" --> Word Count (90)
 UserId="10694" --> Word Count (5)
 UserId="10694" --> Word Count (1)
 UserId="843" --> Word Count (36)
 UserId="843" --> Word Count (4)
 UserId="843" --> Word Count (1)
 UserId="-1" Comment="I edited title and add an example to question' context."
 --> Word Count (84)
 UserId="-1" Comment="I edited title and add an example to question' context."
 --> Word Count (9)
 UserId="9218" Comment="I edited title and add an example to question' context."
 --> Word Count (84)
 UserId="12275" --> Word Count (23)
 UserId="843" --> Word Count (73)
 UserId="12280" --> Word Count (93)
 UserId="12280" --> Word Count (71)
 UserId="12280" --> Word Count (418)
 UserId="12286" --> Word Count (33)
 UserId="12294" --> Word Count (133)
 UserId="12294" --> Word Count (3)
 UserId="12294" --> Word Count (1)
 UserId="5091" --> Word Count (47)
 UserId="26" --> Word Count (536)
 UserId="11124" --> Word Count (829)
 UserId="11124" --> Word Count (7)
 UserId="11124" --> Word Count (1)
 UserId="26" Comment="added 123 characters in body" --> Word Count (550)
 UserId="947" --> Word Count (211)
 UserId="4647" --> Word Count (185)
 UserId="4647" --> Word Count (212)
 UserId="4647" --> Word Count (327)
 UserId="4647" Comment="add [optimization] and [hyperparameter] tags" --> Word
 Count (1)
 UserId="4647" Comment="fix spelling to clarify 'is preserved' and make
 link inline" --> Word Count (159)
 UserId="4647" Comment="remove [neuralnetwork], add [dimensionality-reduction]"
 --> Word Count (1)
 UserId="4647" Comment="add [version-control] tag" --> Word Count (1)
 UserId="26" Comment="added 34 characters in body" --> Word Count (554)
 UserId="12473" --> Word Count (100)
 UserId="12473" --> Word Count (7)
 UserId="12473" --> Word Count (1)

UserId="10490" --> Word Count (139)
 UserId="10490" --> Word Count (12)
 UserId="10490" --> Word Count (1)
 UserId="12314" --> Word Count (96)
 UserId="12314" --> Word Count (11)
 UserId="12314" --> Word Count (1)
 UserId="12316" --> Word Count (21)
 UserId="1077" --> Word Count (146)
 UserId="10253" --> Word Count (105)
 UserId="9420" --> Word Count (361)
 UserId="9420" --> Word Count (123)
 UserId="9420" Comment="Added additional detail based on comment." --> Word Count (305)
 UserId="1077" Comment="added picture. " --> Word Count (152)
 UserId="12328" --> Word Count (171)
 UserId="10694" --> Word Count (33)
 UserId="12333" --> Word Count (80)
 UserId="12333" --> Word Count (6)
 UserId="12333" --> Word Count (1)
 UserId="10210" --> Word Count (59)
 UserId="10210" --> Word Count (10)
 UserId="10210" --> Word Count (1)
 UserId="9420" Comment="added two references" --> Word Count (177)
 UserId="10189" --> Word Count (31)
 UserId="10210" Comment="added 428 characters in body; edited title" --> Word Count (126)
 UserId="10210" Comment="added 428 characters in body; edited title" --> Word Count (25)
 UserId="12335" --> Word Count (106)
 UserId="12335" --> Word Count (10)
 UserId="12335" --> Word Count (1)
 UserId="12202" --> Word Count (143)
 UserId="12202" --> Word Count (7)
 UserId="12202" --> Word Count (1)
 UserId="7980" --> Word Count (33)
 UserId="9420" --> Word Count (209)
 UserId="12343" --> Word Count (59)
 UserId="12343" --> Word Count (5)
 UserId="12343" --> Word Count (1)
 UserId="12473" --> Word Count (67)
 UserId="12473" --> Word Count (3)
 UserId="12473" --> Word Count (1)
 UserId="9420" Comment="Reformatted some of the english to make things more clear." --> Word Count (115)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="10210" Comment="edited title" --> Word Count (19)

UserId="10210" Comment="edited title" --> Word Count (150)
UserId="10810" --> Word Count (32)
UserId="10810" --> Word Count (6)
UserId="10810" --> Word Count (1)
UserId="2452" Comment="Fixed title and grammar. Improved wording and formatting." --> Word Count (34)
UserId="2452" Comment="Fixed title and grammar. Improved wording and formatting." --> Word Count (6)
UserId="2452" Comment="Fixed title and grammar. Improved wording and formatting." --> Word Count (1)
UserId="2452" Comment="Fixed / improved wording." --> Word Count (94)
UserId="2452" Comment="Fixed / improved wording." --> Word Count (14)
UserId="12350" --> Word Count (38)
UserId="12350" --> Word Count (10)
UserId="12350" --> Word Count (1)
UserId="9420" --> Word Count (396)
UserId="9420" Comment="added more context and formulated the question for a more precise response." --> Word Count (72)
UserId="9420" Comment="added more context and formulated the question for a more precise response." --> Word Count (1)
UserId="12355" --> Word Count (66)
UserId="12355" --> Word Count (13)
UserId="12355" --> Word Count (1)
UserId="12351" --> Word Count (123)
UserId="12351" --> Word Count (5)
UserId="12351" --> Word Count (1)
UserId="12356" --> Word Count (50)
UserId="12356" --> Word Count (14)
UserId="12356" --> Word Count (1)
UserId="12356" --> Word Count (117)
UserId="12341" --> Word Count (244)
UserId="12360" --> Word Count (67)
UserId="12362" --> Word Count (109)
UserId="12362" --> Word Count (6)
UserId="12362" --> Word Count (1)
UserId="3465" --> Word Count (286)
UserId="3465" --> Word Count (7)
UserId="3465" --> Word Count (1)
UserId="11021" --> Word Count (103)
UserId="3132" --> Word Count (11)
UserId="12364" --> Word Count (124)
UserId="12364" --> Word Count (12)
UserId="12364" --> Word Count (1)
UserId="4647" --> Word Count (103)
UserId="9420" --> Word Count (401)
UserId="4647" --> Word Count (220)
UserId="4647" --> Word Count (6)
UserId="4647" --> Word Count (1)

UserId="9420" Comment="added 318 characters in body" --> Word Count (451)
 UserId="9085" --> Word Count (269)
 UserId="10253" Comment="Improved formatting" --> Word Count (123)
 UserId="9420" Comment="This is a perfectly adequate answer, so I removed all of
 the front matter about how he can't post comments to turn it into an answer."
 --> Word Count (205)
 UserId="4647" Comment="add [clustering] tag" --> Word Count (1)
 UserId="12374" --> Word Count (94)
 UserId="12234" --> Word Count (120)
 UserId="12234" --> Word Count (130)
 UserId="9257" --> Word Count (70)
 UserId="9257" --> Word Count (10)
 UserId="9257" --> Word Count (1)
 UserId="9314" --> Word Count (225)
 UserId="7980" --> Word Count (135)
 UserId="7980" Comment="added 148 characters in body" --> Word Count (171)
 UserId="7980" Comment="added 18 characters in body" --> Word Count (174)
 UserId="2576" --> Word Count (127)
 UserId="7980" Comment="added 2 characters in body" --> Word Count (174)
 UserId="12377" --> Word Count (413)
 UserId="12377" --> Word Count (9)
 UserId="12377" --> Word Count (1)
 UserId="12351" Comment="added 43 characters in body" --> Word Count (64)
 UserId="12351" Comment="added 43 characters in body" --> Word Count (64)
 UserId="10050" --> Word Count (62)
 UserId="10050" --> Word Count (9)
 UserId="10050" --> Word Count (1)
 UserId="4647" Comment="specify sampling rate" --> Word Count (223)
 UserId="12381" --> Word Count (106)
 UserId="12381" --> Word Count (6)
 UserId="12381" --> Word Count (1)
 UserId="12381" Comment="added 401 characters in body" --> Word Count (134)
 UserId="12384" --> Word Count (580)
 UserId="4647" Comment="add [julia] tag" --> Word Count (1)
 UserId="4647" Comment="add [reproducibility] tag" --> Word Count (1)
 UserId="12386" --> Word Count (49)
 UserId="12386" --> Word Count (11)
 UserId="12386" --> Word Count (1)
 UserId="10319" --> Word Count (53)
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 UserId="12395" --> Word Count (1)
 UserId="12403" --> Word Count (180)
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 UserId="12384" --> Word Count (67)
 UserId="12384" --> Word Count (567)
 UserId="12384" --> Word Count (61)

UserId="7980" --> Word Count (19)
 UserId="10810" Comment="added 892 characters in body" --> Word Count (194)
 UserId="26" --> Word Count (283)
 UserId="26" --> Word Count (6)
 UserId="26" --> Word Count (1)
 UserId="7980" Comment="added 64 characters in body" --> Word Count (38)
 UserId="12384" --> Word Count (480)
 UserId="12409" --> Word Count (210)
 UserId="9420" --> Word Count (174)
 UserId="12411" --> Word Count (21)
 UserId="12411" --> Word Count (6)
 UserId="12411" --> Word Count (1)
 UserId="12215" Comment="added 17 characters in body" --> Word Count (110)
 UserId="12384" --> Word Count (40)
 UserId="10345" --> Word Count (77)
 UserId="10345" --> Word Count (13)
 UserId="10345" --> Word Count (1)
 UserId="12384" --> Word Count (14)
 UserId="9420" --> Word Count (213)
 UserId="12384" Comment="Added the data in R" --> Word Count (282)
 UserId="12418" --> Word Count (103)
 UserId="9420" Comment="fixed up the english slightly" --> Word Count (22)
 UserId="9420" Comment="Cleaned up the english and tried to make the description clearer" --> Word Count (69)
 UserId="9420" Comment="Cleaned up the english and tried to make the description clearer" --> Word Count (10)
 UserId="9257" Comment="added 84 characters in body; edited title" --> Word Count (86)
 UserId="9257" Comment="added 84 characters in body; edited title" --> Word Count (14)
 UserId="10050" --> Word Count (27)
 UserId="10050" --> Word Count (8)
 UserId="10050" --> Word Count (1)
 UserId="12384" --> Word Count (220)
 UserId="12384" --> Word Count (226)
 UserId="12433" --> Word Count (137)
 UserId="12433" --> Word Count (4)
 UserId="12433" --> Word Count (1)
 UserId="12438" --> Word Count (197)
 UserId="12438" --> Word Count (17)
 UserId="12438" --> Word Count (1)
 UserId="9420" --> Word Count (75)
 UserId="9420" Comment="edited answer based on feedback in comments" --> Word Count (97)
 UserId="7980" --> Word Count (56)
 UserId="7980" Comment="added 154 characters in body" --> Word Count (80)
 UserId="7980" Comment="added 154 characters in body" --> Word Count (80)
 UserId="12454" --> Word Count (172)

UserId="12454" --> Word Count (7)
 UserId="12454" --> Word Count (1)
 UserId="10517" --> Word Count (62)
 UserId="9420" Comment="Added two images to better illustrate the points made in the answer." --> Word Count (294)
 UserId="12457" --> Word Count (50)
 UserId="12457" --> Word Count (10)
 UserId="12457" --> Word Count (1)
 UserId="12462" --> Word Count (234)
 UserId="12462" --> Word Count (4)
 UserId="12462" --> Word Count (1)
 UserId="12464" --> Word Count (74)
 UserId="7980" Comment="added 11 characters in body" --> Word Count (81)
 UserId="10522" --> Word Count (42)
 UserId="10522" --> Word Count (11)
 UserId="10522" --> Word Count (1)
 UserId="10522" --> Word Count (44)
 UserId="10522" --> Word Count (16)
 UserId="10522" --> Word Count (1)
 UserId="12454" Comment="deleted 5 characters in body" --> Word Count (171)
 UserId="12384" Comment="simplified the data.table call and improved the how results where shown" --> Word Count (176)
 UserId="7980" --> Word Count (289)
 UserId="8040" --> Word Count (193)
 UserId="11021" --> Word Count (169)
 UserId="10936" --> Word Count (43)
 UserId="9587" --> Word Count (426)
 UserId="9420" Comment="added a sentence that better explains the application in the question" --> Word Count (178)
 UserId="9587" --> Word Count (594)
 UserId="-1" Comment="added a new tag" --> Word Count (1)
 UserId="21" --> Word Count (236)
 UserId="10938" --> Word Count (87)
 UserId="10938" --> Word Count (5)
 UserId="10938" --> Word Count (1)
 UserId="8338" --> Word Count (172)
 UserId="8338" --> Word Count (5)
 UserId="8338" --> Word Count (1)
 UserId="10327" Comment="corrected spelling of the word recommendation" --> Word Count (47)
 UserId="8338" Comment="edited title" --> Word Count (8)
 UserId="836" --> Word Count (117)
 UserId="836" Comment="added 128 characters in body" --> Word Count (138)
 UserId="10938" Comment="added 12 characters in body" --> Word Count (87)
 UserId="12485" --> Word Count (273)
 UserId="12485" --> Word Count (11)
 UserId="12485" --> Word Count (1)
 UserId="12443" --> Word Count (30)

UserId="12443" --> Word Count (7)
 UserId="12443" --> Word Count (1)
 UserId="12487" --> Word Count (153)
 UserId="12487" --> Word Count (9)
 UserId="12487" --> Word Count (1)
 UserId="11097" --> Word Count (243)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="12492" --> Word Count (94)
 UserId="12497" --> Word Count (466)
 UserId="12497" --> Word Count (8)
 UserId="12497" --> Word Count (1)
 UserId="12501" --> Word Count (127)
 UserId="12503" --> Word Count (35)
 UserId="12503" --> Word Count (10)
 UserId="12503" --> Word Count (1)
 UserId="12504" --> Word Count (22)
 UserId="12473" --> Word Count (300)
 UserId="12473" Comment="improved formatting" --> Word Count (300)
 UserId="12516" --> Word Count (202)
 UserId="12516" --> Word Count (13)
 UserId="12516" --> Word Count (1)
 UserId="9420" --> Word Count (316)
 UserId="8013" --> Word Count (57)
 UserId="8013" --> Word Count (12)
 UserId="8013" --> Word Count (1)
 UserId="8338" --> Word Count (63)
 UserId="12237" --> Word Count (35)
 UserId="12237" --> Word Count (118)
 UserId="12328" --> Word Count (98)
 UserId="12533" --> Word Count (149)
 UserId="12533" --> Word Count (7)
 UserId="12533" --> Word Count (1)
 UserId="3070" --> Word Count (78)
 UserId="26" --> Word Count (31)
 UserId="26" Comment="added 330 characters in body" --> Word Count (111)
 UserId="12536" --> Word Count (62)
 UserId="12536" --> Word Count (8)
 UserId="12536" --> Word Count (1)
 UserId="21" Comment="102" --> Word Count (3)
 UserId="9584" --> Word Count (161)
 UserId="10253" Comment="Improved Formatting" --> Word Count (173)
 UserId="12411" --> Word Count (32)
 UserId="12411" --> Word Count (10)
 UserId="12411" --> Word Count (1)
 UserId="10050" --> Word Count (103)
 UserId="10050" --> Word Count (11)
 UserId="10050" --> Word Count (1)
 UserId="10936" --> Word Count (73)

UserId="10936" --> Word Count (68)
 UserId="10936" --> Word Count (19)
 UserId="12554" --> Word Count (333)
 UserId="12554" --> Word Count (10)
 UserId="12554" --> Word Count (1)
 UserId="7980" --> Word Count (66)
 UserId="10936" --> Word Count (61)
 UserId="12237" --> Word Count (35)
 UserId="9793" --> Word Count (54)
 UserId="9793" --> Word Count (10)
 UserId="9793" --> Word Count (1)
 UserId="12557" --> Word Count (113)
 UserId="12557" --> Word Count (8)
 UserId="12557" --> Word Count (1)
 UserId="12388" --> Word Count (56)
 UserId="12443" Comment="added 34 characters in body; edited title" --> Word Count (36)
 UserId="12443" Comment="added 34 characters in body; edited title" --> Word Count (7)
 UserId="5211" --> Word Count (71)
 UserId="5211" --> Word Count (7)
 UserId="5211" --> Word Count (1)
 UserId="9123" --> Word Count (38)
 UserId="2750" --> Word Count (36)
 UserId="12569" --> Word Count (91)
 UserId="12569" --> Word Count (10)
 UserId="12569" --> Word Count (1)
 UserId="12572" --> Word Count (131)
 UserId="12572" --> Word Count (17)
 UserId="12572" --> Word Count (1)
 UserId="201" --> Word Count (178)
 UserId="201" --> Word Count (9)
 UserId="201" --> Word Count (1)
 UserId="12473" --> Word Count (153)
 UserId="10189" Comment="Corrected spelling and improved grammar." --> Word Count (99)
 UserId="10189" Comment="Corrected spelling and improved grammar." --> Word Count (4)
 UserId="4621" Comment="correct a few typos" --> Word Count (73)
 UserId="12575" --> Word Count (223)
 UserId="9420" Comment="cleaned up the English a wee bit." --> Word Count (93)
 UserId="11097" --> Word Count (353)
 UserId="11142" --> Word Count (158)
 UserId="1330" --> Word Count (54)
 UserId="1330" --> Word Count (55)
 UserId="11097" Comment="added 4 characters in body" --> Word Count (353)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)

UserId="82" Comment="added 81 characters in body" --> Word Count (12)
 UserId="1151" --> Word Count (106)
 UserId="1151" --> Word Count (13)
 UserId="1151" --> Word Count (1)
 UserId="1151" Comment="edited title" --> Word Count (14)
 UserId="1151" Comment="edited title" --> Word Count (105)
 UserId="10936" --> Word Count (38)
 UserId="1151" Comment="edited title; edited title" --> Word Count (18)
 UserId="7966" --> Word Count (153)
 UserId="7966" --> Word Count (7)
 UserId="7966" --> Word Count (1)
 UserId="12580" --> Word Count (213)
 UserId="12580" --> Word Count (11)
 UserId="12580" --> Word Count (1)
 UserId="12580" Comment="added one more graph" --> Word Count (213)
 UserId="12350" --> Word Count (125)
 UserId="12350" --> Word Count (6)
 UserId="12350" --> Word Count (1)
 UserId="12586" --> Word Count (141)
 UserId="12586" --> Word Count (8)
 UserId="12586" --> Word Count (1)
 UserId="12363" --> Word Count (216)
 UserId="9050" --> Word Count (36)
 UserId="9050" --> Word Count (6)
 UserId="9050" --> Word Count (1)
 UserId="9050" Comment="edited title" --> Word Count (6)
 UserId="9587" --> Word Count (80)
 UserId="12473" --> Word Count (56)
 UserId="12597" Text="
Problem/Main objective/TLDR: Train a classifier, then feed it a random review and get the correspondent predicted review rating (number of stars from 1 to 5) - only 60% accuracy!
 :(

I have a big dataset with around 48000 tech product reviews (from many different writers and from different products - here this is not so important (?)) and corresponding ratings (1 to 5 stars) I randomly selected some reviews within each class:

 1 star: 173 reviews (could not pick 1000 because there were 173)
 2 stars: 1000 reviews
 3 stars: 1000 reviews
 4 stars: 1000 reviews
 5 stars: 1000 reviews

Total: 4173 reviews - this data is organized in one file (all_reviews_labeled.txt) in tuple format, one review and rating for line:

 ('review text', 'x star')
 ('review text', 'x star')
 ('review text', 'x star')
 ('review text', 'x star')

 ...

My 1st "dummie" aproach was:


 Tokenize review text
 POS tagging

 Get most frequent bigrams that folowing some POS tags rules for most frequent trigrams (I have seen this rules - using this POS patterns in "Automatic Star-rating Generation from --> Word Count (831)
 UserId="12597" --> Word Count (10)

UserId="12597" --> Word Count (1)
 UserId="12473" --> Word Count (134)
 UserId="12473" Comment="added a useful link, fixed formatting" --> Word Count (148)
 UserId="3592" --> Word Count (47)
 UserId="947" --> Word Count (103)
 UserId="8878" --> Word Count (53)
 UserId="8878" --> Word Count (63)
 UserId="11136" --> Word Count (223)
 UserId="12612" --> Word Count (189)
 UserId="12614" --> Word Count (104)
 UserId="12614" --> Word Count (7)
 UserId="12614" --> Word Count (1)
 UserId="12619" --> Word Count (52)
 UserId="12619" --> Word Count (8)
 UserId="12619" --> Word Count (1)
 UserId="12586" Comment="added 45 characters in body" --> Word Count (150)
 UserId="12586" --> Word Count (1981)
 UserId="836" --> Word Count (534)
 UserId="836" --> Word Count (8)
 UserId="836" --> Word Count (1)
 UserId="12586" Comment="deleted 18 characters in body" --> Word Count (1981)
 UserId="609" --> Word Count (276)
 UserId="10148" --> Word Count (23)
 UserId="8650" --> Word Count (105)
 UserId="8650" --> Word Count (77)
 UserId="8650" --> Word Count (7)
 UserId="8650" --> Word Count (1)
 UserId="10181" --> Word Count (111)
 UserId="10181" --> Word Count (7)
 UserId="10181" --> Word Count (1)
 UserId="12527" --> Word Count (436)
 UserId="12527" Comment="added some earlier references" --> Word Count (528)
 UserId="4933" --> Word Count (240)
 UserId="4933" --> Word Count (12)
 UserId="4933" --> Word Count (1)
 UserId="4933" Comment="deleted 1 character in body; edited tags" --> Word Count (240)
 UserId="4933" Comment="deleted 1 character in body; edited tags" --> Word Count (1)
 UserId="12363" --> Word Count (177)
 UserId="12363" --> Word Count (126)
 UserId="12650" --> Word Count (26)
 UserId="12527" Comment="added additional references on the BI term origin" --> Word Count (756)
 UserId="10936" --> Word Count (18)
 UserId="8013" --> Word Count (44)
 UserId="8013" --> Word Count (12)

UserId="8013" --> Word Count (1)
 UserId="10936" --> Word Count (110)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="12665" --> Word Count (35)
 UserId="12665" --> Word Count (10)
 UserId="12665" --> Word Count (1)
 UserId="5027" --> Word Count (109)
 UserId="5027" --> Word Count (3)
 UserId="5027" --> Word Count (1)
 UserId="3151" --> Word Count (56)
 UserId="3151" --> Word Count (13)
 UserId="3151" --> Word Count (1)
 UserId="12663" --> Word Count (735)
 UserId="12663" --> Word Count (11)
 UserId="12663" --> Word Count (1)
 UserId="10568" --> Word Count (73)
 UserId="3151" --> Word Count (68)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="1151" --> Word Count (68)
 UserId="1151" --> Word Count (6)
 UserId="1151" --> Word Count (1)
 UserId="12536" --> Word Count (27)
 UserId="12557" --> Word Count (73)
 UserId="12557" --> Word Count (9)
 UserId="12557" --> Word Count (1)
 UserId="12557" Comment="added 319 characters in body; deleted 17 characters in body" --> Word Count (100)
 UserId="2750" --> Word Count (35)
 UserId="12597" Comment="deleted 2 characters in body; edited title"
 Text="**Problem/Main objective/TLDR:** Train a classifier, then feed it a random review and get the correspondent predicted review rating (number of stars from 1 to 5) - only 60% accuracy! :(

I have a big dataset with around 48000 tech product reviews (from many different writers and from different products - here this is not so important (?) and corresponding ratings (1 to 5 stars) I randomly selected some reviews within each class:

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 Get most frequent bigrams that folowing some POS tags rules for most frequent trigrams (I have seen this rules - using this POS patterns in "Automatic Star-rating Generation from --> Word Count (831)
 UserId="12597" Comment="deleted 2 characters in body; edited title" --> Word

Count (10)

UserId="12597" Comment="deleted 2 characters in body; edited title"

Text="**Problem/Main objective/TLDR:** Train a classifier, then feed it a random review and get the correspondent predicted review rating (number of stars from 1 to 5) - only 60% accuracy! :(

I have a big dataset with around 48000 tech product reviews (from many different writers and from different products - here this is not so important (?)) and corresponding ratings (1 to 5 stars) I randomly selected some reviews within each class:

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UserId="2750" Comment="Improved formatting" --> Word Count (157)

UserId="5103" --> Word Count (125)

UserId="5103" --> Word Count (7)

UserId="5103" --> Word Count (1)

UserId="5103" Comment="clarification of problem" --> Word Count (298)

UserId="12699" --> Word Count (212)

UserId="12699" --> Word Count (5)

UserId="12699" --> Word Count (1)

UserId="12699" Comment="added 85 characters in body; edited tags" --> Word Count (217)

UserId="12699" Comment="added 85 characters in body; edited tags" --> Word Count (1)

UserId="12699" Comment="added 186 characters in body" --> Word Count (235)

UserId="12235" --> Word Count (171)

UserId="12235" --> Word Count (7)

UserId="12235" --> Word Count (1)

UserId="12699" Comment="added 470 characters in body" --> Word Count (315)

UserId="12699" Comment="added 91 characters in body" --> Word Count (324)

UserId="690" --> Word Count (78)

UserId="690" --> Word Count (7)

UserId="690" --> Word Count (1)

UserId="11097" --> Word Count (181)

UserId="690" --> Word Count (23)

UserId="11098" --> Word Count (39)

UserId="12710" --> Word Count (214)

UserId="12710" --> Word Count (8)

UserId="12710" --> Word Count (1)

UserId="11098" --> Word Count (722)

UserId="5179" --> Word Count (18)
 UserId="924" --> Word Count (189)
 UserId="11098" Comment="Added supplemental info about coursera ML course." --> Word Count (779)
 UserId="843" Comment="cleaned title" --> Word Count (5)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="12712" --> Word Count (18)
 UserId="11097" Comment="Added a link to the Moz blog article" --> Word Count (207)
 UserId="12597" Comment="confusion matrix" Text="**Problem/Main objective/TLDR:**
 Train a classifier, then feed it a random review and get the correspondent
 predicted review rating (number of stars from 1 to 5) - only 60% accuracy!
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My 1st "dummie" aproach was:


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 POS tagging

 Get most
 frequent bigrams that folowing some POS tags rules for most frequent trigrams (I
 have seen this rules - using this POS patterns in "Automatic Star-rating
 Generation from --> Word Count (964)
 UserId="3151" Comment="added example" --> Word Count (66)
 UserId="11097" Comment="Included hyperlink" --> Word Count (69)
 UserId="11097" Comment="Added the links and text for curricula" --> Word Count (283)
 UserId="12597" Comment="changed image" Text="**Problem/Main objective/TLDR:**
 Train a classifier, then feed it a random review and get the correspondent
 predicted review rating (number of stars from 1 to 5) - only 60% accuracy!
 :(

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 ('review text', 'x star')
 ('review text', 'x
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 ...

My 1st "dummie" aproach was:


 Tokenize review text
 POS tagging

 Get most

frequent bigrams that following some POS tags rules for most frequent trigrams (I have seen this rules - using this POS patterns in "Automatic Star-rating Generation from --> Word Count (966)

UserId="12597" Comment="edited body" Text="**Problem/Main objective/TLDR:**
Train a classifier, then feed it a random review and get the correspondent predicted review rating (number of stars from 1 to 5) - only 60% accuracy!
:(

I have a big dataset with around 48000 tech product reviews (from many different writers and from different products - here this is not so important (?)) and corresponding ratings (1 to 5 stars) I randomly selected some reviews within each class:

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 ('review text', 'x star')
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...

My 1st "dummie" aproach was:


Tokenize review text
 POS tagging

 Get most frequent bigrams that following some POS tags rules for most frequent trigrams (I have seen this rules - using this POS patterns in "Automatic Star-rating Generation from --> Word Count (966)

UserId="12665" Comment="added 1574 characters in body; edited title" --> Word Count (335)

UserId="12665" Comment="added 1574 characters in body; edited title" --> Word Count (10)

UserId="10936" --> Word Count (291)

UserId="12717" --> Word Count (85)

UserId="836" --> Word Count (647)

UserId="5179" Comment="deleted 3 characters in body" --> Word Count (18)

UserId="12723" --> Word Count (117)

UserId="12723" --> Word Count (10)

UserId="12723" --> Word Count (1)

UserId="560" Comment="added 1 character in body" --> Word Count (169)

UserId="21" --> Word Count (2)

UserId="12730" --> Word Count (90)

UserId="1151" --> Word Count (87)

UserId="1151" --> Word Count (14)

UserId="1151" --> Word Count (1)

UserId="12732" --> Word Count (16)

UserId="12732" --> Word Count (7)

UserId="12732" --> Word Count (1)

UserId="11097" --> Word Count (92)

UserId="11097" Comment="Edited title and formatter text for grammar" --> Word Count (11)

UserId="11097" Comment="Edited title and formatter text for grammar" --> Word Count (9)

UserId="21" Comment="103" --> Word Count (2)

UserId="12665" Comment="noted that AIC is minimum at N=3 and changed the text accordingly " --> Word Count (332)
 UserId="3314" --> Word Count (146)
 UserId="3314" --> Word Count (4)
 UserId="3314" --> Word Count (1)
 UserId="12747" --> Word Count (224)
 UserId="12747" --> Word Count (7)
 UserId="12747" --> Word Count (1)
 <DELETE> --> Word Count (43)
 UserId="11097" Comment="Fixed grammar" --> Word Count (11)
 UserId="10517" --> Word Count (229)
 UserId="12732" --> Word Count (72)
 UserId="12732" --> Word Count (5)
 UserId="12732" --> Word Count (1)
 UserId="12732" Comment="added 25 characters in body" --> Word Count (74)
 UserId="21" Comment="101" --> Word Count (2)
 UserId="710" Comment="cleanup cormat" --> Word Count (54)
 UserId="12770" --> Word Count (213)
 UserId="12770" --> Word Count (10)
 UserId="12770" --> Word Count (1)
 UserId="12770" Comment="added 250 characters in body" --> Word Count (259)
 UserId="12770" Comment="added 108 characters in body" --> Word Count (277)
 UserId="12699" Comment="Updated for some new experiment results." --> Word Count (389)
 UserId="10345" --> Word Count (134)
 UserId="10345" --> Word Count (4)
 UserId="10345" --> Word Count (1)
 UserId="12777" --> Word Count (96)
 UserId="12777" --> Word Count (10)
 UserId="12777" --> Word Count (1)
 UserId="2961" Comment="improved formatting; edited tags" --> Word Count (253)
 UserId="2961" Comment="improved formatting; edited tags" --> Word Count (4)
 UserId="2961" Comment="improved formatting; edited tags" --> Word Count (1)
 UserId="710" --> Word Count (37)
 UserId="12776" --> Word Count (422)
 UserId="12776" --> Word Count (8)
 UserId="12776" --> Word Count (1)
 UserId="6550" --> Word Count (120)
 UserId="12786" --> Word Count (74)
 UserId="11097" --> Word Count (172)
 UserId="14885" UserDisplayName="derekchen14" --> Word Count (191)
 UserId="14885" UserDisplayName="derekchen14" --> Word Count (12)
 UserId="14885" UserDisplayName="derekchen14" --> Word Count (1)
 UserId="12747" Comment="added 279 characters in body" --> Word Count (271)
 UserId="5179" Comment="added 1 character in body" --> Word Count (18)
 UserId="11074" --> Word Count (71)
 UserId="11074" --> Word Count (7)
 UserId="11074" --> Word Count (1)

UserId="12798" --> Word Count (220)
 UserId="12798" --> Word Count (131)
 UserId="12798" --> Word Count (96)
 UserId="12798" --> Word Count (51)
 UserId="12801" --> Word Count (139)
 UserId="12801" --> Word Count (4)
 UserId="12801" --> Word Count (1)
 UserId="11097" --> Word Count (122)
 UserId="11097" Comment="Added answer to the side question" --> Word Count (168)
 UserId="11097" Comment="added 2 characters in body" --> Word Count (168)
 UserId="12807" --> Word Count (14)
 UserId="12776" Comment="clarifications" --> Word Count (569)
 UserId="11097" Comment="Added link to the paper" --> Word Count (78)
 UserId="12812" --> Word Count (29)
 UserId="12827" --> Word Count (84)
 UserId="12827" --> Word Count (8)
 UserId="12827" --> Word Count (1)
 UserId="12776" Comment="add curves" --> Word Count (660)
 UserId="10345" --> Word Count (182)
 UserId="10814" --> Word Count (119)
 <DELETE> --> Word Count (239)
 UserId="12844" --> Word Count (6)
 UserId="12294" --> Word Count (333)
 UserId="12294" --> Word Count (3)
 UserId="12294" --> Word Count (1)
 UserId="12844" Comment="added 413 characters in body" --> Word Count (69)
 UserId="12844" Comment="added 413 characters in body" --> Word Count (69)
 UserId="12844" Comment="added 71 characters in body" --> Word Count (78)
 UserId="12844" Comment="added 59 characters in body" --> Word Count (78)
 UserId="9373" --> Word Count (113)
 UserId="9373" --> Word Count (6)
 UserId="9373" --> Word Count (1)
 UserId="12473" --> Word Count (104)
 UserId="11097" Comment="Added code blocks" --> Word Count (347)
 UserId="12473" --> Word Count (50)
 UserId="12473" --> Word Count (11)
 UserId="12473" --> Word Count (1)
 UserId="12844" --> Word Count (26)
 UserId="12844" Comment="added 2 characters in body" --> Word Count (26)
 UserId="292" --> Word Count (126)
 UserId="12858" --> Word Count (66)
 UserId="12858" --> Word Count (11)
 UserId="12858" --> Word Count (1)
 UserId="11098" --> Word Count (351)
 UserId="12756" --> Word Count (63)
 UserId="12756" --> Word Count (11)
 UserId="12756" --> Word Count (1)
 UserId="12779" --> Word Count (18)

UserId="12779" Comment="added 89 characters in body" --> Word Count (36)
 UserId="9025" --> Word Count (197)
 UserId="9025" --> Word Count (8)
 UserId="9025" --> Word Count (1)
 UserId="471" --> Word Count (456)
 UserId="5059" --> Word Count (106)
 UserId="12867" --> Word Count (86)
 UserId="12867" --> Word Count (12)
 UserId="12867" --> Word Count (1)
 UserId="12859" --> Word Count (46)
 UserId="12859" --> Word Count (9)
 UserId="12859" --> Word Count (1)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="12859" Comment="added 16 characters in body" --> Word Count (48)
 UserId="381" Comment="added 469 characters in body" --> Word Count (168)
 UserId="12867" --> Word Count (85)
 UserId="12867" --> Word Count (8)
 UserId="12867" --> Word Count (1)
 UserId="12867" Comment="added 45 characters in body" --> Word Count (174)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="12876" --> Word Count (497)
 UserId="12867" Comment="added 341 characters in body" --> Word Count (139)
 UserId="12881" --> Word Count (65)
 UserId="12881" --> Word Count (7)
 UserId="12881" --> Word Count (1)
 UserId="12867" Comment="added 86 characters in body" --> Word Count (149)
 UserId="12884" --> Word Count (153)
 UserId="12884" Comment="added 13 characters in body" --> Word Count (153)
 UserId="710" Comment="fixed formatting" --> Word Count (86)
 UserId="10620" --> Word Count (212)
 UserId="10620" --> Word Count (7)
 UserId="10620" --> Word Count (1)
 UserId="12867" Comment="added 848 characters in body" --> Word Count (279)
 UserId="924" --> Word Count (60)
 UserId="12898" --> Word Count (214)
 UserId="12898" --> Word Count (12)
 UserId="12898" --> Word Count (1)
 UserId="12898" --> Word Count (13)
 UserId="843" Comment="add nlp tag~~~~~" --> Word Count (1)
 UserId="843" Comment="add nlp tag." --> Word Count (1)
 UserId="9793" --> Word Count (79)
 UserId="9793" --> Word Count (7)
 UserId="9793" --> Word Count (1)
 UserId="12876" Comment="Calculation mistake fixed." --> Word Count (498)
 UserId="12473" --> Word Count (56)
 UserId="12909" --> Word Count (110)
 UserId="12909" --> Word Count (190)
 UserId="836" Comment="Attempt to import information from comments and present

question for a better chance of answer" --> Word Count (305)
UserId="836" Comment="Attempt to import information from comments and present
question for a better chance of answer" --> Word Count (18)
UserId="836" Comment="Attempt to import information from comments and present
question for a better chance of answer" --> Word Count (1)
UserId="12911" --> Word Count (156)
UserId="12911" Text="How to train a --> Word Count (8)
UserId="12911" --> Word Count (1)
UserId="12898" Comment="added 418 characters in body" --> Word Count (81)
UserId="10345" --> Word Count (97)
UserId="10345" --> Word Count (4)
UserId="10345" --> Word Count (1)
UserId="21" --> Word Count (3)
UserId="12905" --> Word Count (106)
UserId="947" --> Word Count (173)
UserId="4933" --> Word Count (407)
UserId="4933" --> Word Count (7)
UserId="4933" --> Word Count (1)
UserId="924" --> Word Count (84)
UserId="2452" --> Word Count (162)
UserId="11097" Comment="Added a code block" --> Word Count (125)
UserId="12909" --> Word Count (58)
UserId="10810" --> Word Count (19)
UserId="10810" --> Word Count (5)
UserId="10810" --> Word Count (1)
UserId="12931" --> Word Count (110)
UserId="12931" --> Word Count (7)
UserId="12931" --> Word Count (1)
UserId="5177" --> Word Count (69)
UserId="5177" Comment="added 128 characters in body" --> Word Count (89)
UserId="11097" --> Word Count (30)
UserId="5091" --> Word Count (160)
UserId="5091" --> Word Count (6)
UserId="5091" --> Word Count (1)
UserId="10764" --> Word Count (370)
UserId="10764" --> Word Count (10)
UserId="10764" --> Word Count (1)
UserId="10764" Comment="asd" --> Word Count (370)
UserId="12932" --> Word Count (233)
UserId="9793" --> Word Count (138)
UserId="9793" --> Word Count (7)
UserId="9793" --> Word Count (1)
UserId="11097" Comment="Fixed a minor typo in title" --> Word Count (6)
UserId="97" Comment="Adding right tags." --> Word Count (1)
UserId="10936" --> Word Count (97)
UserId="5091" Comment="edited tags" --> Word Count (1)
UserId="8013" --> Word Count (70)
UserId="8013" --> Word Count (11)

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 UserId="12932" Comment="added 43 characters in body" --> Word Count (240)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="11097" Comment="Removed extra comments" --> Word Count (12)
 UserId="97" --> Word Count (119)
 UserId="97" Comment="via Vote" --> Word Count (1)
 UserId="5177" Comment="added 15 characters in body" --> Word Count (90)
 UserId="97" Comment="added 236 characters in body" --> Word Count (151)
 UserId="97" --> Word Count (1)
 UserId="97" Comment="added 236 characters in body" --> Word Count (196)
 UserId="97" Comment="this is not predictive modeling" --> Word Count (1)
 UserId="12932" Comment="grammar" --> Word Count (241)
 UserId="10936" --> Word Count (83)
 UserId="97" Comment="adding some tags from stats.SE" --> Word Count (1)
 UserId="12947" --> Word Count (99)
 UserId="12947" --> Word Count (12)
 UserId="12947" --> Word Count (1)
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 UserId="12949" --> Word Count (6)
 UserId="12949" --> Word Count (1)
 UserId="11097" --> Word Count (72)
 UserId="11097" --> Word Count (176)
 UserId="12960" --> Word Count (818)
 UserId="12960" --> Word Count (264)
 UserId="1048" --> Word Count (121)
 UserId="9420" --> Word Count (511)
 UserId="5091" Comment="added 18 characters in body" --> Word Count (165)
 UserId="11097" Comment="Added code block" --> Word Count (230)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="10345" --> Word Count (119)
 UserId="10345" --> Word Count (9)
 UserId="10345" --> Word Count (1)
 UserId="12328" --> Word Count (122)
 UserId="11097" Comment="deleted 10 characters in body" --> Word Count (351)
 UserId="10487" --> Word Count (113)
 UserId="10487" --> Word Count (9)
 UserId="10487" --> Word Count (1)
 UserId="9420" --> Word Count (206)
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 UserId="3592" --> Word Count (3)
 UserId="3592" --> Word Count (1)
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 UserId="11097" --> Word Count (105)
 UserId="11097" Comment="deleted 4 characters in body" --> Word Count (105)
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 UserId="10694" --> Word Count (1)
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 UserId="12983" --> Word Count (1)
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 UserId="3151" --> Word Count (4)
 UserId="3151" --> Word Count (1)
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 UserId="11097" Comment="Added code block" --> Word Count (58)
 UserId="10169" --> Word Count (37)
 UserId="5303" Comment="added 967 characters in body" --> Word Count (318)
 UserId="989" --> Word Count (78)
 UserId="989" --> Word Count (7)
 UserId="989" --> Word Count (1)
 UserId="11097" Comment="Fixed title and typos" --> Word Count (78)
 UserId="11097" Comment="Fixed title and typos" --> Word Count (4)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="12996" --> Word Count (55)
 UserId="12996" --> Word Count (4)
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 UserId="12952" --> Word Count (41)
 UserId="21" Comment="105" --> Word Count (3)
 UserId="12999" --> Word Count (182)
 UserId="12999" --> Word Count (7)
 UserId="12999" --> Word Count (1)
 UserId="12931" Comment="added 30 characters in body" --> Word Count (113)
 UserId="13000" --> Word Count (469)
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 UserId="13000" --> Word Count (1)
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 UserId="13002" --> Word Count (9)
 UserId="13002" --> Word Count (1)
 UserId="13005" --> Word Count (215)
 UserId="12960" Comment="added 158 characters in body" --> Word Count (838)
 UserId="13009" --> Word Count (31)
 UserId="97" --> Word Count (151)
 UserId="97" Comment="relevant tagging" --> Word Count (1)
 UserId="97" Comment="added 3 characters in body" --> Word Count (151)
 UserId="13011" --> Word Count (266)
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 UserId="13011" --> Word Count (1)
 UserId="13011" Comment="added 69 characters in body" --> Word Count (280)
 UserId="13011" Comment="added 33 characters in body" --> Word Count (285)
 UserId="13023" --> Word Count (144)

UserId="10620" --> Word Count (1405)
UserId="10620" Comment="add explanation" --> Word Count (1419)
UserId="13023" --> Word Count (176)
UserId="13011" Comment="added 80 characters in body" --> Word Count (302)
UserId="13054" --> Word Count (139)
UserId="13054" --> Word Count (8)
UserId="13054" --> Word Count (1)
UserId="97" --> Word Count (49)
UserId="13056" --> Word Count (276)
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UserId="13056" --> Word Count (1)
UserId="97" Comment="relative tags added" --> Word Count (1)
UserId="97" --> Word Count (59)
UserId="97" Comment="relative tags" --> Word Count (1)
UserId="97" Comment="edited tags" --> Word Count (1)
UserId="13057" --> Word Count (116)
UserId="13057" --> Word Count (14)
UserId="13057" --> Word Count (1)
UserId="12384" --> Word Count (104)
UserId="13011" Comment="added 17 characters in body; edited tags" --> Word Count (306)
UserId="13011" Comment="added 17 characters in body; edited tags" --> Word Count (1)
UserId="13067" --> Word Count (79)
UserId="13067" --> Word Count (5)
UserId="13067" --> Word Count (1)
UserId="8013" --> Word Count (84)
UserId="8013" --> Word Count (14)
UserId="8013" --> Word Count (1)
UserId="836" --> Word Count (253)
UserId="12909" --> Word Count (120)
UserId="21" Comment="104" --> Word Count (2)
UserId="12909" --> Word Count (143)
UserId="836" Comment="deleted 13 characters in body" --> Word Count (251)
UserId="836" Comment="added 44 characters in body" --> Word Count (258)
UserId="3151" --> Word Count (38)
UserId="8088" --> Word Count (113)
UserId="8088" --> Word Count (5)
UserId="8088" --> Word Count (1)
UserId="8088" Comment="added 10 characters in body" --> Word Count (115)
UserId="97" --> Word Count (116)
UserId="97" Comment="related tags" --> Word Count (7)
UserId="97" Comment="related tags" --> Word Count (1)
UserId="97" Comment="edited tags" --> Word Count (1)
UserId="97" Comment="added 22 characters in body" --> Word Count (63)
UserId="13067" Comment="added 224 characters in body; edited title" --> Word Count (120)
UserId="13067" Comment="added 224 characters in body; edited title" --> Word

Count (12)

UserId="12851" --> Word Count (40)

UserId="9420" --> Word Count (313)

UserId="12384" Comment="added example code in R" --> Word Count (329)

UserId="12321" --> Word Count (167)

UserId="12321" --> Word Count (8)

UserId="12321" --> Word Count (1)

UserId="12909" --> Word Count (111)

UserId="8088" --> Word Count (67)

UserId="8088" --> Word Count (2)

UserId="8088" --> Word Count (1)

UserId="12909" --> Word Count (109)

UserId="11097" --> Word Count (17)

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UserId="11097" --> Word Count (1)

UserId="12321" Comment="added 247 characters in body" --> Word Count (205)

UserId="3024" --> Word Count (159)

UserId="3024" --> Word Count (9)

UserId="3024" --> Word Count (1)

UserId="8013" --> Word Count (48)

UserId="8013" --> Word Count (5)

UserId="8013" --> Word Count (1)

UserId="10094" --> Word Count (144)

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UserId="10094" --> Word Count (1)

UserId="10620" --> Word Count (53)

UserId="12515" --> Word Count (175)

UserId="12575" --> Word Count (191)

UserId="12575" Comment="deleted 8 characters in body" --> Word Count (223)

UserId="843" --> Word Count (341)

UserId="13027" --> Word Count (139)

UserId="13027" --> Word Count (10)

UserId="13027" --> Word Count (1)

UserId="843" Comment="deleted 2 characters in body" --> Word Count (341)

UserId="13103" --> Word Count (198)

UserId="13103" Comment="added 5 characters in body" --> Word Count (199)

UserId="13106" --> Word Count (257)

UserId="13106" --> Word Count (7)

UserId="13106" --> Word Count (1)

UserId="13103" Comment="added 534 characters in body" --> Word Count (333)

UserId="2452" --> Word Count (136)

UserId="13103" --> Word Count (211)

UserId="13103" Comment="Fixed grammar for "index". Added
"In/Out" labels for pre-formatted cells." --> Word Count (338)

UserId="13103" Comment="Clarified examples. Removed extra quotes.; edited body"
--> Word Count (276)

UserId="21" --> Word Count (2)

UserId="13103" --> Word Count (182)

UserId="9420" --> Word Count (240)
 UserId="8013" Comment="added 192 characters in body" --> Word Count (76)
 UserId="8013" Comment="added 192 characters in body" --> Word Count (85)
 UserId="381" --> Word Count (91)
 UserId="9085" --> Word Count (168)
 UserId="12909" --> Word Count (99)
 UserId="9085" --> Word Count (78)
 UserId="13103" Comment="Used pandas broadcasting rather than a for loop." -->
 Word Count (327)
 UserId="13120" --> Word Count (165)
 UserId="13120" --> Word Count (17)
 UserId="13120" --> Word Count (1)
 UserId="13120" Comment="added 1 character in body" --> Word Count (165)
 UserId="8088" --> Word Count (81)
 UserId="8088" --> Word Count (5)
 UserId="8088" --> Word Count (1)
 UserId="12613" --> Word Count (15)
 UserId="12613" --> Word Count (12)
 UserId="12613" --> Word Count (1)
 UserId="12876" --> Word Count (148)
 UserId="3151" --> Word Count (30)
 UserId="3151" --> Word Count (8)
 UserId="3151" --> Word Count (1)
 UserId="12876" --> Word Count (505)
 UserId="11124" --> Word Count (53)
 UserId="11124" --> Word Count (12)
 UserId="11124" --> Word Count (1)
 UserId="2485" Comment="added 495 characters in body" --> Word Count (139)
 UserId="924" --> Word Count (183)
 UserId="13103" --> Word Count (138)
 UserId="13103" Comment="short answer: no" --> Word Count (146)
 UserId="7980" --> Word Count (140)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="13132" --> Word Count (161)
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 UserId="13132" --> Word Count (1)
 UserId="7980" Comment="added 162 characters in body" --> Word Count (162)
 UserId="12983" --> Word Count (38)
 UserId="12983" --> Word Count (3)
 UserId="12983" --> Word Count (1)
 UserId="2576" --> Word Count (76)
 UserId="924" Comment="added 215 characters in body" --> Word Count (212)
 UserId="426" --> Word Count (88)
 UserId="3151" Comment="added 108 characters in body" --> Word Count (14)
 UserId="12384" --> Word Count (98)
 UserId="12876" --> Word Count (184)
 UserId="13152" --> Word Count (188)

UserId="13152" Comment="deleted 2 characters in body" --> Word Count (190)
UserId="13152" Comment="deleted 5 characters in body" --> Word Count (188)
UserId="13152" Comment="deleted 5 characters in body" --> Word Count (213)
UserId="7980" --> Word Count (58)
UserId="13154" --> Word Count (40)
UserId="13154" --> Word Count (9)
UserId="13154" --> Word Count (1)
UserId="2452" Comment="Improved wording and grammar. Added relevant tags." -->
Word Count (46)
UserId="2452" Comment="Improved wording and grammar. Added relevant tags." -->
Word Count (7)
UserId="2452" Comment="Improved wording and grammar. Added relevant tags." -->
Word Count (1)
UserId="2452" --> Word Count (351)
UserId="201" --> Word Count (109)
UserId="201" --> Word Count (334)
UserId="11097" --> Word Count (136)
UserId="11097" --> Word Count (78)
UserId="11097" Comment="added 1 character in body" --> Word Count (136)
UserId="11097" --> Word Count (159)
UserId="3151" Comment="added 306 characters in body" --> Word Count (76)
UserId="13155" --> Word Count (65)
UserId="13155" --> Word Count (8)
UserId="13155" --> Word Count (1)
UserId="10094" --> Word Count (37)
UserId="12363" --> Word Count (252)
UserId="13155" --> Word Count (76)
UserId="13155" --> Word Count (4)
UserId="13155" --> Word Count (1)
UserId="13168" --> Word Count (392)
UserId="13168" --> Word Count (10)
UserId="13168" --> Word Count (1)
UserId="13168" Comment="added 359 characters in body" --> Word Count (442)
UserId="201" --> Word Count (218)
UserId="201" --> Word Count (156)
UserId="13175" --> Word Count (144)
UserId="13175" --> Word Count (12)
UserId="13175" --> Word Count (1)
UserId="13179" --> Word Count (791)
UserId="13179" --> Word Count (13)
UserId="13179" --> Word Count (1)
UserId="5103" --> Word Count (63)
UserId="5103" --> Word Count (7)
UserId="5103" --> Word Count (1)
UserId="13103" Comment="rearranged answer with headline first" --> Word Count
(176)
UserId="13103" --> Word Count (19)
UserId="13103" Comment="close paren" --> Word Count (176)

UserId="1018" --> Word Count (460)
UserId="1018" --> Word Count (15)
UserId="1018" --> Word Count (1)
UserId="1018" Comment="added 45 characters in body" --> Word Count (468)
UserId="1018" Comment="added 45 characters in body" --> Word Count (1)
UserId="1018" Comment="edited tags" --> Word Count (1)
UserId="5143" --> Word Count (461)
UserId="13182" Text="I have a very large csv file which Apple Numbers won't open. I can open it with" --> Word Count (35)
UserId="13182" --> Word Count (6)
UserId="13182" --> Word Count (1)
UserId="13176" --> Word Count (127)
UserId="201" --> Word Count (118)
UserId="12909" --> Word Count (96)
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UserId="9035" --> Word Count (1)
UserId="13027" --> Word Count (194)
UserId="13176" Comment="edited body" --> Word Count (127)
UserId="5177" --> Word Count (255)
UserId="201" --> Word Count (117)
UserId="11097" Comment="Added hyperlink" --> Word Count (54)
UserId="609" Comment="Added hyperlink, clarified headline" --> Word Count (12)
UserId="10620" --> Word Count (100)
UserId="1367" --> Word Count (479)
UserId="13201" --> Word Count (32)
UserId="13176" --> Word Count (55)
UserId="10620" Comment="additional features added" --> Word Count (277)
UserId="13155" --> Word Count (43)
UserId="13155" --> Word Count (8)
UserId="13155" --> Word Count (1)
UserId="10904" --> Word Count (151)
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 UserId="13227" --> Word Count (23)
 UserId="13227" --> Word Count (13)
 UserId="13227" --> Word Count (1)
 UserId="11097" --> Word Count (26)
 UserId="11097" Comment="Trivial edits" --> Word Count (212)
 UserId="5177" --> Word Count (251)
 UserId="1077" --> Word Count (70)
 UserId="836" --> Word Count (165)
 UserId="836" Comment="added 137 characters in body" --> Word Count (196)
 UserId="7848" --> Word Count (147)
 UserId="7848" --> Word Count (4)
 UserId="7848" --> Word Count (1)
 UserId="13254" --> Word Count (73)
 UserId="3024" --> Word Count (9)
 UserId="11097" Comment="Fixed some typos and added a hyperlink" --> Word Count (123)
 UserId="13213" --> Word Count (358)
 UserId="11097" Comment="Added a hyper link to the documentation" --> Word Count (155)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="11097" Comment="Expanded for better clarity and added hyperlink" --> Word Count (207)
 UserId="97" Comment="relative tagging" --> Word Count (1)
 UserId="13083" --> Word Count (31)
 UserId="13083" --> Word Count (6)
 UserId="13083" --> Word Count (1)
 UserId="13213" --> Word Count (146)
 UserId="7848" Comment="added 104 characters in body" --> Word Count (163)
 UserId="3024" Comment="I gave details of the solution" --> Word Count (220)
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 UserId="9123" --> Word Count (12)
 UserId="9123" --> Word Count (1)
 UserId="13179" --> Word Count (169)
 UserId="13179" --> Word Count (9)
 UserId="13179" --> Word Count (1)
 UserId="13179" Comment="added 161 characters in body" --> Word Count (197)
 UserId="13274" --> Word Count (133)
 UserId="13274" --> Word Count (3)
 UserId="13274" --> Word Count (1)
 UserId="9085" --> Word Count (92)
 UserId="13236" --> Word Count (14)
 UserId="13236" --> Word Count (9)
 UserId="13236" --> Word Count (1)

UserId="11097" --> Word Count (52)
UserId="9123" Comment="added 53 characters in body" --> Word Count (74)
UserId="836" Comment="added 96 characters in body" --> Word Count (206)
UserId="10620" --> Word Count (468)
UserId="11097" Comment="Fixed a typo" --> Word Count (13)
UserId="11097" Comment="Edited the code block" --> Word Count (157)
UserId="13176" --> Word Count (58)
UserId="13176" --> Word Count (147)
UserId="12876" --> Word Count (150)
UserId="12867" --> Word Count (175)
UserId="12867" --> Word Count (16)
UserId="12867" --> Word Count (1)
UserId="13285" --> Word Count (242)
UserId="13285" --> Word Count (9)
UserId="13285" --> Word Count (1)
UserId="12876" --> Word Count (288)
UserId="13285" Comment="added 148 characters in body" --> Word Count (274)
UserId="12876" Comment="Spelling and formatting improvements." --> Word Count (179)
UserId="12867" Comment="Spelling and formatting improvements." --> Word Count (179)
UserId="13292" --> Word Count (77)
UserId="13292" --> Word Count (3)
UserId="13292" --> Word Count (1)
UserId="2452" Comment="Improved wording, grammar and punctuation." --> Word Count (68)
UserId="2452" Comment="Improved wording, grammar and punctuation." --> Word Count (3)
UserId="12363" --> Word Count (28)
UserId="12363" Comment="add code snippet example" --> Word Count (81)
UserId="97" Comment="edited title" --> Word Count (11)
UserId="12867" --> Word Count (162)
UserId="12363" --> Word Count (253)
UserId="7848" Comment="added 518 characters in body" --> Word Count (245)
UserId="12867" --> Word Count (153)
UserId="13307" --> Word Count (86)
UserId="13307" --> Word Count (11)
UserId="13307" --> Word Count (1)
UserId="13309" --> Word Count (202)
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UserId="13309" --> Word Count (1)
UserId="21" --> Word Count (34)
UserId="9304" --> Word Count (44)
UserId="9304" --> Word Count (8)
UserId="9304" --> Word Count (1)
UserId="9304" --> Word Count (224)
UserId="13315" --> Word Count (7)
UserId="13323" --> Word Count (189)

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 UserId="8338" --> Word Count (5)
 UserId="8338" --> Word Count (1)
 UserId="3550" --> Word Count (60)
 UserId="3550" --> Word Count (3)
 UserId="3550" --> Word Count (1)
 UserId="11097" --> Word Count (44)
 UserId="11097" --> Word Count (81)
 UserId="843" Comment="add reference-request tag" --> Word Count (1)
 UserId="9035" --> Word Count (48)
 UserId="12363" --> Word Count (67)
 UserId="12363" Comment="added 2 characters in body" --> Word Count (69)
 UserId="9390" Comment="spelling and grammar" --> Word Count (245)
 UserId="9390" Comment="spelling and grammar" --> Word Count (3)
 UserId="201" --> Word Count (134)
 UserId="201" --> Word Count (10)
 UserId="201" --> Word Count (1)
 UserId="11097" --> Word Count (78)
 UserId="12363" Comment="just want to point out that punctuation are tokens" -->
 Word Count (423)
 UserId="13176" --> Word Count (22)
 UserId="10169" --> Word Count (66)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="12363" Comment="added 2 characters in body" --> Word Count (253)
 UserId="13341" --> Word Count (139)
 UserId="13341" --> Word Count (2)
 UserId="13341" --> Word Count (1)
 UserId="10169" Comment="added 209 characters in body" --> Word Count (32)
 UserId="9390" Comment="spelling and grammar" --> Word Count (189)
 UserId="843" Comment="add expectation-maximization tag" --> Word Count (21)
 UserId="843" Comment="add expectation-maximization tag" --> Word Count (1)
 UserId="8338" Comment="edited tags" --> Word Count (1)
 UserId="10169" Comment="added 1031 characters in body" --> Word Count (129)
 UserId="339" --> Word Count (58)
 UserId="339" --> Word Count (4)
 UserId="339" --> Word Count (1)
 UserId="2452" --> Word Count (169)
 UserId="9597" --> Word Count (52)
 UserId="9597" --> Word Count (121)
 UserId="2452" Comment="Shortened some links. Improved wording for brevity." -->
 Word Count (168)
 UserId="12876" --> Word Count (249)
 UserId="12876" --> Word Count (157)
 UserId="13350" --> Word Count (35)
 UserId="13350" --> Word Count (10)

UserId="13350" --> Word Count (1)
 UserId="12363" --> Word Count (29)
 UserId="3044" --> Word Count (74)
 UserId="924" --> Word Count (141)
 UserId="924" Comment="added 636 characters in body" --> Word Count (253)
 UserId="9420" --> Word Count (280)
 UserId="12876" --> Word Count (456)
 UserId="12876" Comment="Switched incorrect d_i to correct t_i." --> Word Count (464)
 UserId="9420" Comment="Added slightly more detailed discussion at the end." --> Word Count (426)
 UserId="12876" Comment="Copied over the augmented frequency formula from Wikipedia. Added TeX formatting for formulas and terms." --> Word Count (275)
 UserId="836" --> Word Count (283)
 UserId="13285" Comment="added 1017 characters in body" --> Word Count (539)
 UserId="13285" Comment="added 1 character in body" --> Word Count (539)
 UserId="10169" --> Word Count (18)
 UserId="9941" --> Word Count (115)
 UserId="11097" Comment="Added hyperlinks" --> Word Count (99)
 UserId="11097" Comment="Added a hyperlink" --> Word Count (10)
 UserId="12876" Comment="Removed extra factor of 0.5 I mistakenly added earlier." --> Word Count (538)
 UserId="13285" Comment="added 546 characters in body" --> Word Count (642)
 UserId="3466" --> Word Count (240)
 UserId="3466" --> Word Count (7)
 UserId="3466" --> Word Count (1)
 UserId="12515" --> Word Count (110)
 UserId="12515" --> Word Count (8)
 UserId="12515" --> Word Count (1)
 UserId="5177" --> Word Count (152)
 UserId="5177" Comment="added 12 characters in body; added 275 characters in body" --> Word Count (202)
 UserId="5177" Comment="added 4 characters in body" --> Word Count (203)
 UserId="5177" --> Word Count (45)
 UserId="13385" --> Word Count (85)
 UserId="13385" --> Word Count (6)
 UserId="13385" --> Word Count (1)
 UserId="13390" --> Word Count (132)
 UserId="13390" --> Word Count (14)
 UserId="13390" --> Word Count (1)
 UserId="13392" --> Word Count (197)
 UserId="13392" --> Word Count (24)
 UserId="13392" --> Word Count (1)
 UserId="5177" Comment="added 75 characters in body" --> Word Count (60)
 UserId="11097" --> Word Count (43)
 UserId="339" Comment="typo fix" --> Word Count (58)
 UserId="13285" Comment="deleted 184 characters in body" --> Word Count (622)
 UserId="13216" --> Word Count (97)

UserId="13285" Comment="added 179 characters in body" --> Word Count (659)
 UserId="13285" Comment="added 179 characters in body" --> Word Count (762)
 UserId="13413" --> Word Count (35)
 UserId="13413" Comment="added 33 characters in body" --> Word Count (35)
 UserId="13416" --> Word Count (233)
 UserId="13416" --> Word Count (13)
 UserId="13416" --> Word Count (1)
 UserId="5303" --> Word Count (29)
 UserId="11097" Comment="Added code blocks and hyperlink" --> Word Count (100)
 UserId="11097" Comment="Added relevant tags, and fixed title" --> Word Count (83)
 UserId="11097" Comment="Added relevant tags, and fixed title" --> Word Count (6)
 UserId="11097" Comment="Added relevant tags, and fixed title" --> Word Count (1)
 UserId="13413" --> Word Count (73)
 UserId="13413" --> Word Count (13)
 UserId="13413" --> Word Count (1)
 UserId="9123" --> Word Count (38)
 UserId="13285" Comment="added 300 characters in body" --> Word Count (818)
 UserId="9867" --> Word Count (54)
 UserId="9867" --> Word Count (5)
 UserId="9867" --> Word Count (1)
 UserId="525" --> Word Count (282)
 UserId="9867" Comment="spelling: PCA means "principal";" --> Word Count (282)
 UserId="9867" --> Word Count (24)
 UserId="9867" Comment="use TeX for math" --> Word Count (54)
 UserId="9867" Comment="use TeX for math" --> Word Count (1)
 UserId="5177" Comment="added 888 characters in body" --> Word Count (195)
 UserId="11097" Comment="Minor edits and a codeblock" --> Word Count (167)
 UserId="13285" Comment="deleted 4 characters in body" --> Word Count (818)
 UserId="13285" --> Word Count (194)
 UserId="13285" --> Word Count (2)
 UserId="13285" --> Word Count (1)
 UserId="13441" --> Word Count (51)
 UserId="13441" --> Word Count (3)
 UserId="13441" --> Word Count (1)
 UserId="13413" Comment="Edited for grammar, clarity, and LaTeX." --> Word Count (128)
 UserId="13285" Comment="added 3 characters in body" --> Word Count (129)
 UserId="13413" --> Word Count (428)
 UserId="13447" --> Word Count (111)
 UserId="13447" --> Word Count (2)
 UserId="13447" --> Word Count (1)
 UserId="13447" Comment="deleted 108 characters in body" --> Word Count (94)
 UserId="843" --> Word Count (21)
 UserId="843" --> Word Count (8)

UserId="843" --> Word Count (1)
 UserId="924" --> Word Count (25)
 UserId="13450" --> Word Count (44)
 UserId="13450" --> Word Count (7)
 UserId="13450" --> Word Count (1)
 UserId="12290" --> Word Count (440)
 UserId="13457" --> Word Count (208)
 UserId="13457" --> Word Count (9)
 UserId="13457" --> Word Count (1)
 UserId="9420" --> Word Count (334)
 UserId="10663" --> Word Count (95)
 UserId="843" Comment="not about recommender-systems" --> Word Count (1)
 UserId="9314" --> Word Count (92)
 UserId="13469" --> Word Count (65)
 UserId="13469" Comment="added 176 characters in body" --> Word Count (85)
 UserId="5177" Comment="corrected grammar" --> Word Count (19)
 UserId="5177" Comment="corrected grammar" --> Word Count (1)
 UserId="843" Comment="not about recommender systems" --> Word Count (1)
 UserId="13480" --> Word Count (115)
 UserId="13480" --> Word Count (13)
 UserId="13480" --> Word Count (1)
 UserId="924" Comment="added 65 characters in body" --> Word Count (222)
 UserId="13413" --> Word Count (287)
 UserId="7848" --> Word Count (102)
 UserId="13413" Comment="Edited for style" --> Word Count (101)
 UserId="10345" --> Word Count (149)
 UserId="10345" --> Word Count (8)
 UserId="10345" --> Word Count (1)
 UserId="13485" --> Word Count (78)
 UserId="13485" --> Word Count (10)
 UserId="13485" --> Word Count (1)
 UserId="13485" --> Word Count (54)
 UserId="13485" --> Word Count (22)
 UserId="13485" --> Word Count (1)
 UserId="13406" --> Word Count (46)
 UserId="13485" --> Word Count (52)
 UserId="836" Comment=" suggested fix for typo 70+20 != 100, also link and correct spelling for Vowpal Wabbit" --> Word Count (105)
 UserId="13285" --> Word Count (110)
 UserId="13285" Comment="via Vote" --> Word Count (1)
 UserId="13285" --> Word Count (1)
 UserId="5177" Comment="edit linking" --> Word Count (76)
 UserId="13498" --> Word Count (124)
 UserId="11097" Comment="Added a relevant tag" --> Word Count (1)
 UserId="13413" Comment="Rotated image, corrected for grammar, style, and LaTeX." --> Word Count (194)
 UserId="843" Comment="typo~~~~~" --> Word Count (62)
 UserId="13413" Comment="Edited for grammar and clarity." --> Word Count (86)

UserId="11097" Comment="Minor edits and added a hyperlink" --> Word Count (179)
 UserId="21" Comment="Added a hyperlink" --> Word Count (179)
 UserId="843" Comment="not about recommender systems" --> Word Count (1)
 UserId="9597" --> Word Count (72)
 UserId="13406" --> Word Count (150)
 UserId="13406" Comment="deleted 8 characters in body" --> Word Count (149)
 UserId="8013" --> Word Count (32)
 UserId="8013" --> Word Count (7)
 UserId="8013" --> Word Count (1)
 UserId="5091" --> Word Count (63)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="13512" --> Word Count (93)
 UserId="13512" --> Word Count (9)
 UserId="13512" --> Word Count (1)
 UserId="11097" Comment="Fixed minor errors" --> Word Count (84)
 UserId="13516" --> Word Count (41)
 UserId="13516" --> Word Count (19)
 UserId="13516" --> Word Count (1)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="843" Comment="added 93 characters in body" --> Word Count (16)
 UserId="836" --> Word Count (136)
 UserId="13481" --> Word Count (174)
 UserId="13481" --> Word Count (10)
 UserId="13481" --> Word Count (1)
 UserId="6514" --> Word Count (99)
 UserId="6514" --> Word Count (6)
 UserId="6514" --> Word Count (1)
 UserId="13521" --> Word Count (123)
 UserId="13521" --> Word Count (8)
 UserId="13521" --> Word Count (1)
 UserId="12377" --> Word Count (148)
 UserId="12377" --> Word Count (10)
 UserId="12377" --> Word Count (1)
 UserId="13521" Comment="added 1 character in body" --> Word Count (123)
 UserId="7738" --> Word Count (14)
 UserId="7738" Comment="added 380 characters in body" --> Word Count (81)
 UserId="7969" --> Word Count (191)
 UserId="7969" Comment="added 22 characters in body" --> Word Count (196)
 UserId="13413" --> Word Count (102)
 UserId="13529" --> Word Count (77)
 UserId="12515" --> Word Count (172)
 UserId="12515" --> Word Count (11)
 UserId="12515" --> Word Count (1)
 UserId="7969" Comment="deleted 28 characters in body" --> Word Count (191)
 UserId="13521" --> Word Count (60)
 UserId="13056" --> Word Count (136)
 UserId="13056" --> Word Count (5)

UserId="13056" --> Word Count (1)
 UserId="13521" Comment="added 104 characters in body" --> Word Count (65)
 UserId="13413" Comment="Added .net tag" --> Word Count (1)
 UserId="13521" Comment="grammar" --> Word Count (122)
 UserId="13521" Comment="grammar... again..." --> Word Count (60)
 UserId="13521" Comment="grammar" --> Word Count (7)
 UserId="924" Comment="No clustering here. It's supervised classification." --> Word Count (1)
 UserId="13443" --> Word Count (44)
 UserId="381" Comment="edited body" --> Word Count (159)
 UserId="9420" --> Word Count (249)
 UserId="13508" --> Word Count (145)
 UserId="13508" --> Word Count (8)
 UserId="13508" --> Word Count (1)
 UserId="13413" Comment="Corrected "TD-IDF" and grammar." --> Word Count (133)
 UserId="21" Comment="Corrected "TD-IDF" and grammar." --> Word Count (132)
 UserId="13563" --> Word Count (129)
 UserId="13562" --> Word Count (199)
 UserId="13562" --> Word Count (5)
 UserId="13562" --> Word Count (1)
 UserId="13567" --> Word Count (17)
 UserId="7969" Comment="added 2859 characters in body" --> Word Count (683)
 UserId="12473" --> Word Count (76)
 UserId="12876" --> Word Count (216)
 UserId="8463" --> Word Count (119)
 UserId="4737" --> Word Count (74)
 UserId="13413" --> Word Count (271)
 UserId="11097" Comment="Added code blocks" --> Word Count (53)
 UserId="13574" --> Word Count (137)
 UserId="13574" --> Word Count (6)
 UserId="13574" --> Word Count (1)
 UserId="10663" --> Word Count (93)
 UserId="13508" Comment="added 145 characters in body" --> Word Count (170)
 UserId="13413" --> Word Count (102)
 UserId="13413" --> Word Count (146)
 UserId="13413" --> Word Count (109)
 UserId="13574" Comment="updated with better sample data, context, links" --> Word Count (193)
 UserId="13413" --> Word Count (102)
 UserId="13583" --> Word Count (197)
 UserId="13583" --> Word Count (73)
 UserId="13583" --> Word Count (44)
 UserId="13413" Comment="Edited for arbitrary usage of grammar and syntax." --> Word Count (116)
 UserId="13413" Comment="Edited for style and clarity. Added a tag. PDF should be a tag, as information extraction from PDFs is a common problem." --> Word Count

(109)

UserId="13413" Comment="Edited for style and clarity. Added a tag. PDF should be a tag, as information extraction from PDFs is a common problem." --> Word Count (1)

UserId="13413" Comment="Edited for grammar and clarity. Added a tag." --> Word Count (64)

UserId="13413" Comment="Edited for grammar and clarity. Added a tag." --> Word Count (1)

UserId="13413" Comment="Edited for grammar, clarity, LaTeX, and accuracy." --> Word Count (160)

UserId="13413" Comment="Edited for grammar, style, and link to wikipedia entry" --> Word Count (166)

UserId="13413" Comment="Edited for grammar." --> Word Count (127)

UserId="10663" Comment="added data object." --> Word Count (384)

UserId="10663" Comment="added data object." --> Word Count (1)

UserId="13593" --> Word Count (159)

UserId="13593" --> Word Count (4)

UserId="13593" --> Word Count (1)

UserId="13562" --> Word Count (79)

UserId="13562" --> Word Count (10)

UserId="13562" --> Word Count (1)

UserId="13562" Comment="edited tags" --> Word Count (1)

UserId="13598" --> Word Count (32)

UserId="13596" --> Word Count (225)

UserId="13596" --> Word Count (7)

UserId="13596" --> Word Count (1)

UserId="12473" --> Word Count (183)

UserId="12473" Comment="add links, specify n-gram lengths" --> Word Count (194)

UserId="12876" --> Word Count (229)

UserId="13413" Comment="Edited for grammar and clarity. Added a tag." --> Word Count (160)

UserId="13413" Comment="Edited for grammar and clarity. Added a tag." --> Word Count (1)

UserId="13593" Comment="Edited for grammar and clarity. Added a tag." --> Word Count (159)

UserId="9146" --> Word Count (42)

UserId="9146" Comment="clarify" --> Word Count (67)

UserId="9146" Comment="new column" --> Word Count (78)

UserId="13413" --> Word Count (217)

UserId="13413" --> Word Count (4)

UserId="13413" --> Word Count (1)

UserId="13285" --> Word Count (131)

UserId="13413" Comment="Edited for grammar, clarity, and tags." --> Word Count (226)

UserId="13413" Comment="Edited for grammar, clarity, and tags." --> Word Count (1)

UserId="13285" Comment="added 128 characters in body" --> Word Count (159)

UserId="13348" --> Word Count (147)

UserId="13348" --> Word Count (11)
 UserId="13348" --> Word Count (1)
 UserId="609" --> Word Count (352)
 UserId="13606" --> Word Count (93)
 UserId="13606" --> Word Count (4)
 UserId="13606" --> Word Count (1)
 UserId="13413" Comment="Edited for grammar." --> Word Count (91)
 UserId="13529" --> Word Count (69)
 UserId="13529" --> Word Count (4)
 UserId="13529" --> Word Count (1)
 UserId="13413" Comment="Edited for grammar and clarity." --> Word Count (63)
 UserId="13413" Comment="Edited for grammar, clarity, formatting, and tags." -->
 Word Count (158)
 UserId="13413" Comment="Edited for grammar, clarity, formatting, and tags." -->
 Word Count (1)
 UserId="381" --> Word Count (27)
 UserId="924" --> Word Count (57)
 UserId="13618" --> Word Count (99)
 UserId="13618" --> Word Count (3)
 UserId="13618" --> Word Count (1)
 UserId="13521" --> Word Count (40)
 UserId="13413" Comment="Edited for grammar and clarity." --> Word Count (122)
 UserId="13450" --> Word Count (77)
 UserId="13450" --> Word Count (8)
 UserId="13450" --> Word Count (1)
 UserId="13450" Comment="added 96 characters in body" --> Word Count (95)
 UserId="12963" --> Word Count (96)
 UserId="12963" --> Word Count (12)
 UserId="12963" --> Word Count (1)
 UserId="13413" Comment="Edited for clarity and grammar." --> Word Count (93)
 UserId="13413" Comment="Edited for clarity and grammar." --> Word Count (12)
 UserId="13413" Comment="Edited for style and grammar." --> Word Count (98)
 UserId="12473" --> Word Count (61)
 UserId="12473" --> Word Count (75)
 UserId="13285" --> Word Count (127)
 UserId="10683" --> Word Count (204)
 UserId="13285" Comment="added 55 characters in body" --> Word Count (129)
 UserId="3044" --> Word Count (125)
 UserId="3044" --> Word Count (10)
 UserId="3044" --> Word Count (1)
 UserId="13413" --> Word Count (355)
 UserId="13413" Comment="Edited for clarity, grammar, and LaTeX." --> Word Count
 (742)
 UserId="13413" Comment="Edited for clarity and grammar." --> Word Count (128)
 UserId="13413" Comment="Edited for grammar, clarity, and tags." --> Word Count
 (159)
 UserId="13413" Comment="Edited for grammar, clarity, and tags." --> Word Count
 (1)

UserId="10683" Comment="corrected spelling/typos" --> Word Count (204)
 UserId="5177" --> Word Count (128)
 UserId="13625" --> Word Count (285)
 UserId="5177" Comment="correcting typo" --> Word Count (159)
 UserId="13413" Comment="Edited for grammar and to adhere to r parlance. " --> Word Count (121)
 UserId="13625" Comment="added 7 characters in body" --> Word Count (285)
 UserId="13413" Comment="Edited for grammar and LaTeX." --> Word Count (176)
 UserId="12473" Comment="specify measure of correlation" --> Word Count (66)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="13413" Comment="Tried to make this more readable by adding LaTeX and editing for grammar." --> Word Count (70)
 UserId="10884" Comment="deleted 1 character in body" --> Word Count (70)
 UserId="13413" --> Word Count (119)
 UserId="13348" --> Word Count (48)
 UserId="13348" --> Word Count (93)
 UserId="13348" --> Word Count (3)
 UserId="13348" --> Word Count (1)
 UserId="13574" --> Word Count (160)
 UserId="10683" Comment="Added R syntax highlighting" --> Word Count (121)
 UserId="13413" Comment="Edited for grammar." --> Word Count (92)
 UserId="13348" Comment="Edited for grammar." --> Word Count (93)
 UserId="13413" Comment="Edited for grammar and clarity." --> Word Count (50)
 UserId="13413" Comment="Edited for grammar, clarity, and for missing words." --> Word Count (134)
 UserId="13413" Comment="Edited for grammar, clarity, and for missing words." --> Word Count (9)
 UserId="13413" Comment="Edited for grammar and clarity. Added a tag to indicate this is a "beginning in text-mining" question." --> Word Count (92)
 UserId="13413" Comment="Edited for grammar and clarity. Added a tag to indicate this is a "beginning in text-mining" question." --> Word Count (1)
 UserId="13413" Comment="added 132 characters in body" --> Word Count (19)
 UserId="12363" --> Word Count (302)
 UserId="12798" --> Word Count (102)
 UserId="12798" --> Word Count (183)
 UserId="13648" --> Word Count (186)
 UserId="13648" --> Word Count (9)
 UserId="13648" --> Word Count (1)
 UserId="13413" Comment="Edited for grammar and clarity. Added a tag. Added a link." --> Word Count (174)
 UserId="13413" Comment="Edited for grammar and clarity. Added a tag. Added a link." --> Word Count (1)
 UserId="5177" --> Word Count (201)
 UserId="5177" Comment="added 164 characters in body" --> Word Count (224)
 UserId="13413" Comment="Edited for LaTeX and grammar." --> Word Count (177)
 UserId="12527" --> Word Count (129)
 UserId="12527" --> Word Count (13)

UserId="12527" --> Word Count (1)
 UserId="12527" --> Word Count (163)
 UserId="12527" --> Word Count (11)
 UserId="12527" --> Word Count (1)
 UserId="2452" --> Word Count (123)
 UserId="8013" --> Word Count (67)
 UserId="8013" --> Word Count (7)
 UserId="8013" --> Word Count (1)
 UserId="13413" Comment="Edited for grammar and clarity. " --> Word Count (153)
 UserId="609" Comment="Edited for grammar and clarity. " --> Word Count (161)
 UserId="3040" --> Word Count (77)
 UserId="3040" Comment="via Vote" --> Word Count (2)
 UserId="3040" --> Word Count (2)
 UserId="12527" Comment="made the question more precise" --> Word Count (216)
 UserId="12527" Comment="made the question more precise" --> Word Count (11)
 UserId="10620" --> Word Count (52)
 UserId="10620" --> Word Count (185)
 UserId="10620" --> Word Count (5)
 UserId="10620" --> Word Count (1)
 UserId="5177" Comment="added 415 characters in body" --> Word Count (301)
 UserId="3044" --> Word Count (64)
 UserId="3044" --> Word Count (6)
 UserId="3044" --> Word Count (1)
 UserId="13623" --> Word Count (78)
 UserId="13623" --> Word Count (10)
 UserId="13623" --> Word Count (1)
 UserId="13671" --> Word Count (105)
 UserId="13671" --> Word Count (9)
 UserId="13671" --> Word Count (1)
 UserId="13671" --> Word Count (27)
 UserId="13496" --> Word Count (38)
 UserId="13413" Comment="Edited for grammar and style." --> Word Count (105)
 UserId="13680" --> Word Count (124)
 UserId="13680" --> Word Count (7)
 UserId="13680" --> Word Count (1)
 UserId="13176" --> Word Count (147)
 UserId="13413" Comment="Edited for grammar and style." --> Word Count (174)
 UserId="13413" Comment="Edited for grammar and style." --> Word Count (6)
 UserId="11097" --> Word Count (34)
 UserId="11097" --> Word Count (13)
 UserId="11097" --> Word Count (1)
 <DELETE> --> Word Count (35)
 UserId="13686" --> Word Count (108)
 UserId="13687" --> Word Count (128)
 UserId="13484" --> Word Count (192)
 UserId="471" Comment="explained changepoint analysis" --> Word Count (106)
 UserId="13413" Comment="Edited for grammar." --> Word Count (46)
 UserId="12521" --> Word Count (85)

UserId="8013" Comment="edited tags" --> Word Count (1)
 UserId="10232" --> Word Count (143)
 UserId="10232" --> Word Count (8)
 UserId="10232" --> Word Count (1)
 UserId="12473" --> Word Count (146)
 <DELETE> --> Word Count (66)
 UserId="10683" --> Word Count (227)
 UserId="10683" --> Word Count (8)
 UserId="10683" --> Word Count (1)
 UserId="13285" --> Word Count (336)
 UserId="13285" --> Word Count (6)
 UserId="13285" --> Word Count (1)
 UserId="13285" Comment="added 202 characters in body" --> Word Count (372)
 UserId="13413" Comment="Edited for grammar and clarity; linked to data set."
 --> Word Count (392)
 UserId="13285" Comment="added 136 characters in body" --> Word Count (416)
 UserId="13285" Comment="added 8 characters in body" --> Word Count (417)
 UserId="13720" --> Word Count (119)
 UserId="843" --> Word Count (57)
 UserId="843" --> Word Count (5)
 UserId="843" --> Word Count (1)
 UserId="13726" --> Word Count (6)
 UserId="13727" --> Word Count (197)
 UserId="97" Comment="more relevant tags" --> Word Count (1)
 UserId="12473" --> Word Count (53)
 UserId="13735" --> Word Count (155)
 UserId="13735" --> Word Count (9)
 UserId="13735" --> Word Count (1)
 UserId="12473" --> Word Count (71)
 UserId="471" --> Word Count (72)
 <DELETE> --> Word Count (22)
 UserId="12384" --> Word Count (146)
 UserId="12384" --> Word Count (3)
 UserId="12384" --> Word Count (1)
 UserId="12384" Comment="Added more context to the question" --> Word Count
 (190)
 UserId="5177" Comment="formatting" --> Word Count (74)
 UserId="5177" Comment="formatting" --> Word Count (9)
 UserId="5177" Comment="formatting" --> Word Count (1)
 UserId="108" --> Word Count (321)
 UserId="13754" --> Word Count (226)
 UserId="13754" --> Word Count (10)
 UserId="13754" --> Word Count (1)
 UserId="8820" --> Word Count (87)
 UserId="8820" --> Word Count (9)
 UserId="8820" --> Word Count (1)
 UserId="5303" --> Word Count (140)
 UserId="3024" --> Word Count (72)

UserId="3024" --> Word Count (9)
 UserId="3024" --> Word Count (1)
 UserId="3024" --> Word Count (116)
 UserId="3024" --> Word Count (5)
 UserId="3024" --> Word Count (1)
 UserId="12384" Comment="added 90 characters in body" --> Word Count (204)
 UserId="13767" --> Word Count (316)
 UserId="13767" --> Word Count (2)
 UserId="13767" --> Word Count (1)
 UserId="13413" Comment="Edited for grammar, style, and tags." --> Word Count (339)
 UserId="13413" Comment="Edited for grammar, style, and tags." --> Word Count (3)
 UserId="13413" Comment="Edited for grammar, style, and tags." --> Word Count (1)
 UserId="10620" --> Word Count (192)
 UserId="12473" --> Word Count (126)
 UserId="12876" --> Word Count (129)
 UserId="13770" --> Word Count (272)
 UserId="13770" --> Word Count (2)
 UserId="13770" --> Word Count (1)
 UserId="13772" --> Word Count (55)
 UserId="13772" --> Word Count (6)
 UserId="13772" --> Word Count (1)
 UserId="13709" --> Word Count (92)
 UserId="13709" --> Word Count (10)
 UserId="13709" --> Word Count (1)
 UserId="13709" Comment="added 80 characters in body" --> Word Count (106)
 UserId="843" Comment="misread doc" --> Word Count (45)
 UserId="13775" --> Word Count (665)
 UserId="13775" --> Word Count (6)
 UserId="13775" --> Word Count (1)
 UserId="13775" Comment="added 122 characters in body" --> Word Count (688)
 UserId="13285" --> Word Count (197)
 UserId="13767" Comment="added 2823 characters in body" --> Word Count (1243)
 UserId="13767" Comment="added 2823 characters in body" --> Word Count (1232)
 UserId="13767" Comment="added plot" --> Word Count (1246)
 UserId="13413" Comment="Edited for grammar and clarity." --> Word Count (67)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="13630" --> Word Count (89)
 UserId="13630" --> Word Count (2)
 UserId="13630" --> Word Count (1)
 UserId="13775" Comment="Updated the bgd function " --> Word Count (794)
 UserId="13787" --> Word Count (56)
 UserId="10663" --> Word Count (72)
 UserId="12580" --> Word Count (787)
 UserId="7848" --> Word Count (253)

UserId="7848" --> Word Count (9)
 UserId="7848" --> Word Count (1)
 UserId="12611" --> Word Count (26)
 UserId="12611" --> Word Count (8)
 UserId="12611" --> Word Count (1)
 UserId="9131" --> Word Count (401)
 UserId="13132" --> Word Count (73)
 UserId="13132" --> Word Count (15)
 UserId="13132" --> Word Count (1)
 UserId="5303" --> Word Count (120)
 UserId="13630" Comment="edited body" --> Word Count (89)
 UserId="13518" --> Word Count (123)
 UserId="13518" --> Word Count (5)
 UserId="13518" --> Word Count (1)
 UserId="13413" Comment="Edited for LaTeX. Added a tag. As submitted, the question ended without asking anything. I clarified the issue at hand." --> Word Count (271)
 UserId="13413" Comment="Edited for LaTeX. Added a tag. As submitted, the question ended without asking anything. I clarified the issue at hand." --> Word Count (5)
 UserId="13413" Comment="Edited for LaTeX. Added a tag. As submitted, the question ended without asking anything. I clarified the issue at hand." --> Word Count (1)
 UserId="843" Comment="add autoencoder tag" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="10663" Comment="added requested detail on how score is calculated." --> Word Count (912)
 UserId="843" Comment="deleted 20 characters in body" --> Word Count (35)
 UserId="843" Comment="added 81 characters in body" --> Word Count (14)
 UserId="13413" Comment="Edited for grammar and clarity. Added tags." --> Word Count (36)
 UserId="13413" Comment="Edited for grammar and clarity. Added tags." --> Word Count (1)
 UserId="843" Comment="nothing to do with sklearn" --> Word Count (1)
 UserId="21" Comment="105" --> Word Count (2)
 UserId="3024" --> Word Count (44)
 UserId="924" Text="## There is no one-size-fits-all

Also, data dimensionality is not the same everywhere." --> Word Count (107)
 UserId="11097" --> Word Count (142)
 UserId="12626" --> Word Count (293)
 UserId="12533" --> Word Count (114)
 UserId="12533" --> Word Count (8)
 UserId="12533" --> Word Count (1)
 UserId="13818" --> Word Count (85)
 UserId="13476" --> Word Count (32)
 UserId="13818" --> Word Count (103)
 UserId="13818" Text="X and Y, Size, --> Word Count (44)

UserId="5091" --> Word Count (37)
 UserId="5091" --> Word Count (5)
 UserId="5091" --> Word Count (1)
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 UserId="13778" --> Word Count (1)
 UserId="13778" Comment="better explained my data needs" --> Word Count (436)
 UserId="12473" --> Word Count (46)
 <DELETE> --> Word Count (243)
 UserId="12473" Comment="included links" --> Word Count (55)
 UserId="2723" --> Word Count (159)
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 UserId="21" Comment="deleted 2 characters in body" --> Word Count (31)
 UserId="13853" --> Word Count (84)
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 UserId="9893" --> Word Count (108)
 UserId="9893" --> Word Count (4)
 UserId="9893" --> Word Count (1)
 UserId="11097" Comment="Added a hyperlink and tag" --> Word Count (275)
 UserId="11097" Comment="Added a hyperlink and tag" --> Word Count (1)
 UserId="2853" Comment="updated data science Venn diagram" --> Word Count (711)
 UserId="5224" --> Word Count (907)
 UserId="5224" --> Word Count (7)
 UserId="5224" --> Word Count (1)
 UserId="2723" Comment="added 156 characters in body" --> Word Count (180)
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 UserId="11072" --> Word Count (1)
 <DELETE> --> Word Count (210)
 UserId="11122" --> Word Count (181)
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 UserId="11122" --> Word Count (1)
 UserId="13413" Comment="Edited for clarity and LaTeX." --> Word Count (77)
 UserId="13285" --> Word Count (187)
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 UserId="13875" --> Word Count (14)
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 UserId="13884" --> Word Count (1)
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 UserId="13676" --> Word Count (20)
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 UserId="13887" --> Word Count (6)
 UserId="13887" --> Word Count (1)
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 UserId="13889" Comment="added 11 characters in body" --> Word Count (360)
 UserId="13891" --> Word Count (118)
 UserId="13891" --> Word Count (8)
 UserId="13891" --> Word Count (1)
 UserId="12473" --> Word Count (180)
 UserId="12473" --> Word Count (55)
 UserId="13875" Comment="added 61 characters in body" --> Word Count (274)
 UserId="13875" Comment="added 2 characters in body" --> Word Count (274)
 UserId="12473" --> Word Count (68)
 UserId="13896" --> Word Count (54)
 UserId="13891" --> Word Count (187)
 UserId="13891" --> Word Count (14)
 UserId="13891" --> Word Count (1)
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 UserId="13905" --> Word Count (23)
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 UserId="10620" Comment="images replaced (smaler scale)" --> Word Count (220)
 UserId="13727" --> Word Count (28)
 UserId="13915" --> Word Count (25)
 UserId="13915" --> Word Count (10)
 UserId="13915" --> Word Count (1)
 UserId="11097" --> Word Count (83)
 UserId="13919" --> Word Count (283)
 UserId="13919" --> Word Count (8)
 UserId="13919" --> Word Count (1)
 UserId="13917" --> Word Count (192)
 UserId="13917" --> Word Count (7)
 UserId="13917" --> Word Count (1)
 UserId="13917" Comment="added 6 characters in body" --> Word Count (192)
 UserId="12527" Comment="added three tags and links for "intelligence"
 related terms" --> Word Count (120)
 UserId="12527" Comment="added three tags and links for "intelligence"
 related terms" --> Word Count (1)
 UserId="9123" --> Word Count (234)

UserId="13518" --> Word Count (51)
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 UserId="13518" --> Word Count (1)
 UserId="11097" --> Word Count (91)
 UserId="13727" --> Word Count (268)
 UserId="13727" --> Word Count (137)
 UserId="13727" Comment="Added similarity tag" --> Word Count (1)
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 UserId="13562" --> Word Count (10)
 UserId="13562" --> Word Count (1)
 <DELETE> --> Word Count (115)
 UserId="9123" Comment="deleted 4 characters in body" --> Word Count (234)
 UserId="97" --> Word Count (37)
 UserId="97" Comment="more useful tags" --> Word Count (1)
 UserId="12473" --> Word Count (112)
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 UserId="13943" --> Word Count (11)
 UserId="13943" --> Word Count (1)
 UserId="9768" --> Word Count (60)
 UserId="9768" --> Word Count (16)
 UserId="9768" --> Word Count (1)
 UserId="2580" Comment="fixed link" --> Word Count (357)
 UserId="10814" --> Word Count (580)
 UserId="10814" Comment="deleted 13 characters in body" --> Word Count (578)
 UserId="10814" Comment="There was a slight bit of image padding on the charts that I removed and updated the image and code." --> Word Count (586)
 UserId="13955" --> Word Count (83)
 UserId="12473" --> Word Count (64)
 UserId="12473" Comment="gave example format, added link, fixed typos." --> Word Count (309)
 UserId="13778" Comment="edited tags" --> Word Count (1)
 UserId="13778" Comment="Updated program description" --> Word Count (584)
 UserId="13875" --> Word Count (120)
 UserId="13023" --> Word Count (118)
 UserId="13023" --> Word Count (7)
 UserId="13023" --> Word Count (1)
 UserId="12473" Comment="cleaned up example" --> Word Count (410)
 UserId="13959" --> Word Count (189)
 UserId="13959" --> Word Count (6)
 UserId="13959" --> Word Count (1)
 UserId="836" Comment="deleted 3 characters in body" --> Word Count (209)
 UserId="10814" Comment="Added interactive information grid as OP asked about clustering." --> Word Count (1192)
 UserId="12473" --> Word Count (49)
 UserId="10814" Comment="deleted 5 characters in body" --> Word Count (1191)
 UserId="13727" Comment="Added feature extraction tag" --> Word Count (1)
 UserId="13978" --> Word Count (116)
 UserId="13978" --> Word Count (5)

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 UserId="13978" Comment="added 144 characters in body" --> Word Count (133)
 UserId="13978" Comment="added 101 characters in body" --> Word Count (151)
 UserId="13915" --> Word Count (48)
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 UserId="13915" --> Word Count (1)
 UserId="13296" --> Word Count (36)
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 UserId="12909" --> Word Count (48)
 UserId="10814" --> Word Count (14)
 UserId="10814" Comment="Added code" --> Word Count (150)
 UserId="10814" Comment="Added hierarchy scaling." --> Word Count (293)
 UserId="1077" Comment="update answer" --> Word Count (187)
 UserId="13296" Comment="Copyedit title and body" --> Word Count (48)
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 UserId="8842" --> Word Count (1)
 UserId="8842" Comment="added 20 characters in body" --> Word Count (299)
 UserId="14009" Comment="edited body" --> Word Count (85)
 UserId="843" --> Word Count (30)
 UserId="843" Comment="added 125 characters in body" --> Word Count (36)
 UserId="843" Comment="added 125 characters in body" --> Word Count (37)
 UserId="12603" Comment="added 422 characters in body" --> Word Count (384)
 UserId="12490" --> Word Count (84)
 UserId="3024" --> Word Count (126)
 UserId="3024" --> Word Count (10)
 UserId="3024" --> Word Count (1)
 UserId="108" --> Word Count (486)
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 UserId="14023" --> Word Count (424)
 UserId="14023" --> Word Count (9)
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 UserId="14023" Comment="added 3 characters in body" --> Word Count (425)
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 UserId="14029" --> Word Count (1)
 UserId="14030" --> Word Count (65)
 UserId="12473" --> Word Count (87)

UserId="14031" --> Word Count (199)
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 UserId="10683" --> Word Count (5)
 UserId="10683" --> Word Count (1)
 UserId="14006" --> Word Count (116)
 UserId="10620" --> Word Count (80)
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 UserId="10683" Comment="added clarification" --> Word Count (271)
 UserId="7999" --> Word Count (161)
 UserId="7999" --> Word Count (11)
 UserId="7999" --> Word Count (1)
 UserId="843" --> Word Count (68)
 UserId="13625" --> Word Count (704)
 UserId="13625" --> Word Count (6)
 UserId="13625" --> Word Count (1)
 UserId="13625" Comment="added 88 characters in body" --> Word Count (710)
 UserId="14006" --> Word Count (139)
 UserId="13727" --> Word Count (231)
 UserId="11097" Comment="Improved the code blocks" --> Word Count (471)
 UserId="413" --> Word Count (69)
 UserId="14044" --> Word Count (47)
 UserId="14044" --> Word Count (4)
 UserId="14044" --> Word Count (1)
 UserId="14030" Comment="added 446 characters in body" --> Word Count (94)
 UserId="5303" --> Word Count (40)
 UserId="8878" --> Word Count (191)
 UserId="12473" --> Word Count (438)
 UserId="12473" --> Word Count (13)
 UserId="12473" --> Word Count (1)
 UserId="13727" Comment="Added deep learning tag" --> Word Count (1)
 UserId="14031" Comment="grammar" --> Word Count (201)
 UserId="14048" --> Word Count (20)
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 UserId="14048" --> Word Count (1)
 UserId="13518" --> Word Count (118)
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 UserId="10663" --> Word Count (551)
 UserId="14053" --> Word Count (127)
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 UserId="14050" --> Word Count (150)
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 UserId="13481" --> Word Count (7)
 UserId="13481" --> Word Count (1)
 UserId="12473" --> Word Count (43)
 UserId="12473" --> Word Count (41)
 UserId="12473" Comment="Reworded, added link" --> Word Count (58)
 UserId="11097" --> Word Count (57)
 UserId="11097" Comment="Fixed title" --> Word Count (4)
 UserId="836" --> Word Count (416)
 UserId="836" Comment="added 378 characters in body" --> Word Count (503)
 UserId="12473" Comment="included a more explicit reference to exponential regression - attributed this edit to Dawny33 " --> Word Count (50)
 UserId="836" Comment="added 1 character in body" --> Word Count (503)
 UserId="836" Comment="added 52 characters in body" --> Word Count (495)
 UserId="11097" Comment="added 725 characters in body" --> Word Count (153)
 UserId="836" Comment="added 52 characters in body" --> Word Count (531)
 UserId="12378" --> Word Count (42)
 UserId="12378" --> Word Count (9)
 UserId="12378" --> Word Count (1)
 UserId="12473" Comment="moved link" --> Word Count (61)
 UserId="10169" --> Word Count (38)
 UserId="14053" Comment="added 722 characters in body; edited title" --> Word Count (222)
 UserId="14053" Comment="added 722 characters in body; edited title" --> Word Count (17)
 UserId="14029" --> Word Count (82)
 UserId="14029" --> Word Count (8)
 UserId="14029" --> Word Count (1)
 UserId="12473" --> Word Count (43)
 UserId="10169" Comment="Found an open Hindi wordnet in the extended version" --> Word Count (46)
 UserId="12363" --> Word Count (98)
 UserId="836" Comment="added 493 characters in body" --> Word Count (605)
 UserId="836" Comment="refer https://en.wikipedia.org/wiki/Chain_rule" --> Word Count (664)
 UserId="836" Comment="added 488 characters in body" --> Word Count (750)
 UserId="12473" Comment="added links, explained recommendation." --> Word Count (111)
 UserId="5091" --> Word Count (95)
 UserId="5091" --> Word Count (7)
 UserId="5091" --> Word Count (1)
 UserId="12473" --> Word Count (30)
 UserId="12363" Comment="added 104 characters in body" --> Word Count (119)
 UserId="14078" --> Word Count (62)
 UserId="11097" Comment="Fixed minor errors" --> Word Count (40)
 UserId="836" Comment="added 18 characters in body" --> Word Count (753)
 UserId="3151" Text="I created a DocumentTermMatrix for text mining using RTextTools. The rows for this DocumentTermMatrix correspond to dataframe rows

and matrix columns correspond to words. My question is : How can I get the words (labels vector) for examining the DocumentTermMatrix ? In other words, How can I get the vector of these 904 words?

 require(R --> Word Count (41)

UserId="3151" Text="Examining a DocumentTermMatrix in R --> Word Count (1)

UserId="3151" --> Word Count (1)

UserId="12363" Comment="added 58 characters in body" --> Word Count (147)

UserId="10517" --> Word Count (84)

UserId="13123" Comment="improved orthography and code formatting" --> Word Count (230)

UserId="13123" Comment="improved orthography and code formatting" --> Word Count (1)

UserId="21" Comment="improved orthography and code formatting" --> Word Count (230)

UserId="12473" --> Word Count (98)

UserId="12473" Comment="moved link" --> Word Count (101)

UserId="14091" --> Word Count (81)

UserId="14091" --> Word Count (5)

UserId="14091" --> Word Count (1)

UserId="12473" --> Word Count (145)

UserId="1077" --> Word Count (80)

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UserId="6403" --> Word Count (1)

UserId="10522" --> Word Count (53)

UserId="10522" --> Word Count (17)

UserId="10522" --> Word Count (1)

UserId="8752" Comment="added 164 characters in body; added 109 characters in body" --> Word Count (238)

UserId="12473" --> Word Count (45)

UserId="3211" --> Word Count (107)

UserId="3211" --> Word Count (11)

UserId="3211" --> Word Count (1)

UserId="11110" --> Word Count (235)

UserId="11110" --> Word Count (11)

UserId="11110" --> Word Count (1)

UserId="12473" --> Word Count (79)

UserId="10620" Comment="added update" --> Word Count (357)

UserId="12867" --> Word Count (53)

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UserId="12867" --> Word Count (1)

UserId="14112" --> Word Count (70)

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UserId="14112" --> Word Count (1)

UserId="12473" --> Word Count (76)

UserId="11097" --> Word Count (508)

UserId="11097" Comment="Added a relevant tag" --> Word Count (1)

UserId="12206" --> Word Count (168)

UserId="12206" --> Word Count (4)
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 UserId="11097" Comment="Added a relevant tag" --> Word Count (1)
 UserId="12469" --> Word Count (200)
 UserId="12580" --> Word Count (238)
 UserId="14137" --> Word Count (95)
 UserId="14137" --> Word Count (5)
 UserId="14137" --> Word Count (1)
 UserId="8820" --> Word Count (72)
 UserId="8820" --> Word Count (9)
 UserId="8820" --> Word Count (1)
 UserId="8820" Comment="added 24 characters in body" --> Word Count (77)
 UserId="836" --> Word Count (160)
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 UserId="13562" --> Word Count (7)
 UserId="13562" --> Word Count (1)
 UserId="10169" --> Word Count (25)
 UserId="10169" Comment="added 19 characters in body" --> Word Count (29)
 UserId="10169" --> Word Count (43)
 UserId="10938" --> Word Count (82)
 UserId="10938" --> Word Count (7)
 UserId="10938" --> Word Count (1)
 UserId="1097" --> Word Count (223)
 UserId="1097" --> Word Count (11)
 UserId="1097" --> Word Count (1)
 UserId="13680" --> Word Count (179)
 UserId="13680" --> Word Count (16)
 UserId="13680" --> Word Count (1)
 UserId="12473" --> Word Count (140)
 UserId="11097" --> Word Count (77)
 UserId="12473" --> Word Count (133)
 UserId="12473" --> Word Count (114)
 UserId="11097" --> Word Count (152)
 UserId="14154" --> Word Count (98)
 UserId="14154" --> Word Count (11)
 UserId="14154" --> Word Count (1)
 UserId="13727" --> Word Count (49)
 UserId="9540" --> Word Count (139)
 UserId="9540" --> Word Count (16)
 UserId="9540" --> Word Count (1)
 UserId="13285" --> Word Count (143)
 UserId="11097" Comment="Edits in the body and tags" --> Word Count (139)
 UserId="11097" Comment="Edits in the body and tags" --> Word Count (1)
 UserId="13285" Comment="added 1 character in body" --> Word Count (166)
 UserId="13727" Comment="add information retrieval and nlp tags" --> Word Count (1)
 UserId="12473" Comment="update post based on info provided in comments" --> Word Count (118)

UserId="14167" --> Word Count (122)
 UserId="14167" --> Word Count (11)
 UserId="14167" --> Word Count (1)
 UserId="13727" Comment="fixed a typo, removed needless "enter image description here" to make the the change longer than the needed 6 characters" --> Word Count (159)
 UserId="13285" Comment="added 154 characters in body" --> Word Count (195)
 UserId="11097" --> Word Count (358)
 UserId="13285" Comment="added 372 characters in body" --> Word Count (308)
 UserId="14154" --> Word Count (127)
 UserId="14154" --> Word Count (7)
 UserId="14154" --> Word Count (1)
 <DELETE> --> Word Count (410)
 UserId="14175" --> Word Count (148)
 UserId="11097" Comment="Removed an extra tag, and included a relevant tag" --> Word Count (1)
 UserId="5091" --> Word Count (55)
 UserId="5091" --> Word Count (5)
 UserId="5091" --> Word Count (1)
 UserId="11097" Comment="deleted 1 character in body" --> Word Count (152)
 UserId="11097" Comment="Removed an extra tag" --> Word Count (1)
 UserId="122" --> Word Count (1325)
 UserId="122" --> Word Count (12)
 UserId="122" --> Word Count (1)
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 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="924" --> Word Count (88)
 UserId="11097" Comment="added 84 characters in body" --> Word Count (11)
 UserId="11097" Comment="Added a relevant tag" --> Word Count (1)
 UserId="11097" Comment="Added a tag as per the discussion in the comments" --> Word Count (1)
 UserId="11097" Comment="added 621 characters in body" --> Word Count (86)
 UserId="11097" Comment="added 380 characters in body" --> Word Count (57)
 UserId="11097" Comment="added 343 characters in body" --> Word Count (50)
 UserId="11097" Comment="added 99 characters in body" --> Word Count (12)
 UserId="11097" Comment="added 132 characters in body" --> Word Count (19)
 UserId="11097" Comment="added 1923 characters in body" --> Word Count (235)
 UserId="14167" --> Word Count (27)
 UserId="10938" --> Word Count (106)
 <DELETE> --> Word Count (249)
 UserId="14167" Comment="more details on approaching" --> Word Count (69)
 UserId="11097" Comment="Added hyperlink" --> Word Count (71)
 UserId="14200" --> Word Count (307)
 UserId="14200" --> Word Count (14)

UserId="14200" --> Word Count (1)
 UserId="14200" Comment="added 3 characters in body" --> Word Count (307)
 UserId="12473" --> Word Count (167)
 UserId="9420" --> Word Count (421)
 UserId="9420" --> Word Count (225)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="13917" Comment="added 238 characters in body" --> Word Count (221)
 UserId="843" --> Word Count (43)
 UserId="9420" Comment="Added much more explanation and an example" --> Word Count (711)
 UserId="9420" Comment="added a code example to accompany the theory." --> Word Count (649)
 UserId="11097" --> Word Count (43)
 UserId="11097" --> Word Count (6)
 UserId="11097" --> Word Count (1)
 UserId="13727" --> Word Count (35)
 UserId="924" Comment="added 524 characters in body" --> Word Count (177)
 UserId="924" Comment="added 396 characters in body" --> Word Count (245)
 UserId="11097" Comment="added 404 characters in body" --> Word Count (71)
 UserId="11097" Comment="added 98 characters in body" --> Word Count (16)
 UserId="11097" Comment="added 730 characters in body" --> Word Count (103)
 UserId="11097" Comment="added 911 characters in body" --> Word Count (126)
 UserId="11097" Comment="added 116 characters in body" --> Word Count (14)
 UserId="9634" --> Word Count (12)
 UserId="3327" --> Word Count (138)
 UserId="3327" --> Word Count (14)
 UserId="3327" --> Word Count (1)
 UserId="9634" Comment="added 366 characters in body" --> Word Count (53)
 UserId="11097" --> Word Count (61)
 UserId="11097" Comment="Added a relevant tag" --> Word Count (1)
 <DELETE> --> Word Count (70)
 UserId="11097" --> Word Count (92)
 UserId="13132" --> Word Count (167)
 UserId="13132" --> Word Count (8)
 UserId="13132" --> Word Count (1)
 UserId="10384" --> Word Count (202)
 UserId="11097" Comment="Added a relevant tag" --> Word Count (1)
 UserId="9634" Comment="deleted 20 characters in body" --> Word Count (51)
 UserId="3151" --> Word Count (54)
 UserId="3151" --> Word Count (10)
 UserId="3151" --> Word Count (1)

UserId="9314" --> Word Count (34)
 UserId="12603" --> Word Count (72)
 UserId="11097" Comment="Added code blocks" --> Word Count (100)
 UserId="13596" --> Word Count (151)
 UserId="13596" --> Word Count (9)
 UserId="13596" --> Word Count (1)
 UserId="11097" --> Word Count (70)
 UserId="12603" Comment="Added answer to OP's additional question in comments"
 --> Word Count (190)
 UserId="11097" Comment="Added hyperlink" --> Word Count (53)
 UserId="11097" Comment="Added a relevant tag" --> Word Count (1)
 UserId="11097" Comment="Added a relevant tag" --> Word Count (1)
 UserId="11097" Comment="Added hyperlink" --> Word Count (51)
 UserId="14218" --> Word Count (343)
 UserId="13498" --> Word Count (112)
 UserId="2576" --> Word Count (56)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
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 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="11097" --> Word Count (34)
 UserId="11097" --> Word Count (3)
 UserId="11097" --> Word Count (1)
 UserId="14159" Comment="annual statistics conference changed to data science
 conference" --> Word Count (35)
 UserId="11097" Comment="added 89 characters in body" --> Word Count (14)
 UserId="11097" Comment="added 131 characters in body" --> Word Count (17)
 UserId="11097" Comment="added 179 characters in body" --> Word Count (27)
 UserId="11097" Comment="added 266 characters in body" --> Word Count (44)
 UserId="11097" Comment="added 186 characters in body" --> Word Count (31)
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 UserId="11097" Comment="added 947 characters in body" --> Word Count (115)
 UserId="11097" Comment="added 1983 characters in body" --> Word Count (246)
 UserId="11097" Comment="added 260 characters in body" --> Word Count (41)
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 UserId="11097" Comment="deleted 28 characters in body" --> Word Count (30)
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 UserId="14231" --> Word Count (15)
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 - Using the [KNN algorithm][1] ([Another link][2])
 - [Feature Projections][3]

In fact, most(or almost all) the [clustering algorithms][4] can be applied for classifying text through clustering.


 [1]: <http://www.codeproject.com/Articles/439890/> --> Word Count (10)
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 - Using the [K-means algorithm][1] ([Another link][2])
 - [Feature Projections][3]

In fact, most(or almost all) the [clustering algorithms][4] can be applied for classifying text through clustering.


 [1]: <http://www.codeproject.com/Articles/439890/> --> Word Count (10)

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 Count (70)
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 Count (1)
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 UserId="14427" --> Word Count (1)
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 UserId="843" --> Word Count (3)
 UserId="843" --> Word Count (1)
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 UserId="-1" --> Word Count (1)
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 UserId="843" Comment="added 79 characters in body" --> Word Count (12)
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 --> Word Count (32)
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 --> Word Count (9)

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 UserId="12473" Comment="edited body; edited title" --> Word Count (5)
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 UserId="7786" --> Word Count (109)
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 UserId="122" --> Word Count (10)

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 UserId="11097" --> Word Count (60)
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 UserId="11097" Comment="deleted 6 characters in body" --> Word Count (183)
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 UserId="8820" --> Word Count (7)
 UserId="8820" --> Word Count (1)
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 UserId="9123" --> Word Count (214)
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 UserId="11097" --> Word Count (131)
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 UserId="13413" Comment="Edited for grammar and style." --> Word Count (182)

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 UserId="13413" Comment="Edited for grammar, style, and LaTeX." --> Word Count (291)
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 UserId="3314" --> Word Count (9)
 UserId="3314" --> Word Count (1)
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 UserId="14698" Comment="added 579 characters in body" --> Word Count (369)
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Edit: I am using a solution proposed by Yanchang Zhao for the latest version of tm package but found this very slow. I am looking for an alternative way.

 myCorpusCopy <- myCorpus

 stemCompletion2 <- function(x, dictionary)

```

{&#xD;&#xA;    x &lt;- unlist(strsplit(as.character(x), &quot;
&quot;))&#xD;&#xA;    x &lt;- x[x != &quot;&quot;]&#xD;&#xA;    x &lt;-
stemCompletion(x, dictionary=dictionary)&#xD;&#xA;    x &lt;- paste(x,
sep=&quot;&quot;;, collapse=&quot;&quot;)&#xD;&#xA;    Plain --> Word Count
(28)
UserId="14674" --> Word Count (853)
UserId="14674" --> Word Count (5)
UserId="14674" --> Word Count (1)
UserId="3151" Comment="deleted 460 characters in body; edited tags; edited
title" Text="I am stemming my text data in R. I am using a solution proposed by
Yanchang Zhao for the latest version of tm package but found this very slow. I
am looking for an alternative way.&#xD;&#xA;&#xD;&#xA;    myCorpusCopy &lt;-
myCorpus&#xD;&#xA;&#xD;&#xA;    stemCompletion2 &lt;- function(x, dictionary)
{&#xD;&#xA;    x &lt;- unlist(strsplit(as.character(x), &quot;
&quot;))&#xD;&#xA;    x &lt;- x[x != &quot;&quot;]&#xD;&#xA;    x &lt;-
stemCompletion(x, dictionary=dictionary)&#xD;&#xA;    x &lt;- paste(x,
sep=&quot;&quot;;, collapse=&quot;&quot;)&#xD;&#xA;    Plain --> Word Count
(22)
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title" --> Word Count (4)
UserId="3151" Comment="deleted 460 characters in body; edited tags; edited
title" --> Word Count (1)
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UserId="8878" --> Word Count (210)
UserId="14714" --> Word Count (84)
UserId="14714" --> Word Count (7)
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UserId="8752" --> Word Count (181)
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UserId="11097" --> Word Count (139)
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UserId="21" Comment="103" --> Word Count (2)
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UserId="13023" --> Word Count (642)
<DELETE> --> Word Count (184)
<DELETE> --> Word Count (6)
<DELETE> --> Word Count (1)

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 UserId="14734" --> Word Count (1)
 UserId="14735" --> Word Count (221)
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 UserId="13413" Comment="Edited for style, and drastic revisions for clarity."
 --> Word Count (46)
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 UserId="21" --> Word Count (2)
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 UserId="3024" --> Word Count (251)
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 UserId="12473" Comment="added links" --> Word Count (178)
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 UserId="10384" --> Word Count (775)
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 UserId="13413" Comment="Edited for grammar." --> Word Count (182)
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 UserId="13891" --> Word Count (1)
 UserId="13891" Comment="edited title" --> Word Count (9)
 UserId="13891" Comment="edited title" --> Word Count (203)
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 UserId="14800" Comment="Made my point more clear." --> Word Count (286)
 UserId="3151" Comment="added 113 characters in body" --> Word Count (29)
 UserId="14779" --> Word Count (204)
 UserId="11097" Comment="added 3 characters in body" --> Word Count (106)
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 UserId="3314" --> Word Count (9)
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 UserId="543" --> Word Count (1)
 UserId="14812" --> Word Count (45)
 UserId="1301" --> Word Count (83)
 UserId="1301" --> Word Count (9)
 UserId="1301" --> Word Count (1)
 UserId="13736" --> Word Count (81)
 UserId="13508" --> Word Count (178)
 UserId="13508" --> Word Count (9)
 UserId="13508" --> Word Count (1)
 UserId="14519" Comment="Clarified second part." --> Word Count (566)
 UserId="816" --> Word Count (125)
 UserId="836" Comment="added 212 characters in body" --> Word Count (377)
 UserId="13891" --> Word Count (73)
 UserId="13891" --> Word Count (18)

UserId="13891" --> Word Count (1)
 UserId="14519" Comment="added 41 characters in body" --> Word Count (572)
 UserId="13413" Comment="Edited for grammar and clarity." --> Word Count (122)
 UserId="13413" Comment="Edited for grammar and clarity." --> Word Count (7)
 UserId="13413" Comment="Edited for grammar." --> Word Count (253)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="10894" --> Word Count (157)
 UserId="10894" --> Word Count (4)
 UserId="10894" --> Word Count (1)
 UserId="3151" --> Word Count (149)
 UserId="13023" Comment="added 15 characters in body" --> Word Count (342)
 UserId="21" Comment="101" --> Word Count (2)
 UserId="14831" Comment="Broken URL" --> Word Count (415)
 UserId="21" Comment="Broken URL" --> Word Count (408)
 UserId="5053" --> Word Count (44)
 UserId="5053" --> Word Count (4)
 UserId="5053" --> Word Count (1)
 UserId="9420" --> Word Count (197)
 UserId="9420" --> Word Count (409)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="860" --> Word Count (374)
 <DELETE> --> Word Count (242)
 <DELETE> --> Word Count (4)
 <DELETE> --> Word Count (1)
 UserId="11097" Comment="added 16 characters in body" --> Word Count (251)
 UserId="14852" --> Word Count (126)
 UserId="14852" --> Word Count (6)
 UserId="14852" --> Word Count (1)
 UserId="860" Comment="punctuation and more detailed equations" --> Word Count (385)
 UserId="8960" --> Word Count (55)
 UserId="8960" --> Word Count (5)
 UserId="8960" --> Word Count (1)
 UserId="13413" --> Word Count (344)
 UserId="13413" Comment="Edited for grammar and style." --> Word Count (187)
 UserId="13413" Comment="Changed tag, cleaned up grammar and formatting." --> Word Count (74)
 UserId="13413" Comment="Changed tag, cleaned up grammar and formatting." --> Word Count (1)
 UserId="13413" Comment="Edited for grammar and clarity." --> Word Count (260)
 UserId="3151" --> Word Count (74)
 UserId="11097" --> Word Count (436)
 UserId="10915" --> Word Count (26)
 UserId="10915" --> Word Count (9)
 UserId="10915" --> Word Count (1)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="3151" Comment="added beginner tag." --> Word Count (1)
 UserId="3151" Comment="deleted 10 characters in body" --> Word Count (71)

UserId="3151" --> Word Count (33)
 UserId="3151" --> Word Count (2)
 UserId="3151" --> Word Count (1)
 UserId="9420" Comment="More completely laid out the solution." --> Word Count (248)
 UserId="13023" --> Word Count (229)
 UserId="10462" --> Word Count (87)
 UserId="10462" --> Word Count (10)
 UserId="10462" --> Word Count (1)
 UserId="14875" --> Word Count (224)
 UserId="14875" --> Word Count (7)
 UserId="14875" --> Word Count (1)
 UserId="2515" --> Word Count (200)
 UserId="9420" --> Word Count (170)
 UserId="4621" Comment="add horror stories link" --> Word Count (232)
 UserId="2515" --> Word Count (225)
 UserId="13023" Comment="for clarity I added a toy dataframe that works with the code in the question and added clarity to the title." --> Word Count (58)
 UserId="13023" Comment="for clarity I added a toy dataframe that works with the code in the question and added clarity to the title." --> Word Count (6)
 UserId="14763" --> Word Count (37)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="3151" Comment="added excel tag." --> Word Count (1)
 UserId="860" Comment="mentioning explicitly that we simplified the error measure in this analysis" --> Word Count (415)
 UserId="14882" --> Word Count (59)
 UserId="14882" --> Word Count (5)
 UserId="14882" --> Word Count (1)
 UserId="14885" --> Word Count (257)
 UserId="14885" --> Word Count (11)
 UserId="14885" --> Word Count (1)
 UserId="14427" --> Word Count (344)
 UserId="14427" --> Word Count (14)
 UserId="14427" --> Word Count (1)
 UserId="14427" Comment="added 114 characters in body; edited tags" --> Word Count (367)
 UserId="14427" Comment="added 114 characters in body; edited tags" --> Word Count (1)
 UserId="14715" --> Word Count (23)
 UserId="7848" --> Word Count (129)
 UserId="7848" --> Word Count (3)
 UserId="7848" --> Word Count (1)
 UserId="14898" --> Word Count (198)
 UserId="14898" --> Word Count (6)
 UserId="14898" --> Word Count (1)
 UserId="14898" Comment="added 33 characters in body" --> Word Count (205)
 UserId="14898" Comment="added 33 characters in body" --> Word Count (8)
 UserId="14900" --> Word Count (252)

UserId="14900" --> Word Count (7)
UserId="14900" --> Word Count (1)
UserId="982" --> Word Count (448)
UserId="982" --> Word Count (12)
UserId="982" --> Word Count (1)
UserId="3024" --> Word Count (77)
UserId="3024" --> Word Count (7)
UserId="3024" --> Word Count (1)
UserId="12363" --> Word Count (97)
UserId="11097" Comment="added 105 characters in body" --> Word Count (258)
UserId="14903" --> Word Count (460)
UserId="3024" --> Word Count (248)
UserId="11097" --> Word Count (151)
UserId="14906" --> Word Count (468)
UserId="14175" --> Word Count (243)
UserId="11116" --> Word Count (44)
UserId="11116" --> Word Count (7)
UserId="11116" --> Word Count (1)
UserId="11097" Comment="edited title" --> Word Count (7)
UserId="11097" --> Word Count (183)
UserId="14586" --> Word Count (186)
UserId="14586" --> Word Count (6)
UserId="14586" --> Word Count (1)
UserId="14586" Comment="added 24 characters in body" --> Word Count (210)
UserId="14604" Comment="I updated question with more results that I am getting to make it clear to the audience for my need." --> Word Count (538)
UserId="14909" --> Word Count (261)
UserId="14909" --> Word Count (8)
UserId="14909" --> Word Count (1)
UserId="14910" --> Word Count (37)
UserId="14910" --> Word Count (14)
UserId="14910" --> Word Count (1)
UserId="14909" Comment="added 83 characters in body" --> Word Count (272)
UserId="14909" --> Word Count (24)
UserId="14909" --> Word Count (10)
UserId="14909" --> Word Count (1)
UserId="14909" Comment="added 55 characters in body" --> Word Count (32)
UserId="14912" --> Word Count (30)
UserId="14913" --> Word Count (488)
UserId="14175" --> Word Count (295)
UserId="21" Comment="103" --> Word Count (2)
UserId="2961" --> Word Count (229)
UserId="14910" Comment="added 57 characters in body" --> Word Count (46)
UserId="12473" --> Word Count (152)
UserId="12473" --> Word Count (148)
UserId="12473" Comment="added 181 characters in body" --> Word Count (157)
UserId="13145" --> Word Count (43)
UserId="13145" --> Word Count (15)

UserId="13145" --> Word Count (1)
 UserId="13145" Comment="edited title" --> Word Count (15)
 UserId="13145" Comment="added 62 characters in body" --> Word Count (54)
 UserId="11097" Comment="added 4 characters in body; edited title" --> Word Count (100)
 UserId="11097" Comment="added 4 characters in body; edited title" --> Word Count (4)
 UserId="14885" Comment="added in a missing word, typo" --> Word Count (258)
 UserId="21" --> Word Count (2)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="9035" --> Word Count (144)
 UserId="9035" --> Word Count (8)
 UserId="9035" --> Word Count (1)
 UserId="11097" Comment="added 14 characters in body" --> Word Count (170)
 UserId="14925" --> Word Count (123)
 UserId="14925" --> Word Count (5)
 UserId="14925" --> Word Count (1)
 UserId="14926" --> Word Count (154)
 UserId="14926" --> Word Count (7)
 UserId="14926" --> Word Count (1)
 UserId="860" --> Word Count (298)
 UserId="860" Comment="Adding debugging technique for XGB + note on XGB API" --> Word Count (468)
 UserId="11097" Comment="edited body" --> Word Count (468)
 UserId="14895" --> Word Count (20)
 UserId="14895" --> Word Count (7)
 UserId="14895" --> Word Count (1)
 UserId="14913" --> Word Count (45)
 UserId="14934" --> Word Count (98)
 UserId="14894" --> Word Count (100)
 UserId="14894" --> Word Count (10)
 UserId="14894" --> Word Count (1)
 UserId="14940" --> Word Count (97)
 UserId="13023" --> Word Count (186)
 UserId="8820" --> Word Count (980)
 UserId="8820" --> Word Count (5)
 UserId="8820" --> Word Count (1)
 UserId="8820" Comment="edited title" --> Word Count (11)
 UserId="8820" Comment="edited tags" --> Word Count (1)
 UserId="14909" Comment="added 9 characters in body" --> Word Count (33)
 UserId="3151" Comment="added research tag." --> Word Count (1)
 UserId="13413" Comment="Edited for grammar, clarity, and LaTeX." --> Word Count (101)
 UserId="3151" Comment="added beginner and career tags and deleted previous tags." --> Word Count (1)
 UserId="13413" Comment="Edited for grammar and clarity." --> Word Count (152)
 UserId="13413" Comment="Edited for grammar and clarity." --> Word Count (11)
 UserId="14909" Comment="added 6 characters in body" --> Word Count (273)

UserId="14940" Comment="edited body" --> Word Count (97)
 UserId="14972" --> Word Count (136)
 UserId="14972" --> Word Count (14)
 UserId="14972" --> Word Count (1)
 UserId="14898" --> Word Count (147)
 UserId="14898" --> Word Count (9)
 UserId="14898" --> Word Count (1)
 UserId="3044" --> Word Count (68)
 UserId="3044" --> Word Count (12)
 UserId="3044" --> Word Count (1)
 UserId="14898" --> Word Count (267)
 UserId="14898" --> Word Count (10)
 UserId="14898" --> Word Count (1)
 UserId="14372" --> Word Count (85)
 UserId="860" Comment="added 4 characters in body" --> Word Count (467)
 UserId="12473" --> Word Count (120)
 UserId="201" --> Word Count (247)
 UserId="201" --> Word Count (7)
 UserId="201" --> Word Count (1)
 UserId="14987" --> Word Count (13)
 UserId="14989" --> Word Count (39)
 UserId="14989" --> Word Count (9)
 UserId="14989" --> Word Count (1)
 UserId="14981" --> Word Count (71)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="14989" Comment="Example" --> Word Count (123)
 UserId="13145" --> Word Count (159)
 UserId="13145" --> Word Count (10)
 UserId="13145" --> Word Count (1)
 UserId="8820" --> Word Count (44)
 UserId="8820" --> Word Count (7)
 UserId="8820" --> Word Count (1)
 UserId="4853" --> Word Count (57)
 UserId="8820" --> Word Count (27)
 UserId="8820" --> Word Count (8)
 UserId="8820" --> Word Count (1)
 UserId="4853" Comment="added 268 characters in body" --> Word Count (93)
 UserId="14994" --> Word Count (32)
 UserId="14994" --> Word Count (91)
 UserId="14994" --> Word Count (243)
 UserId="14994" --> Word Count (85)
 UserId="14994" --> Word Count (67)
 UserId="14999" --> Word Count (46)
 UserId="14999" --> Word Count (9)
 UserId="14999" --> Word Count (1)
 UserId="14994" Comment="added 48 characters in body; added 129 characters in body; added 14 characters in body" --> Word Count (98)
 UserId="14994" --> Word Count (50)

UserId="14994" --> Word Count (121)
 UserId="2544" Comment="Add a new wonderful tool: recipy" --> Word Count (760)
 UserId="924" --> Word Count (157)
 UserId="15002" --> Word Count (92)
 UserId="12378" --> Word Count (59)
 UserId="12378" --> Word Count (16)
 UserId="12378" --> Word Count (1)
 UserId="13413" --> Word Count (68)
 UserId="14999" Comment="additional consideration. Lack of uniqueness." --> Word Count (113)
 UserId="14994" Comment="Small typo in title" --> Word Count (10)
 UserId="15010" --> Word Count (265)
 UserId="15010" --> Word Count (12)
 UserId="15010" --> Word Count (1)
 UserId="8820" --> Word Count (168)
 UserId="8820" --> Word Count (12)
 UserId="8820" --> Word Count (1)
 UserId="14525" --> Word Count (212)
 UserId="14525" --> Word Count (9)
 UserId="14525" --> Word Count (1)
 UserId="10620" --> Word Count (165)
 UserId="14999" Comment="corrected spelling" --> Word Count (113)
 UserId="843" --> Word Count (16)
 UserId="12250" --> Word Count (66)
 UserId="12250" --> Word Count (11)
 UserId="12250" --> Word Count (1)
 UserId="11097" Comment="added 7 characters in body" --> Word Count (85)
 UserId="14906" --> Word Count (397)
 UserId="14994" Comment="small typo in the title" --> Word Count (13)
 UserId="15022" --> Word Count (31)
 UserId="14994" --> Word Count (82)
 UserId="15024" --> Word Count (54)
 UserId="15024" --> Word Count (12)
 UserId="15024" --> Word Count (1)
 UserId="21" --> Word Count (2)
 UserId="15022" Comment="Added useful link to a network data repository" --> Word Count (114)
 UserId="12473" --> Word Count (153)
 UserId="14989" Comment="More complex example added." --> Word Count (189)
 UserId="15032" --> Word Count (121)
 UserId="15032" --> Word Count (6)
 UserId="15032" --> Word Count (1)
 UserId="1093" --> Word Count (81)
 UserId="1093" --> Word Count (6)
 UserId="1093" --> Word Count (1)
 UserId="10517" --> Word Count (53)
 UserId="14357" --> Word Count (78)
 UserId="14357" --> Word Count (6)

UserId="14357" --> Word Count (1)
 UserId="14904" --> Word Count (89)
 UserId="8820" --> Word Count (34)
 UserId="8820" Comment="added 378 characters in body" --> Word Count (85)
 UserId="13953" --> Word Count (69)
 UserId="13953" --> Word Count (12)
 UserId="13953" --> Word Count (1)
 UserId="14946" --> Word Count (70)
 UserId="14946" --> Word Count (4)
 UserId="14946" --> Word Count (1)
 UserId="12575" --> Word Count (229)
 UserId="13413" Comment="Edited for grammar." --> Word Count (73)
 UserId="9420" Comment="Added a little more context so that this gets more attention." --> Word Count (185)
 UserId="9420" Comment="Added a little more context so that this gets more attention." --> Word Count (11)
 UserId="13413" Comment="Edited for grammar." --> Word Count (128)
 UserId="13413" Comment="Edited for grammar." --> Word Count (10)
 UserId="108" --> Word Count (237)
 UserId="14994" --> Word Count (83)
 UserId="14994" Comment="added 424 characters in body" --> Word Count (160)
 UserId="13413" Comment="Edited for grammar." --> Word Count (94)
 UserId="14994" --> Word Count (36)
 UserId="13562" --> Word Count (267)
 UserId="13562" --> Word Count (13)
 UserId="13562" --> Word Count (1)
 UserId="13562" Comment="rephrase" --> Word Count (271)
 UserId="14994" Comment="small typo in the title" --> Word Count (3)
 UserId="97" --> Word Count (39)
 UserId="97" --> Word Count (7)
 UserId="97" --> Word Count (1)
 UserId="21" Comment="appended answer 9549 as supplemental" --> Word Count (364)
 UserId="108" --> Word Count (243)
 UserId="11097" --> Word Count (200)
 UserId="15079" --> Word Count (84)
 UserId="15079" --> Word Count (5)
 UserId="15079" --> Word Count (1)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="15083" --> Word Count (87)
 UserId="15083" --> Word Count (10)
 UserId="15083" --> Word Count (1)
 UserId="108" Comment="spelling" --> Word Count (39)
 UserId="843" Comment="add benchmark" --> Word Count (46)
 UserId="13413" Comment="Edited for style, succinctness, and grammar." --> Word Count (59)
 UserId="9420" --> Word Count (134)
 UserId="15010" --> Word Count (107)
 UserId="15010" --> Word Count (5)

UserId="15010" --> Word Count (1)
 UserId="6396" --> Word Count (153)
 UserId="6396" Comment="Correct a detail." --> Word Count (155)
 UserId="14047" --> Word Count (93)
 UserId="15099" --> Word Count (40)
 UserId="8820" --> Word Count (113)
 UserId="381" --> Word Count (61)
 UserId="3466" --> Word Count (66)
 UserId="3466" --> Word Count (9)
 UserId="3466" --> Word Count (1)
 UserId="13023" --> Word Count (116)
 UserId="13023" --> Word Count (7)
 UserId="13023" --> Word Count (1)
 UserId="15115" --> Word Count (46)
 UserId="15115" --> Word Count (4)
 UserId="15115" --> Word Count (1)
 UserId="14994" --> Word Count (199)
 UserId="10517" --> Word Count (118)
 UserId="14994" --> Word Count (64)
 UserId="14357" --> Word Count (308)
 UserId="14357" --> Word Count (6)
 UserId="14357" --> Word Count (1)
 UserId="924" --> Word Count (118)
 UserId="924" Comment="added 4 characters in body" --> Word Count (312)
 UserId="15128" --> Word Count (140)
 UserId="15128" --> Word Count (10)
 UserId="15128" --> Word Count (1)
 UserId="14994" --> Word Count (23)
 UserId="14994" --> Word Count (12)
 UserId="14994" --> Word Count (1)
 UserId="816" Comment="some latex changes" --> Word Count (397)
 UserId="816" --> Word Count (141)
 UserId="15024" --> Word Count (132)
 UserId="15024" --> Word Count (7)
 UserId="15024" --> Word Count (1)
 UserId="15083" --> Word Count (73)
 UserId="14994" Comment="changed format ;-)" --> Word Count (76)
 UserId="15083" Comment="added 7 characters in body" --> Word Count (77)
 UserId="14994" Comment="the link could not be seen" --> Word Count (87)
 UserId="13023" --> Word Count (261)
 UserId="13023" Comment="added 109 characters in body" --> Word Count (276)
 UserId="13023" Comment="added 213 characters in body" --> Word Count (138)
 UserId="-1" --> Word Count (1)
 UserId="21" Comment="to <http://biology.stackexchange.com/questions/41963/how-do-a-real-brain-actually-learn>" --> Word Count (2)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="3240" Comment="fixed spellings and grammar" --> Word Count (48)

UserId="3240" Comment="fixed spellings and grammar" --> Word Count (11)
 UserId="15144" --> Word Count (28)
 UserId="15144" --> Word Count (7)
 UserId="15144" --> Word Count (1)
 UserId="10517" Comment="Edit based on info from Dirk Eddelbuettel" --> Word
 Count (103)
 UserId="15140" --> Word Count (140)
 UserId="15140" --> Word Count (10)
 UserId="15140" --> Word Count (1)
 UserId="15154" --> Word Count (803)
 UserId="15154" --> Word Count (6)
 UserId="15154" --> Word Count (1)
 UserId="5303" --> Word Count (90)
 UserId="15157" --> Word Count (148)
 UserId="15157" --> Word Count (7)
 UserId="15157" --> Word Count (1)
 UserId="924" --> Word Count (19)
 UserId="12985" --> Word Count (140)
 UserId="12985" --> Word Count (13)
 UserId="12985" --> Word Count (1)
 UserId="381" --> Word Count (68)
 UserId="14370" Comment="edited body" --> Word Count (29)
 UserId="15159" --> Word Count (42)
 UserId="15163" --> Word Count (187)
 UserId="15163" --> Word Count (8)
 UserId="15163" --> Word Count (1)
 UserId="15167" --> Word Count (30)
 UserId="13625" --> Word Count (185)
 UserId="13625" --> Word Count (8)
 UserId="13625" --> Word Count (1)
 UserId="108" --> Word Count (39)
 UserId="8820" Text="# Question 1: Category prediction

To
 predict the category of a new blog post, you could do the
 following:

* Build a MLP (multilayer Perceptron, a very
 simple neural network). Each category gets an output node, each tag is a binary
 input node. However, this will only work if the number of tags is very little.
 As soon as you add new tags, you will have to retrain the network.
*
 Build a MLP with "important words" as features.
* If you have
 internal links, you might want to have a look at "On Node Classification in
 Dynamic Content-based Networks". In case you're German, you might also like
 [Über die Klassifizierung von Knoten in dynamischen Netzwerken mit
 Inhalt](http://arxiv.org/abs/1512.04469)
* You could take all words you
 currently have, see those as a vector space. Fix that vocabulary (and probably
 remove some meaningless words like "with", "a",
 "an" - this is commonly called a "stopword"). For each text,
 you count the different words you have in your vocabulary. A new blog post is
 point in this space. Use \$k\$ nearest neighbor for classification.
* Use
 combinations of different predictions by letting each predictor give a vote for

a classification.


See also

*
Yiming Yang, Jan O. Pedersen: [A Comparative Study on Feature Selection in Text Categorization] (http://www.surdeanu.info/mihai/teaching/ista555-spring15/readings/yang97comparative.pdf), 1997.
*
Scikit-learn: [Working With --> Word Count (20)

UserId="8820" Comment="added 86 characters in body" Text="# Question 1: Category prediction

To predict the category of a new blog post, you could do the following:

*
Build a MLP (multilayer Perceptron, a very simple neural network). Each category gets an output node, each tag is a binary input node. However, this will only work if the number of tags is very little. As soon as you add new tags, you will have to retrain the network.
*
Build a MLP with "important words"; as features.
*
If you have internal links, you might want to have a look at "On Node Classification in Dynamic Content-based Networks".. In case you're German, you might also like [Über die Klassifizierung von Knoten in dynamischen Netzwerken mit Inhalt] (http://arxiv.org/abs/1512.04469)
*
You could take all words you currently have, see those as a vector space. Fix that vocabulary (and probably remove some meaningless words like "with";, "a";, "an"; - this is commonly called a "stopword"). For each text, you count the different words you have in your vocabulary. A new blog post is point in this space. Use \$k\$ nearest neighbor for classification.
*
Use combinations of different predictions by letting each predictor give a vote for a classification.


See also

*
Yiming Yang, Jan O. Pedersen: [A Comparative Study on Feature Selection in Text Categorization] (http://www.surdeanu.info/mihai/teaching/ista555-spring15/readings/yang97comparative.pdf), 1997.
*
Scikit-learn: [Working With --> Word Count (33)

UserId="8820" Comment="structure text a bit better" --> Word Count (153)

UserId="15171" --> Word Count (27)

UserId="15171" --> Word Count (5)

UserId="15171" --> Word Count (1)

UserId="8878" --> Word Count (90)

UserId="8878" --> Word Count (120)

UserId="8878" Comment="Mistake in logic" --> Word Count (260)

UserId="21" Comment="105" --> Word Count (2)

UserId="8878" Comment="edited body" --> Word Count (90)

UserId="471" --> Word Count (366)

UserId="15173" --> Word Count (113)

UserId="12985" --> Word Count (160)

UserId="12985" --> Word Count (9)

UserId="12985" --> Word Count (1)

UserId="15174" --> Word Count (19)

UserId="12985" Comment="deleted 26 characters in body" --> Word Count (159)

UserId="15176" --> Word Count (67)

UserId="15176" --> Word Count (12)

UserId="15176" --> Word Count (1)

UserId="15180" --> Word Count (113)

UserId="15180" --> Word Count (6)
 UserId="15180" --> Word Count (1)
 UserId="8820" --> Word Count (384)
 UserId="8820" --> Word Count (12)
 UserId="8820" --> Word Count (1)
 UserId="12473" --> Word Count (93)
 UserId="15182" --> Word Count (131)
 UserId="15182" --> Word Count (11)
 UserId="15182" --> Word Count (1)
 UserId="9420" --> Word Count (575)
 UserId="843" Comment="added 111 characters in body" --> Word Count (52)
 UserId="14463" --> Word Count (39)
 UserId="12473" --> Word Count (118)
 UserId="15187" --> Word Count (145)
 UserId="15187" --> Word Count (8)
 UserId="15187" --> Word Count (1)
 UserId="13953" --> Word Count (84)
 UserId="13953" --> Word Count (17)
 UserId="13953" --> Word Count (1)
 UserId="8005" Comment="Adding marketing tag." --> Word Count (1)
 UserId="14463" --> Word Count (62)
 UserId="11097" --> Word Count (139)
 UserId="-1" --> Word Count (1)
 UserId="8878" --> Word Count (54)
 UserId="8878" Comment="As always Graphs and Plots are misunderstood! Graph is a mathematical object and has nothing to do with Plots!" --> Word Count (90)
 UserId="8878" Comment="As always Graphs and Plots are misunderstood! Graph is a mathematical object and has nothing to do with Plots!" --> Word Count (11)
 UserId="8878" Comment="As always Graphs and Plots are misunderstood! Graph is a mathematical object and has nothing to do with Plots!" --> Word Count (1)
 UserId="8878" Comment="As always Graphs and Plots are misunderstood! Graph is a mathematical object and has nothing to do with Plots!" --> Word Count (213)
 UserId="8878" Comment="edited body" --> Word Count (54)
 UserId="14946" --> Word Count (148)
 UserId="14946" --> Word Count (6)
 UserId="14946" --> Word Count (1)
 UserId="14644" --> Word Count (180)
 UserId="14644" --> Word Count (8)
 UserId="14644" --> Word Count (1)
 UserId="2920" --> Word Count (367)
 UserId="15196" --> Word Count (228)
 UserId="15196" --> Word Count (5)
 UserId="15196" --> Word Count (1)
 UserId="15197" --> Word Count (229)
 UserId="15197" --> Word Count (14)
 UserId="15197" --> Word Count (1)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="8878" --> Word Count (135)

UserId="13413" Comment="Edited for grammar." --> Word Count (116)
UserId="8820" --> Word Count (139)
UserId="9420" --> Word Count (1255)
UserId="8820" Comment="added 364 characters in body" --> Word Count (240)
UserId="9420" Comment="edited based on comment" --> Word Count (1252)
UserId="947" Text="If I understand correctly, you essentially have two forms of features for your models. (1) --> Word Count (303)
UserId="15211" --> Word Count (99)
UserId="15211" --> Word Count (15)
UserId="15211" --> Word Count (1)
UserId="11097" Comment="edited tags" --> Word Count (1)
UserId="11097" Comment="edited tags" --> Word Count (1)
UserId="11097" Comment="edited tags" --> Word Count (1)
UserId="15215" --> Word Count (202)
UserId="14738" Comment="improved formatting" --> Word Count (151)
UserId="15217" --> Word Count (103)
UserId="2573" --> Word Count (186)
UserId="982" --> Word Count (309)
UserId="982" --> Word Count (8)
UserId="982" --> Word Count (1)
UserId="14487" --> Word Count (135)
UserId="14487" --> Word Count (5)
UserId="14487" --> Word Count (1)
UserId="15202" --> Word Count (106)
UserId="14487" Comment="added 59 characters in body" --> Word Count (146)
UserId="982" Comment="Added data sample" --> Word Count (430)
UserId="11097" --> Word Count (225)
UserId="8878" Comment="added 4 characters in body" --> Word Count (113)
UserId="13518" --> Word Count (71)
UserId="13518" --> Word Count (5)
UserId="13518" --> Word Count (1)
UserId="14994" --> Word Count (95)
UserId="14715" --> Word Count (108)
UserId="14715" --> Word Count (60)
UserId="3466" --> Word Count (90)
UserId="14598" --> Word Count (130)
UserId="381" --> Word Count (60)
UserId="14829" --> Word Count (83)
UserId="14829" --> Word Count (10)
UserId="14829" --> Word Count (1)
UserId="15192" --> Word Count (114)
UserId="15192" --> Word Count (9)
UserId="15192" --> Word Count (1)
UserId="13518" Comment="added 70 characters in body" --> Word Count (83)
UserId="14357" --> Word Count (100)
UserId="14357" --> Word Count (7)
UserId="14357" --> Word Count (1)
UserId="15230" --> Word Count (716)

UserId="15230" --> Word Count (12)
 UserId="15230" --> Word Count (1)
 UserId="14789" --> Word Count (166)
 UserId="14789" --> Word Count (20)
 UserId="14789" --> Word Count (1)
 UserId="11097" Comment="added 14 characters in body" --> Word Count (174)
 UserId="2573" --> Word Count (72)
 UserId="15233" --> Word Count (236)
 UserId="15233" --> Word Count (10)
 UserId="15233" --> Word Count (1)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="2573" --> Word Count (89)
 UserId="8820" --> Word Count (341)
 UserId="8820" --> Word Count (11)
 UserId="8820" --> Word Count (1)
 UserId="8820" Comment="added 107 characters in body" --> Word Count (303)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="10169" Comment="explicated 8 lakh and corrected some minor typos (first edit missed one 0)" --> Word Count (114)
 UserId="15197" --> Word Count (25)
 UserId="15197" --> Word Count (11)
 UserId="15197" --> Word Count (1)
 UserId="8820" --> Word Count (111)
 UserId="15197" Comment="corrected grammar and style oversights" --> Word Count (187)
 UserId="15197" Comment="specificated a bit" --> Word Count (39)
 UserId="8820" Comment="added 111 characters in body" --> Word Count (128)
 UserId="15230" Comment="added 218 characters in body" --> Word Count (756)
 UserId="11097" --> Word Count (203)
 UserId="15197" Comment="added tags" --> Word Count (1)
 UserId="15197" Comment="changed title" --> Word Count (10)
 UserId="14946" --> Word Count (71)
 UserId="14946" --> Word Count (7)
 UserId="14946" --> Word Count (1)
 UserId="14909" --> Word Count (43)
 UserId="14909" --> Word Count (6)
 UserId="14909" --> Word Count (1)
 UserId="11097" Comment="added 2 characters in body" --> Word Count (44)
 UserId="15202" --> Word Count (155)
 UserId="15244" --> Word Count (51)
 UserId="15244" --> Word Count (6)
 UserId="15244" --> Word Count (1)
 UserId="11097" Comment="added 8 characters in body" --> Word Count (51)
 UserId="381" --> Word Count (32)
 UserId="108" --> Word Count (180)

UserId="108" Comment="added 642 characters in body" --> Word Count (276)
 UserId="13413" Comment="Fixed typos, grammar, and tried to clarify the question." --> Word Count (80)
 UserId="15253" --> Word Count (110)
 UserId="15253" --> Word Count (5)
 UserId="15253" --> Word Count (1)
 UserId="8041" --> Word Count (78)
 UserId="8820" Comment="added 91 characters in body" --> Word Count (351)
 UserId="6529" --> Word Count (101)
 UserId="12527" --> Word Count (120)
 UserId="14416" --> Word Count (27)
 UserId="2666" --> Word Count (21)
 UserId="15258" --> Word Count (55)
 UserId="15258" --> Word Count (10)
 UserId="15258" --> Word Count (1)
 UserId="9123" --> Word Count (67)
 UserId="9420" --> Word Count (231)
 UserId="15261" --> Word Count (65)
 UserId="15261" --> Word Count (13)
 UserId="15261" --> Word Count (1)
 UserId="9420" Comment="deleted 29 characters in body" --> Word Count (225)
 UserId="12341" --> Word Count (134)
 UserId="14904" --> Word Count (191)
 UserId="14904" --> Word Count (9)
 UserId="14904" --> Word Count (1)
 UserId="14904" --> Word Count (39)
 UserId="837" --> Word Count (30)
 UserId="837" --> Word Count (9)
 UserId="837" --> Word Count (1)
 UserId="201" --> Word Count (240)
 UserId="201" --> Word Count (9)
 UserId="201" --> Word Count (1)
 UserId="6550" --> Word Count (60)
 UserId="9420" --> Word Count (86)
 UserId="10245" --> Word Count (72)
 UserId="10245" --> Word Count (10)
 UserId="10245" --> Word Count (1)
 UserId="554" Comment="added 201 characters in body" --> Word Count (54)
 UserId="-1" Comment="add the name of LeakyReLU" --> Word Count (419)
 UserId="843" Comment="added 42 characters in body" --> Word Count (5)
 UserId="15197" Comment="added 46 characters in body" --> Word Count (5)
 UserId="15197" Comment="added 151 characters in body" --> Word Count (25)
 UserId="14779" --> Word Count (106)
 UserId="14779" Comment="Added math as asked by author" --> Word Count (326)
 UserId="15281" --> Word Count (153)
 UserId="15281" --> Word Count (8)
 UserId="15281" --> Word Count (1)
 UserId="9420" Comment="Added more context to the question" --> Word Count (146)

UserId="9420" Comment="Added more context to the question" --> Word Count (11)
 UserId="9420" Comment="Added more context to the question" --> Word Count (1)
 UserId="9420" --> Word Count (411)
 UserId="21" Comment="105" --> Word Count (2)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="14644" --> Word Count (162)
 UserId="14644" --> Word Count (9)
 UserId="14644" --> Word Count (1)
 UserId="9420" --> Word Count (198)
 UserId="9197" --> Word Count (104)
 UserId="9197" --> Word Count (8)
 UserId="9197" --> Word Count (1)
 UserId="9197" Comment="added 69 characters in body" --> Word Count (114)
 UserId="15293" --> Word Count (28)
 UserId="15293" --> Word Count (8)
 UserId="15293" --> Word Count (1)
 UserId="14715" --> Word Count (34)
 UserId="14829" Comment="added 1491 characters in body" --> Word Count (344)
 UserId="15300" --> Word Count (282)
 UserId="14946" --> Word Count (36)
 UserId="14946" --> Word Count (9)
 UserId="14946" --> Word Count (1)
 UserId="14946" Comment="added 2 characters in body" --> Word Count (36)
 UserId="11097" --> Word Count (189)
 UserId="15303" --> Word Count (311)
 UserId="15303" --> Word Count (6)
 UserId="15303" --> Word Count (1)
 UserId="8820" --> Word Count (59)
 UserId="15308" --> Word Count (156)
 UserId="15308" --> Word Count (7)
 UserId="15308" --> Word Count (1)
 UserId="15306" --> Word Count (85)
 UserId="15306" Comment="edited body" --> Word Count (85)
 UserId="14946" --> Word Count (65)
 UserId="14946" --> Word Count (6)
 UserId="14946" --> Word Count (1)
 UserId="15311" --> Word Count (91)
 UserId="15311" --> Word Count (2)
 UserId="15311" --> Word Count (1)
 UserId="8820" Comment="added 59 characters in body" --> Word Count (68)
 UserId="15315" --> Word Count (172)
 UserId="15315" --> Word Count (6)
 UserId="15315" --> Word Count (1)
 UserId="381" --> Word Count (103)
 UserId="15306" Comment="added 7 characters in body" --> Word Count (84)
 UserId="15306" Comment="added 29 characters in body" --> Word Count (98)
 UserId="9197" --> Word Count (87)
 UserId="9197" --> Word Count (8)

UserId="9197" --> Word Count (1)
 UserId="12473" Comment="edited body" --> Word Count (120)
 UserId="381" Comment="added 374 characters in body" --> Word Count (87)
 UserId="15324" --> Word Count (37)
 UserId="15324" --> Word Count (3)
 UserId="15324" --> Word Count (1)
 UserId="11097" Comment="edited title" --> Word Count (6)
 UserId="15325" --> Word Count (67)
 UserId="15325" --> Word Count (13)
 UserId="15325" --> Word Count (1)
 UserId="11044" --> Word Count (20)
 UserId="11044" --> Word Count (11)
 UserId="11044" --> Word Count (1)
 UserId="11097" Comment="edited title" --> Word Count (13)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="108" --> Word Count (421)
 UserId="3167" --> Word Count (173)
 UserId="3167" --> Word Count (7)
 UserId="3167" --> Word Count (1)
 UserId="2573" --> Word Count (41)
 UserId="2750" --> Word Count (39)
 UserId="14357" --> Word Count (25)
 UserId="14357" --> Word Count (8)
 UserId="14357" --> Word Count (1)
 UserId="108" --> Word Count (68)
 UserId="108" --> Word Count (64)
 UserId="14357" Comment="added 160 characters in body" --> Word Count (46)
 UserId="2750" --> Word Count (76)
 UserId="14672" --> Word Count (30)
 UserId="14672" --> Word Count (7)
 UserId="14672" --> Word Count (1)
 UserId="14672" --> Word Count (58)
 UserId="14672" --> Word Count (5)
 UserId="14672" --> Word Count (1)
 UserId="15311" Comment="edited tags" --> Word Count (1)
 UserId="14672" --> Word Count (49)
 UserId="14672" --> Word Count (5)
 UserId="14672" --> Word Count (1)
 UserId="15332" --> Word Count (76)
 UserId="11097" --> Word Count (347)
 UserId="11097" Comment="deleted 2 characters in body" --> Word Count (347)
 UserId="14672" Comment="added 61 characters in body" --> Word Count (67)
 UserId="14672" Comment="added 62 characters in body" --> Word Count (59)
 UserId="14672" Comment="added 64 characters in body" --> Word Count (40)
 UserId="11097" Comment="added 10 characters in body; edited tags" --> Word Count (67)
 UserId="11097" Comment="added 10 characters in body; edited tags" --> Word Count (1)

UserId="14829" --> Word Count (207)
 UserId="14994" --> Word Count (146)
 UserId="14829" --> Word Count (234)
 UserId="14829" Comment="edited body" --> Word Count (234)
 UserId="13165" --> Word Count (9)
 UserId="13165" --> Word Count (11)
 UserId="13165" --> Word Count (1)
 UserId="15325" Comment="added 158 characters in body" --> Word Count (90)
 UserId="15325" Comment="added 759 characters in body" --> Word Count (233)
 UserId="15325" Comment="added 2 characters in body" --> Word Count (233)
 UserId="15325" Comment="added 2 characters in body" --> Word Count (254)
 UserId="15325" Comment="added 50 characters in body" --> Word Count (261)
 UserId="11044" Comment="added 185 characters in body" --> Word Count (54)
 UserId="15300" --> Word Count (139)
 UserId="15348" --> Word Count (28)
 UserId="15348" --> Word Count (7)
 UserId="15348" --> Word Count (1)
 UserId="11097" Comment="deleted 9 characters in body; edited title" --> Word Count (27)
 UserId="11097" Comment="deleted 9 characters in body; edited title" --> Word Count (6)
 UserId="11044" Comment="edited tags" --> Word Count (1)
 UserId="1244" --> Word Count (148)
 UserId="14994" Comment="added 552 characters in body" --> Word Count (230)
 UserId="15115" --> Word Count (93)
 UserId="15115" --> Word Count (5)
 UserId="15115" --> Word Count (1)
 UserId="8878" Comment="Grammatical" --> Word Count (94)
 UserId="15115" Comment="added 83 characters in body" --> Word Count (106)
 UserId="11097" Comment="deleted 1 character in body" --> Word Count (78)
 UserId="8878" --> Word Count (114)
 UserId="14560" --> Word Count (75)
 UserId="14560" --> Word Count (7)
 UserId="14560" --> Word Count (1)
 UserId="15356" --> Word Count (148)
 UserId="15356" --> Word Count (8)
 UserId="15356" --> Word Count (1)
 UserId="15356" Comment="added 57 characters in body" --> Word Count (157)
 UserId="964" --> Word Count (91)
 UserId="108" Comment="rewrote everything" --> Word Count (1090)
 UserId="15356" Comment="deleted 20 characters in body" --> Word Count (153)
 UserId="15356" Comment="deleted 20 characters in body" --> Word Count (318)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="2932" --> Word Count (178)
 UserId="2932" Comment="Improved Formatting for readability" --> Word Count (179)
 UserId="2932" Comment="Added two tags" --> Word Count (1)
 UserId="8820" --> Word Count (233)

UserId="8820" Comment="added 21 characters in body" --> Word Count (255)
 UserId="964" Comment="deleted 11 characters in body" --> Word Count (90)
 UserId="2932" --> Word Count (26)
 UserId="2932" Comment="added 429 characters in body" --> Word Count (89)
 UserId="15366" --> Word Count (225)
 UserId="15366" --> Word Count (7)
 UserId="15366" --> Word Count (1)
 UserId="2932" --> Word Count (62)
 UserId="2932" Comment="via Vote" --> Word Count (2)
 UserId="2932" Comment="added 494 characters in body" --> Word Count (270)
 UserId="2932" --> Word Count (2)
 UserId="2932" Comment="added 284 characters in body" --> Word Count (367)
 UserId="15372" --> Word Count (234)
 UserId="15372" --> Word Count (17)
 UserId="15372" --> Word Count (1)
 UserId="15373" --> Word Count (74)
 UserId="14416" --> Word Count (36)
 UserId="14416" --> Word Count (23)
 UserId="11097" --> Word Count (121)
 UserId="14789" --> Word Count (78)
 UserId="8820" Comment="formatting" --> Word Count (234)
 UserId="836" --> Word Count (77)
 UserId="836" Comment="added 281 characters in body" --> Word Count (125)
 UserId="13518" --> Word Count (83)
 UserId="13518" --> Word Count (9)
 UserId="13518" --> Word Count (1)
 UserId="12909" --> Word Count (71)
 UserId="8878" --> Word Count (452)
 UserId="15393" --> Word Count (113)
 UserId="15393" --> Word Count (6)
 UserId="15393" --> Word Count (1)
 UserId="15361" --> Word Count (50)
 UserId="9489" --> Word Count (115)
 UserId="836" Comment="added 375 characters in body" --> Word Count (194)
 UserId="836" Comment="added 262 characters in body" --> Word Count (239)
 UserId="15398" --> Word Count (299)
 UserId="15398" --> Word Count (9)
 UserId="15398" --> Word Count (1)
 UserId="15402" --> Word Count (66)
 UserId="15402" --> Word Count (6)
 UserId="15402" --> Word Count (1)
 UserId="11097" Comment="added 4 characters in body; edited tags" --> Word Count (70)
 UserId="11097" Comment="added 4 characters in body; edited tags" --> Word Count (1)
 UserId="10975" --> Word Count (88)
 UserId="15408" --> Word Count (68)
 UserId="15408" --> Word Count (13)

UserId="15408" --> Word Count (1)
 UserId="15410" --> Word Count (76)
 UserId="15410" --> Word Count (8)
 UserId="15410" --> Word Count (1)
 UserId="13354" --> Word Count (141)
 UserId="8820" Comment="Meanwhile, there is LaTeX. Adjusted the formatting" -->
 Word Count (299)
 UserId="15412" --> Word Count (327)
 UserId="15412" --> Word Count (5)
 UserId="15412" --> Word Count (1)
 UserId="92" --> Word Count (270)
 UserId="1244" --> Word Count (20)
 UserId="1244" Comment="added 85 characters in body" --> Word Count (27)
 UserId="15412" --> Word Count (33)
 UserId="15372" Comment="added 133 characters in body; edited title" --> Word
 Count (254)
 UserId="15372" Comment="added 133 characters in body; edited title" --> Word
 Count (17)
 UserId="15197" --> Word Count (38)
 UserId="15197" --> Word Count (2)
 UserId="15197" --> Word Count (1)
 UserId="15420" --> Word Count (236)
 UserId="15420" --> Word Count (7)
 UserId="15420" --> Word Count (1)
 UserId="15420" Comment="edited title" --> Word Count (8)
 UserId="15420" Comment="edited title" --> Word Count (238)
 UserId="15420" Comment="added 60 characters in body" --> Word Count (250)
 UserId="15420" Comment="added 5 characters in body" --> Word Count (265)
 UserId="15420" Comment="added 5 characters in body" --> Word Count (269)
 UserId="15420" Comment="deleted 10 characters in body" --> Word Count (268)
 UserId="15372" Comment="added 27 characters in body" --> Word Count (259)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="15197" Comment="added 64 characters in body" --> Word Count (58)
 UserId="15197" Comment="mentioned pybrain" --> Word Count (59)
 UserId="15420" --> Word Count (89)
 UserId="15197" Comment="edited tags" --> Word Count (1)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="15430" --> Word Count (54)
 UserId="15430" --> Word Count (9)
 UserId="15430" --> Word Count (1)
 UserId="836" Comment="deleted 84 characters in body" --> Word Count (226)
 UserId="12515" --> Word Count (98)
 UserId="14763" --> Word Count (101)
 UserId="13953" --> Word Count (1977)
 UserId="13953" --> Word Count (16)
 UserId="13953" --> Word Count (1)
 UserId="15456" --> Word Count (283)
 UserId="15456" --> Word Count (6)

UserId="15456" --> Word Count (1)
 UserId="15412" --> Word Count (58)
 UserId="15412" --> Word Count (6)
 UserId="15412" --> Word Count (1)
 UserId="9420" --> Word Count (48)
 UserId="12882" --> Word Count (34)
 UserId="12882" --> Word Count (11)
 UserId="12882" --> Word Count (1)
 UserId="924" --> Word Count (85)
 UserId="924" --> Word Count (34)
 UserId="8820" --> Word Count (145)
 UserId="8820" --> Word Count (10)
 UserId="8820" --> Word Count (1)
 UserId="122" --> Word Count (152)
 UserId="122" --> Word Count (7)
 UserId="122" --> Word Count (1)
 UserId="15469" --> Word Count (73)
 UserId="15470" --> Word Count (18)
 UserId="15361" --> Word Count (52)
 UserId="13023" --> Word Count (656)
 UserId="13023" --> Word Count (7)
 UserId="13023" --> Word Count (1)
 UserId="13023" Comment="added 2 characters in body" --> Word Count (657)
 UserId="13023" Comment="deleted 34 characters in body" --> Word Count (650)
 UserId="8041" Comment="update in response to comment." --> Word Count (188)
 UserId="1193" --> Word Count (77)
 UserId="15315" Comment="added 297 characters in body" --> Word Count (197)
 UserId="11097" --> Word Count (206)
 UserId="13518" --> Word Count (47)
 UserId="13518" --> Word Count (6)
 UserId="13518" --> Word Count (1)
 UserId="9670" --> Word Count (200)
 UserId="9670" --> Word Count (17)
 UserId="9670" --> Word Count (1)
 UserId="837" --> Word Count (63)
 UserId="8820" Comment="add pgm tag (probabilistic graphical model)" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="8820" Comment="edited tags" --> Word Count (1)
 UserId="15501" --> Word Count (500)
 UserId="8820" Comment="Add tag reinforcement-learning" --> Word Count (1)
 UserId="8820" --> Word Count (296)
 UserId="8820" --> Word Count (14)
 UserId="8820" --> Word Count (1)
 UserId="8820" Comment="added 8 characters in body" --> Word Count (296)
 UserId="1272" --> Word Count (140)
 UserId="8820" Comment="added 175 characters in body" --> Word Count (22)

UserId="8820" Comment="Add reinforcement-learning tag" --> Word Count (106)
 UserId="8820" Comment="Add reinforcement-learning tag" --> Word Count (1)
 UserId="8820" Comment="Add tag reinforcement-learning" --> Word Count (1)
 UserId="8820" Comment="Add tag reinforcement-learning and fix formatting" -->
 Word Count (1)
 UserId="8820" Comment="Add tag reinforcement-learning and fix formatting" -->
 Word Count (162)
 UserId="8820" Comment="Add tag reinforcement-learning and fix formatting" -->
 Word Count (1)
 UserId="8820" Comment="Add tag reinforcement-learning" --> Word Count (1)
 UserId="8820" Comment="Add tag reinforcement-learning and fix formatting" -->
 Word Count (109)
 UserId="8820" Comment="Add tag reinforcement-learning and fix formatting" -->
 Word Count (1)
 UserId="8820" Comment="Add tag reinforcement-learning and fix formatting" -->
 Word Count (42)
 UserId="8820" Comment="Add tag reinforcement-learning and fix formatting" -->
 Word Count (1)
 UserId="8820" Comment="added 164 characters in body" --> Word Count (27)
 UserId="8820" Comment="Add tag reinforcement-learning and fix formatting" -->
 Word Count (45)
 UserId="8820" Comment="Add tag reinforcement-learning and fix formatting" -->
 Word Count (1)
 UserId="8820" Comment="Add tag reinforcement-learning and fix formatting" -->
 Word Count (36)
 UserId="8820" Comment="Add tag reinforcement-learning and fix formatting" -->
 Word Count (1)
 UserId="8820" Comment="Add tag reinforcement-learning and fix formatting" -->
 Word Count (57)
 UserId="8820" Comment="Add tag reinforcement-learning and fix formatting" -->
 Word Count (1)
 UserId="21" Comment="edited body" --> Word Count (140)
 UserId="14946" --> Word Count (186)
 UserId="1193" Comment="edited body" --> Word Count (77)
 UserId="13023" Comment="deleted 2 characters in body" --> Word Count (650)
 UserId="7848" --> Word Count (61)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="15519" --> Word Count (111)
 UserId="15519" --> Word Count (10)
 UserId="15519" --> Word Count (1)
 UserId="15519" --> Word Count (68)
 UserId="3044" --> Word Count (133)
 UserId="3044" Comment="added 385 characters in body" --> Word Count (187)
 UserId="15527" --> Word Count (63)
 UserId="15527" --> Word Count (50)
 UserId="15527" Comment="added alt text" --> Word Count (48)
 UserId="15527" Text="I don't know about RapidMiner, but for a beginner,
 [Orange](http://orange.biolab.si) seems an awesome open-source tool for the job.



Particularly if you want to do unsupervised learning, i.e. clustering. You'd probably want to preprocess your textual data in some _bag of words_ model and save it as CSV, I guess.

I also hear Orange has a [text mining add-on](<https://pypi.python.org/pypi/Orange3>- --> Word Count (11)

UserId="8820" --> Word Count (83)

UserId="8820" Comment="added 679 characters in body" --> Word Count (156)

UserId="15533" --> Word Count (100)

UserId="15533" --> Word Count (7)

UserId="15533" --> Word Count (1)

UserId="11097" Comment="edited tags" --> Word Count (1)

UserId="15527" Comment="Fix 404 link" --> Word Count (13)

UserId="15148" --> Word Count (34)

UserId="15148" --> Word Count (9)

UserId="15148" --> Word Count (1)

UserId="15536" --> Word Count (155)

UserId="15536" --> Word Count (9)

UserId="15536" --> Word Count (1)

UserId="13809" --> Word Count (421)

UserId="13809" --> Word Count (7)

UserId="13809" --> Word Count (1)

UserId="12527" Comment="added full names for PCA and MCA since they have alternative meanings (Morphological Component Analysis), added a tag" --> Word Count (46)

UserId="12527" Comment="added full names for PCA and MCA since they have alternative meanings (Morphological Component Analysis), added a tag" --> Word Count (1)

UserId="15543" --> Word Count (55)

UserId="1272" --> Word Count (83)

UserId="1272" --> Word Count (14)

UserId="1272" --> Word Count (1)

UserId="122" --> Word Count (256)

UserId="122" --> Word Count (15)

UserId="122" --> Word Count (1)

UserId="3433" --> Word Count (23)

UserId="3433" --> Word Count (4)

UserId="3433" --> Word Count (1)

UserId="15090" --> Word Count (35)

UserId="13736" --> Word Count (216)

UserId="13736" --> Word Count (4)

UserId="13736" --> Word Count (1)

UserId="14644" --> Word Count (106)

UserId="14644" --> Word Count (5)

UserId="14644" --> Word Count (1)

UserId="14644" Comment="added 2 characters in body" --> Word Count (107)

UserId="1272" Comment="added link" --> Word Count (38)

UserId="8878" Comment="added link" --> Word Count (38)

UserId="1406" Comment="added 1156 characters in body" --> Word Count (587)

UserId="15552" --> Word Count (408)
 UserId="15552" --> Word Count (8)
 UserId="15552" --> Word Count (1)
 UserId="3314" --> Word Count (168)
 UserId="3314" --> Word Count (13)
 UserId="3314" --> Word Count (1)
 UserId="381" --> Word Count (22)
 UserId="13384" --> Word Count (92)
 UserId="13384" --> Word Count (5)
 UserId="13384" --> Word Count (1)
 UserId="15552" Comment="EDIT: added another possible implementation for Hartigan-Wong" --> Word Count (539)
 UserId="15422" --> Word Count (214)
 UserId="15422" --> Word Count (7)
 UserId="15422" --> Word Count (1)
 UserId="11097" --> Word Count (104)
 UserId="11097" --> Word Count (48)
 UserId="11097" --> Word Count (9)
 UserId="11097" --> Word Count (1)
 UserId="11097" Text="I have had this doubt since a long time. So, [this post][1] here helped me figure the differences between the two.

So, this is the difference between text mining and NLP:

> --> Word Count (104)
 UserId="11097" Comment="added 124 characters in body" --> Word Count (65)
 UserId="13727" Text="I agree with Sean's answer.
[NLP][1] and and [text mining][2] are usually used for different goals.
Also, there is indeed an overlap and both definitions are vogue.

Other than the difference in goal, there is a difference in methods.
Text mining techniques are usually shallow and do not consider the text structure. Usually text mining will use bag of words, n-grams and possibly stemming over that.

In NLP methods usually involve the test structure. You can find there sentence splitting, part of speech tagging and parse tree construction. 
 


 [1]: https://en.wikipedia.org/wiki/Natural_language_processing
 [2]: <https://en.wikipedia.org/wiki/> --> Word Count (1)
 UserId="13736" Comment="clarification" --> Word Count (227)
 UserId="10169" Comment="One paragraph was included twice. Deleted it one time." Text="I have had this doubt since a long time. So, [this post][1] here helped me figure the differences between the two.

So, this is the difference between text mining and NLP:

> --> Word Count (83)
 UserId="8878" Comment="One paragraph was included twice. Deleted it one time." Text="I have had this doubt since a long time. So, [this post][1] here helped me figure the differences between the two.

So, this is the difference between text mining and NLP:

> --> Word Count (83)
 UserId="15543" --> Word Count (83)
 UserId="15543" Comment="added 84 characters in body" --> Word Count (96)

UserId="15543" Comment="added 647 characters in body" --> Word Count (192)
 UserId="15543" Comment="added 293 characters in body" --> Word Count (253)
 UserId="11097" Comment="deleted 24 characters in body" --> Word Count (89)
 UserId="15543" Comment="added 198 characters in body" --> Word Count (209)
 UserId="8820" --> Word Count (298)
 UserId="8820" --> Word Count (6)
 UserId="8820" --> Word Count (1)
 UserId="15501" --> Word Count (952)
 UserId="13736" Comment="added 346 characters in body" --> Word Count (279)
 UserId="14390" --> Word Count (81)
 UserId="11097" Comment="added 3 characters in body; edited tags" --> Word Count (111)
 UserId="11097" Comment="added 3 characters in body; edited tags" --> Word Count (1)
 UserId="14994" --> Word Count (28)
 UserId="13413" --> Word Count (101)
 UserId="13413" --> Word Count (3)
 UserId="13413" --> Word Count (1)
 UserId="13413" Comment="Edited title to be more reflective of the question." --> Word Count (3)
 UserId="13413" --> Word Count (42)
 UserId="13165" --> Word Count (19)
 UserId="13165" --> Word Count (12)
 UserId="13165" --> Word Count (1)
 UserId="13413" Comment="Edited for grammar and style. Added unicode tag." --> Word Count (161)
 UserId="13413" Comment="Edited for grammar and style. Added unicode tag." --> Word Count (15)
 UserId="13413" Comment="Edited for grammar and style. Added unicode tag." --> Word Count (1)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="14994" Comment="please take a look at my change. You refer to parameters of your models. When I read candidates it seems that you were refering to an optimization system" --> Word Count (111)
 UserId="13413" Comment="Edited for grammar." --> Word Count (76)
 UserId="13413" Comment="Edited for grammar." --> Word Count (7)
 UserId="12575" --> Word Count (61)
 UserId="97" Comment="added one more data source" --> Word Count (110)
 UserId="13736" Comment="added result" --> Word Count (1679)
 UserId="97" Comment="deleted 3 characters in body" --> Word Count (110)
 UserId="8878" --> Word Count (65)
 UserId="13727" Comment="Some examples to sentences that common NLP and text mining methods classify differently " Text="I agree with Sean's answer.
[NLP][1] and and [text mining][2] are usually used for different goals.
Also, there is indeed an overlap and both definitions are vogue.

Other than the difference in goal, there is a difference in methods.
Text mining techniques are usually shallow and do not consider the text structure. Usually text mining will use bag of words,

n-grams and possibly stemming over that. In NLP methods usually involve the test structure. You can find there sentence splitting, part of speech tagging and parse tree construction. Typical text mining method will consider the following sentences to indicate happiness while typical NLP methods detects that they are not. 1. I am not happy. 2. I will be happy when it will rain. 3. If it will rain, I'll be happy. 4. She asked whether I am happy. 5. Are you happy?

[1]: https://en.wikipedia.org/wiki/Natural_language_processing

[2]: <https://en.wikipedia.org/wiki/> --> Word Count (1)

UserId="14684" --> Word Count (312)

UserId="14684" --> Word Count (10)

UserId="14684" --> Word Count (1)

UserId="11097" Comment="added 41 characters in body" --> Word Count (360)

UserId="11097" --> Word Count (164)

UserId="13457" --> Word Count (7)

UserId="15595" --> Word Count (116)

UserId="15595" --> Word Count (7)

UserId="15595" --> Word Count (1)

UserId="15599" --> Word Count (153)

UserId="15604" --> Word Count (383)

UserId="15604" --> Word Count (10)

UserId="15604" --> Word Count (1)

UserId="15609" --> Word Count (112)

UserId="15609" --> Word Count (5)

UserId="15609" --> Word Count (1)

UserId="15609" Comment="added 16 characters in body; edited tags" --> Word Count (115)

UserId="15609" Comment="added 16 characters in body; edited tags" --> Word Count (1)

UserId="8878" --> Word Count (14)

UserId="12575" --> Word Count (94)

UserId="15613" --> Word Count (86)

UserId="15613" --> Word Count (3)

UserId="15613" --> Word Count (1)

UserId="13457" Comment="added 127 characters in body" --> Word Count (27)

UserId="3314" --> Word Count (213)

UserId="3314" --> Word Count (14)

UserId="3314" --> Word Count (1)

UserId="15617" --> Word Count (290)

UserId="15617" --> Word Count (11)

UserId="15617" --> Word Count (1)

UserId="15620" --> Word Count (163)

UserId="14384" --> Word Count (200)

UserId="14384" --> Word Count (15)

UserId="14384" --> Word Count (1)

UserId="15626" --> Word Count (29)

UserId="15626" --> Word Count (27)

UserId="15361" --> Word Count (25)
 UserId="15631" --> Word Count (71)
 UserId="15631" --> Word Count (8)
 UserId="15631" --> Word Count (1)
 UserId="9663" --> Word Count (239)
 UserId="9663" --> Word Count (16)
 UserId="9663" --> Word Count (1)
 UserId="381" --> Word Count (31)
 UserId="11097" Comment="deleted 4 characters in body" --> Word Count (224)
 UserId="8820" Comment="added 163 characters in body" --> Word Count (29)
 UserId="108" --> Word Count (258)
 UserId="15527" --> Word Count (164)
 UserId="15527" --> Word Count (117)
 UserId="15215" --> Word Count (143)
 UserId="15604" Comment="more clarification" --> Word Count (440)
 UserId="12580" --> Word Count (74)
 UserId="9974" --> Word Count (171)
 UserId="9974" Comment="Added a relevant thread from CV SE" --> Word Count (208)
 UserId="1426" --> Word Count (156)
 UserId="1426" --> Word Count (11)
 UserId="1426" --> Word Count (1)
 UserId="15215" --> Word Count (131)
 UserId="13736" --> Word Count (179)
 UserId="13736" --> Word Count (22)
 UserId="13736" --> Word Count (1)
 UserId="15215" Comment="deleted 50 characters in body" --> Word Count (122)
 UserId="12527" --> Word Count (206)
 UserId="15656" --> Word Count (302)
 UserId="15478" Comment="No chit-chat on SE, fixed grammar." --> Word Count (285)
 UserId="15656" Comment="added 103 characters in body" --> Word Count (305)
 UserId="15663" --> Word Count (709)
 UserId="15663" --> Word Count (7)
 UserId="15663" --> Word Count (1)
 UserId="381" --> Word Count (79)
 UserId="381" Comment="edited title" --> Word Count (7)
 UserId="10584" --> Word Count (145)
 UserId="10584" --> Word Count (13)
 UserId="10584" --> Word Count (1)
 UserId="15664" --> Word Count (48)
 UserId="15664" --> Word Count (7)
 UserId="15664" --> Word Count (1)
 UserId="15664" --> Word Count (82)
 UserId="15664" --> Word Count (6)
 UserId="15664" --> Word Count (1)
 UserId="15664" Comment="edited tags" --> Word Count (1)
 UserId="13518" --> Word Count (534)
 UserId="13518" --> Word Count (4)

UserId="13518" --> Word Count (1)
 UserId="15656" Comment="added 1088 characters in body" --> Word Count (466)
 UserId="13518" Comment="deleted 159 characters in body" --> Word Count (514)
 UserId="15656" Comment="added 1088 characters in body" --> Word Count (494)
 UserId="15656" Comment="added 7 characters in body" --> Word Count (494)
 UserId="15656" --> Word Count (333)
 UserId="15656" Comment="added 247 characters in body" --> Word Count (378)
 UserId="15656" Comment="added 247 characters in body" --> Word Count (478)
 UserId="15527" Comment="Add Orange tag" --> Word Count (1)
 UserId="15656" Comment="added 247 characters in body" --> Word Count (537)
 UserId="15656" Comment="edited body" --> Word Count (494)
 UserId="15656" Comment="added 247 characters in body" --> Word Count (551)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="15656" Comment="added 23 characters in body" --> Word Count (498)
 UserId="381" --> Word Count (78)
 UserId="381" Comment="edited body" --> Word Count (80)
 UserId="10584" Comment="edited title" --> Word Count (4)
 UserId="15527" Comment="Tags: -data-mining (too broad), +orange" --> Word Count (6)
 UserId="15527" Comment="Tags: -data-mining (too broad), +orange" --> Word Count (1)
 UserId="15527" Comment="Fix grammar and style" --> Word Count (36)
 UserId="15527" Comment="added 385 characters in body" --> Word Count (50)
 UserId="15527" Comment="added 657 characters in body" --> Word Count (76)
 UserId="15445" --> Word Count (30)
 UserId="15445" --> Word Count (9)
 UserId="15445" --> Word Count (1)
 UserId="15686" --> Word Count (124)
 UserId="15686" --> Word Count (4)
 UserId="15686" --> Word Count (1)
 UserId="381" Comment="deleted 1 character in body" --> Word Count (80)
 UserId="11097" --> Word Count (222)
 UserId="11097" --> Word Count (286)
 UserId="11097" Comment="deleted 3 characters in body" --> Word Count (221)
 UserId="381" --> Word Count (45)
 UserId="8820" --> Word Count (133)
 UserId="8820" --> Word Count (5)
 UserId="8820" --> Word Count (1)
 UserId="381" --> Word Count (19)
 UserId="381" --> Word Count (34)
 UserId="15527" --> Word Count (75)
 UserId="12469" Comment="added 323 characters in body" --> Word Count (240)
 UserId="15527" Comment="Add time-series tag" --> Word Count (1)
 UserId="15715" --> Word Count (46)
 UserId="15715" --> Word Count (5)
 UserId="15715" --> Word Count (1)
 UserId="15638" --> Word Count (135)

UserId="15638" --> Word Count (18)
 UserId="15638" --> Word Count (1)
 UserId="15595" Comment="Added link to the article" --> Word Count (117)
 UserId="13727" --> Word Count (196)
 UserId="15720" --> Word Count (80)
 UserId="15720" --> Word Count (6)
 UserId="15720" --> Word Count (1)
 UserId="3591" --> Word Count (81)
 UserId="3591" --> Word Count (259)
 UserId="3591" --> Word Count (7)
 UserId="3591" --> Word Count (1)
 UserId="10620" --> Word Count (43)
 UserId="12206" --> Word Count (53)
 UserId="12206" --> Word Count (5)
 UserId="12206" --> Word Count (1)
 UserId="2573" --> Word Count (118)
 UserId="15730" --> Word Count (115)
 UserId="15730" --> Word Count (6)
 UserId="15730" --> Word Count (1)
 UserId="15527" Comment="Added about optimizing cost functions" --> Word Count (139)
 UserId="11097" Comment="added 32 characters in body" --> Word Count (147)
 UserId="15695" --> Word Count (213)
 UserId="15695" --> Word Count (20)
 UserId="15695" --> Word Count (1)
 UserId="15735" --> Word Count (117)
 UserId="15735" --> Word Count (6)
 UserId="15735" --> Word Count (1)
 UserId="13413" --> Word Count (732)
 UserId="15695" Comment="deleted 3 characters in body" --> Word Count (212)
 UserId="15543" --> Word Count (163)
 UserId="10620" --> Word Count (70)
 UserId="15738" --> Word Count (118)
 UserId="15738" --> Word Count (10)
 UserId="15738" --> Word Count (1)
 UserId="15739" --> Word Count (82)
 UserId="15739" --> Word Count (9)
 UserId="15739" --> Word Count (1)
 UserId="381" --> Word Count (41)
 UserId="13165" --> Word Count (207)
 UserId="13165" --> Word Count (14)
 UserId="13165" --> Word Count (1)
 UserId="1138" --> Word Count (69)
 UserId="1138" --> Word Count (4)
 UserId="1138" --> Word Count (1)
 UserId="381" --> Word Count (156)
 UserId="381" Comment="added 2 characters in body" --> Word Count (159)
 UserId="381" Comment="deleted 26 characters in body" --> Word Count (155)

UserId="15748" --> Word Count (140)
 UserId="15748" --> Word Count (10)
 UserId="15748" --> Word Count (1)
 UserId="381" --> Word Count (115)
 UserId="381" Comment="added 14 characters in body" --> Word Count (157)
 UserId="381" Comment="added 94 characters in body" --> Word Count (129)
 UserId="15695" Comment="deleted 4 characters in body" --> Word Count (233)
 UserId="13727" Comment="Added churn tag" --> Word Count (1)
 UserId="13034" --> Word Count (62)
 UserId="13034" --> Word Count (4)
 UserId="13034" --> Word Count (1)
 UserId="2573" --> Word Count (330)
 UserId="15756" --> Word Count (95)
 UserId="15756" --> Word Count (9)
 UserId="15756" --> Word Count (1)
 UserId="15115" --> Word Count (28)
 UserId="15115" --> Word Count (2)
 UserId="15115" --> Word Count (1)
 UserId="21" Comment="105" --> Word Count (2)
 UserId="8820" --> Word Count (131)
 UserId="15115" Comment="added 412 characters in body" --> Word Count (91)
 UserId="15735" --> Word Count (148)
 UserId="15735" --> Word Count (12)
 UserId="15735" --> Word Count (1)
 UserId="15543" Comment="added 87 characters in body" --> Word Count (178)
 UserId="6385" --> Word Count (186)
 UserId="108" --> Word Count (170)
 UserId="108" Comment="added 686 characters in body" --> Word Count (274)
 UserId="15766" --> Word Count (96)
 UserId="15766" Comment="added 1313 characters in body" --> Word Count (328)
 UserId="8820" Comment="adjusted formatting to make the meaning a bit more clear"
 --> Word Count (144)
 UserId="15766" Comment="deleted 1 character in body" --> Word Count (328)
 UserId="15768" --> Word Count (115)
 UserId="15768" --> Word Count (7)
 UserId="15768" --> Word Count (1)
 UserId="15656" Comment="added 256 characters in body" --> Word Count (595)
 UserId="381" --> Word Count (69)
 UserId="8820" Comment="Added tag for naive bayes classifier" --> Word Count (1)
 UserId="15315" --> Word Count (231)
 UserId="15315" --> Word Count (10)
 UserId="15315" --> Word Count (1)
 UserId="15527" --> Word Count (41)
 UserId="14644" --> Word Count (61)
 UserId="14644" --> Word Count (3)
 UserId="14644" --> Word Count (1)
 UserId="15115" Comment="added 12 characters in body" --> Word Count (94)
 UserId="11097" Comment="added 2 characters in body" --> Word Count (344)

UserId="8412" --> Word Count (141)
 UserId="8412" --> Word Count (9)
 UserId="8412" --> Word Count (1)
 UserId="8412" Comment="added 29 characters in body" --> Word Count (145)
 UserId="381" --> Word Count (78)
 UserId="381" Comment="deleted 3 characters in body" --> Word Count (78)
 UserId="8820" Comment="Added tag for naive bayes classifier" --> Word Count (1)
 UserId="8820" Comment="Added tag for naive bayes classifier" --> Word Count (1)
 UserId="8820" Comment="Added tag for naive bayes classifier" --> Word Count (1)
 UserId="8820" Comment="More meaningful title" --> Word Count (12)
 UserId="8820" Comment="More meaningful title" --> Word Count (1)
 UserId="8820" Comment="Added tag for naive bayes classifier" --> Word Count (1)
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 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="13727" --> Word Count (168)
 UserId="13727" Comment="Added churn tag" --> Word Count (1)
 UserId="8820" Comment="Add naive bayes classifier tag" --> Word Count (1)
 UserId="13727" Comment="Added churn tag" --> Word Count (1)
 UserId="8820" Comment="added 65 characters in body" --> Word Count (16)
 UserId="8820" Comment="added 316 characters in body" --> Word Count (23)
 UserId="8820" Comment="added 271 characters in body" --> Word Count (36)
 UserId="8820" Comment="added 117 characters in body" --> Word Count (18)
 UserId="3361" Comment="changed pronouns" --> Word Count (115)
 UserId="15090" --> Word Count (72)
 UserId="11097" Comment="added 5 characters in body; edited tags" --> Word Count (60)
 UserId="11097" Comment="added 5 characters in body; edited tags" --> Word Count (1)
 UserId="1426" Comment="added 569 characters in body" --> Word Count (265)
 UserId="1244" Comment="Type in title" --> Word Count (3)
 UserId="15784" --> Word Count (232)
 UserId="15690" --> Word Count (309)
 UserId="15690" --> Word Count (11)
 UserId="15690" --> Word Count (1)
 UserId="15786" --> Word Count (207)
 UserId="15786" --> Word Count (13)
 UserId="15786" --> Word Count (1)
 UserId="108" --> Word Count (379)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="6385" --> Word Count (207)
 UserId="15790" --> Word Count (222)
 UserId="15790" --> Word Count (31)
 UserId="15215" --> Word Count (161)
 UserId="15215" --> Word Count (4)
 UserId="15215" --> Word Count (1)

UserId="15797" --> Word Count (86)
 UserId="15797" --> Word Count (10)
 UserId="15797" --> Word Count (1)
 UserId="8820" --> Word Count (252)
 UserId="8820" --> Word Count (12)
 UserId="8820" --> Word Count (1)
 UserId="12527" --> Word Count (103)
 UserId="8820" Comment="added 488 characters in body; edited title" --> Word Count (360)
 UserId="8820" Comment="added 488 characters in body; edited title" --> Word Count (12)
 UserId="8820" Comment="added 244 characters in body" --> Word Count (398)
 UserId="8820" Comment="added 90 characters in body" --> Word Count (409)
 UserId="8820" Comment="added 65 characters in body" --> Word Count (430)
 UserId="8820" Comment="added 247 characters in body" --> Word Count (456)
 UserId="8820" Comment="added 53 characters in body" --> Word Count (464)
 UserId="9867" --> Word Count (166)
 UserId="9867" --> Word Count (53)
 UserId="9867" Comment="add an example" --> Word Count (143)
 UserId="15801" --> Word Count (138)
 UserId="15801" --> Word Count (8)
 UserId="15801" --> Word Count (1)
 UserId="15613" --> Word Count (196)
 UserId="15613" --> Word Count (2)
 UserId="15613" --> Word Count (1)
 UserId="15613" Comment="edited tags" --> Word Count (1)
 UserId="9867" Comment="formatting" --> Word Count (172)
 UserId="11097" Comment="deleted 38 characters in body; edited title" --> Word Count (128)
 UserId="11097" Comment="deleted 38 characters in body; edited title" --> Word Count (8)
 UserId="11097" --> Word Count (135)
 UserId="13727" --> Word Count (412)
 UserId="15361" --> Word Count (146)
 UserId="13727" Comment="Added association-rules tag" --> Word Count (1)
 UserId="8878" --> Word Count (144)
 UserId="1093" --> Word Count (112)
 UserId="1093" --> Word Count (9)
 UserId="1093" --> Word Count (1)
 UserId="13023" --> Word Count (174)
 UserId="9867" Comment="approximation" --> Word Count (220)
 UserId="14167" --> Word Count (98)
 UserId="14167" --> Word Count (8)
 UserId="14167" --> Word Count (1)
 UserId="9867" Comment="tweak" --> Word Count (223)
 UserId="13023" Comment="deleted 5 characters in body" --> Word Count (172)
 UserId="15613" Comment="edited tags" --> Word Count (1)
 UserId="3167" --> Word Count (383)

UserId="3167" --> Word Count (4)
 UserId="3167" --> Word Count (1)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="11097" Comment="added 79 characters in body" --> Word Count (11)
 UserId="11097" Comment="added 257 characters in body" --> Word Count (36)
 UserId="11097" Comment="added 379 characters in body" --> Word Count (58)
 UserId="15735" --> Word Count (288)
 UserId="15847" --> Word Count (175)
 UserId="15847" --> Word Count (4)
 UserId="15847" --> Word Count (1)
 UserId="14999" Comment="deleted 1 character in body" --> Word Count (113)
 UserId="7848" --> Word Count (101)
 UserId="13413" --> Word Count (114)
 UserId="13413" --> Word Count (6)
 UserId="13413" --> Word Count (1)
 UserId="11097" Comment="added 12 characters in body" --> Word Count (114)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="15735" --> Word Count (27)
 UserId="15735" --> Word Count (7)
 UserId="15735" --> Word Count (1)
 UserId="381" Comment="deleted 10 characters in body; edited tags; edited title"
 --> Word Count (175)
 UserId="381" Comment="deleted 10 characters in body; edited tags; edited title"
 --> Word Count (7)
 UserId="381" Comment="deleted 10 characters in body; edited tags; edited title"
 --> Word Count (1)
 UserId="843" Comment="add Google's Deep Learning course on Udacity (January
 2016)" --> Word Count (175)
 UserId="15861" --> Word Count (58)
 UserId="15861" --> Word Count (8)
 UserId="15861" --> Word Count (1)
 UserId="12378" --> Word Count (21)
 UserId="12378" --> Word Count (12)
 UserId="12378" --> Word Count (1)
 UserId="6550" --> Word Count (63)
 UserId="6550" --> Word Count (11)
 UserId="6550" --> Word Count (1)
 UserId="13023" Comment="corrected spelling fixed grammar, improved question."
 --> Word Count (97)
 UserId="13023" Comment="corrected spelling fixed grammar, improved question."

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--> Word Count (1)
UserId="381" --> Word Count (42)
UserId="15871" --> Word Count (208)
UserId="15871" --> Word Count (10)
UserId="15871" --> Word Count (1)
UserId="108" --> Word Count (771)
UserId="9186" --> Word Count (71)
UserId="15879" --> Word Count (127)
UserId="15879" --> Word Count (4)
UserId="15879" --> Word Count (1)
UserId="13727" --> Word Count (204)
UserId="13727" Comment="Added a link to wiki Named-entity_recognition" --> Word
Count (216)
UserId="4825" Comment="change display format, add lda, lsi tags" --> Word Count
(59)
UserId="4825" Comment="change display format, add lda, lsi tags" --> Word Count
(1)
UserId="15885" --> Word Count (124)
UserId="15885" --> Word Count (8)
UserId="15885" --> Word Count (1)
UserId="9197" --> Word Count (63)
UserId="9197" --> Word Count (7)
UserId="9197" --> Word Count (1)
UserId="381" --> Word Count (44)
UserId="381" --> Word Count (56)
UserId="13727" Comment="Added nlp, name-entity-recognition tags" --> Word Count
(1)
UserId="108" --> Word Count (152)
UserId="15908" --> Word Count (89)
UserId="15908" --> Word Count (16)
UserId="15908" --> Word Count (1)
UserId="15908" Comment="deleted 2 characters in body; edited tags" --> Word
Count (89)
UserId="15908" Comment="deleted 2 characters in body; edited tags" --> Word
Count (1)
UserId="14684" --> Word Count (193)
UserId="14684" --> Word Count (9)
UserId="14684" --> Word Count (1)
UserId="15908" Comment="deleted 2 characters in body; edited tags" --> Word
Count (89)
UserId="15908" Comment="deleted 2 characters in body; edited tags" --> Word
Count (1)
UserId="10500" --> Word Count (440)
UserId="10500" --> Word Count (5)
UserId="10500" --> Word Count (1)
UserId="10500" Comment="Clearer problem statement" --> Word Count (446)
UserId="14617" --> Word Count (330)
UserId="14617" --> Word Count (3)

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UserId="14617" --> Word Count (1)
 UserId="13123" --> Word Count (148)
 UserId="10500" Comment="add counterexample to the proposed solution" --> Word Count (486)
 UserId="10500" Comment="complete final question" --> Word Count (492)
 UserId="14684" Comment="added 276 characters in body" --> Word Count (217)
 UserId="836" --> Word Count (164)
 UserId="8878" Comment="totally renewd!" --> Word Count (40)
 UserId="836" Comment="added 377 characters in body" --> Word Count (237)
 UserId="13688" --> Word Count (314)
 UserId="13688" --> Word Count (13)
 UserId="13688" --> Word Count (1)
 UserId="15908" Comment="added 454 characters in body" --> Word Count (138)
 UserId="15908" Comment="added 454 characters in body" --> Word Count (17)
 UserId="15908" Comment="added 454 characters in body" --> Word Count (141)
 UserId="13413" Comment="Edited for grammar and clarity." --> Word Count (489)
 UserId="13413" Comment="Edited for grammar and clarity." --> Word Count (5)
 UserId="13413" --> Word Count (80)
 UserId="13413" Comment="Fixed typo and removed valediction." --> Word Count (312)
 UserId="14617" Comment="edited body" --> Word Count (334)
 UserId="5211" --> Word Count (69)
 UserId="5211" --> Word Count (8)
 UserId="5211" --> Word Count (1)
 UserId="381" --> Word Count (48)
 UserId="15921" --> Word Count (42)
 UserId="15921" --> Word Count (6)
 UserId="15921" --> Word Count (1)
 UserId="14672" --> Word Count (57)
 UserId="14672" --> Word Count (4)
 UserId="14672" --> Word Count (1)
 UserId="15927" --> Word Count (148)
 UserId="15927" --> Word Count (3)
 UserId="15927" --> Word Count (1)
 UserId="15361" --> Word Count (88)
 UserId="15930" --> Word Count (183)
 UserId="15930" --> Word Count (4)
 UserId="15930" --> Word Count (1)
 UserId="14357" --> Word Count (60)
 UserId="14357" --> Word Count (9)
 UserId="14357" --> Word Count (1)
 UserId="8820" --> Word Count (133)
 UserId="8820" --> Word Count (10)
 UserId="8820" --> Word Count (1)
 UserId="8820" Comment="added 693 characters in body" --> Word Count (260)
 UserId="75" Comment="Fixed grammar" --> Word Count (55)
 UserId="75" Comment="Fixed grammar" --> Word Count (10)
 UserId="8878" Comment="Fixed grammar" --> Word Count (54)

UserId="15931" --> Word Count (1087)
 UserId="15931" --> Word Count (7)
 UserId="15931" --> Word Count (1)
 UserId="75" --> Word Count (115)
 UserId="13727" Comment="Removed beginner, databases tags - beginner is not related, databases is too general" --> Word Count (1)
 UserId="13727" Comment="fixed typo feature -> features" --> Word Count (5)
 UserId="8878" Comment="fixed typo feature -> features" --> Word Count (81)
 UserId="15927" Comment="added 67 characters in body" --> Word Count (154)
 UserId="13413" --> Word Count (320)
 UserId="15927" Comment="deleted 67 characters in body" --> Word Count (148)
 UserId="15613" Comment="added 235 characters in body" --> Word Count (234)
 UserId="9186" --> Word Count (305)
 UserId="15942" --> Word Count (68)
 UserId="5211" Comment="added example picture" --> Word Count (77)
 UserId="15946" --> Word Count (136)
 UserId="15946" --> Word Count (4)
 UserId="15946" --> Word Count (1)
 UserId="15955" --> Word Count (113)
 UserId="13727" --> Word Count (161)
 UserId="15361" --> Word Count (109)
 UserId="924" Comment="added 1 character in body" --> Word Count (55)
 UserId="924" --> Word Count (124)
 UserId="13508" --> Word Count (146)
 UserId="13508" Text="Keyword/phrase extraction from" --> Word Count (5)
 UserId="13508" --> Word Count (1)
 UserId="15202" --> Word Count (126)
 UserId="924" Comment="added 274 characters in body" --> Word Count (150)
 UserId="2573" --> Word Count (161)
 UserId="13413" Comment="Edited for grammar and clarity." --> Word Count (146)
 UserId="13413" Comment="Edited for grammar. Added a tag." --> Word Count (184)
 UserId="13413" Comment="Edited for grammar. Added a tag." --> Word Count (1)
 UserId="8878" Comment="Just restructure paragraphs for readers" --> Word Count (184)
 UserId="924" Comment="added 107 characters in body" --> Word Count (169)
 UserId="12377" --> Word Count (84)
 UserId="12377" --> Word Count (12)
 UserId="12377" --> Word Count (1)
 UserId="15609" Text="In follow up to my [previous question][1], I was able to label survey responses based on 70 categories using R" --> Word Count (77)
 UserId="15609" Text="R" --> Word Count (3)
 UserId="15609" --> Word Count (1)
 UserId="8762" --> Word Count (71)
 UserId="15361" Comment="added 2 characters in body; edited body; added 4 characters in body" --> Word Count (110)
 UserId="15980" --> Word Count (64)
 UserId="15980" --> Word Count (3)
 UserId="15980" --> Word Count (1)

UserId="13046" --> Word Count (78)
 UserId="13046" --> Word Count (2)
 UserId="13046" --> Word Count (1)
 UserId="13046" Comment="added 74 characters in body" --> Word Count (87)
 UserId="15984" --> Word Count (181)
 UserId="15984" --> Word Count (3)
 UserId="15984" --> Word Count (1)
 UserId="5144" --> Word Count (28)
 UserId="5144" Comment="added 193 characters in body" --> Word Count (61)
 UserId="11097" --> Word Count (109)
 UserId="15609" Comment="added 3 characters in body" Text="In follow up to my [previous question] [1], I was able to label survey responses based on 70 categories using R --> Word Count (74)
 UserId="11097" Comment="added 258 characters in body" --> Word Count (151)
 UserId="13727" Comment="Added nlp tag" --> Word Count (1)
 UserId="15946" Comment="edited title" --> Word Count (6)
 UserId="15946" Comment="added 12 characters in body" --> Word Count (138)
 UserId="2452" Comment="102" --> Word Count (3)
 UserId="11097" Comment="added 705 characters in body" --> Word Count (163)
 UserId="13046" Comment="added 1 character in body" --> Word Count (86)
 UserId="13046" --> Word Count (191)
 UserId="13046" --> Word Count (8)
 UserId="13046" --> Word Count (1)
 UserId="13046" --> Word Count (80)
 UserId="13046" --> Word Count (4)
 UserId="13046" --> Word Count (1)
 UserId="11097" --> Word Count (560)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="11097" Comment="added 51 characters in body" --> Word Count (567)
 UserId="10240" --> Word Count (141)
 UserId="10240" --> Word Count (10)
 UserId="10240" --> Word Count (1)
 UserId="964" --> Word Count (30)
 UserId="14994" --> Word Count (59)
 UserId="11097" Comment="edited body" --> Word Count (567)
 UserId="964" Comment="added 12 characters in body" --> Word Count (32)
 UserId="16017" --> Word Count (76)
 UserId="16017" --> Word Count (5)
 UserId="16017" --> Word Count (1)
 UserId="10240" --> Word Count (38)
 UserId="10240" --> Word Count (9)
 UserId="10240" --> Word Count (1)
 UserId="15927" --> Word Count (379)
 UserId="15927" --> Word Count (5)
 UserId="15927" --> Word Count (1)
 UserId="10384" --> Word Count (25)
 UserId="15927" Comment="added 112 characters in body" --> Word Count (394)
 UserId="15927" Comment="added 122 characters in body" --> Word Count (412)

UserId="12290" --> Word Count (67)
 UserId="16024" --> Word Count (85)
 UserId="16024" --> Word Count (11)
 UserId="16024" --> Word Count (1)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="16031" --> Word Count (84)
 UserId="16031" --> Word Count (10)
 UserId="16031" --> Word Count (1)
 UserId="14913" --> Word Count (228)
 UserId="16032" --> Word Count (147)
 UserId="16032" --> Word Count (8)
 UserId="16032" --> Word Count (1)
 UserId="16040" --> Word Count (147)
 UserId="16042" --> Word Count (133)
 UserId="16042" --> Word Count (10)
 UserId="16042" --> Word Count (1)
 UserId="16046" --> Word Count (272)
 UserId="16046" --> Word Count (8)
 UserId="16046" --> Word Count (1)
 UserId="15927" Comment="deleted 114 characters in body" --> Word Count (397)
 UserId="16048" --> Word Count (29)
 UserId="16048" --> Word Count (6)
 UserId="16048" --> Word Count (1)
 UserId="14647" --> Word Count (74)
 UserId="14647" --> Word Count (4)
 UserId="14647" --> Word Count (1)
 UserId="15927" --> Word Count (348)
 UserId="15927" --> Word Count (7)
 UserId="15927" --> Word Count (1)
 UserId="21" Comment="104" --> Word Count (4)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="11097" Comment="added 221 characters in body" --> Word Count (30)
 UserId="75" --> Word Count (161)
 UserId="16041" --> Word Count (191)
 UserId="16050" --> Word Count (158)
 UserId="16050" --> Word Count (11)
 UserId="16050" --> Word Count (1)
 UserId="16058" --> Word Count (51)
 UserId="16058" --> Word Count (6)
 UserId="16058" --> Word Count (1)
 UserId="9218" --> Word Count (132)
 UserId="9218" --> Word Count (5)
 UserId="9218" --> Word Count (1)
 UserId="836" --> Word Count (98)
 UserId="15927" Comment="edited title" --> Word Count (7)
 UserId="381" --> Word Count (42)
 UserId="16042" Comment="Fixed spelling and enumerating" --> Word Count (212)
 UserId="381" Comment="deleted 17 characters in body" --> Word Count (41)

UserId="8820" --> Word Count (123)
 UserId="8820" --> Word Count (82)
 UserId="8820" --> Word Count (6)
 UserId="8820" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="16068" --> Word Count (175)
 UserId="16068" --> Word Count (5)
 UserId="16068" --> Word Count (1)
 UserId="13123" --> Word Count (99)
 UserId="9420" --> Word Count (244)
 UserId="8820" Comment="added 68 characters in body" --> Word Count (10)
 UserId="8820" Comment="Added RBM tag" --> Word Count (1)
 UserId="8820" Comment="Added RBM tag" --> Word Count (1)
 UserId="8820" Comment="Added RBM tag" --> Word Count (1)
 UserId="8820" Comment="added 272 characters in body" --> Word Count (21)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="8820" Comment="use tag "self-study"" --> Word Count (202)
 UserId="8820" Comment="use tag "self-study"" --> Word Count (1)
 UserId="8820" Comment="add tag interpolation" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="13291" --> Word Count (56)
 UserId="13291" --> Word Count (7)
 UserId="13291" --> Word Count (1)
 UserId="14789" --> Word Count (89)
 UserId="14789" --> Word Count (16)
 UserId="14789" --> Word Count (1)
 UserId="8820" Comment="added 88 characters in body" --> Word Count (13)
 UserId="8820" Comment="added 141 characters in body" --> Word Count (22)
 UserId="8820" Comment="Use description from StackOverflow
 (<http://stackoverflow.com/tags/untagged/info>)" --> Word Count (50)
 UserId="8820" Comment="Use description from StackOverflow
 (<http://stackoverflow.com/tags/untagged/info>)" --> Word Count (214)
 UserId="11097" Comment="deleted 4 characters in body" Text="I agree with Sean's
 answer.
[NLP][1] and [text mining][2] are usually used for different
 goals.
Also, there is indeed an overlap and both definitions are
 vogue.

Other than the difference in goal, there is a
 difference in methods.
Text mining techniques are usually shallow and
 do not consider the text structure.Usually, text mining will use bag of words,
 n-grams and possibly stemming over that.

In NLP methods
 usually involve the test structure. You can find there sentence splitting, part
 of speech tagging and parse tree construction. 

Typical
 text mining method will consider the following sentences to indicate happiness
 while typical NLP methods detects that they are not

 1. I am
 not happy
 2. I will be happy when it will rain
 3. If it will
 rain, I'll be happy.
 4. She asked whether I am happy
 5. Are

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you happy?&#xD;&#xA;&#xD;&#xA; [1]:
https://en.wikipedia.org/wiki/Natural_language_processing&#xD;&#xA; [2]:
https://en.wikipedia.org/wiki/ --> Word Count (1)
UserId="16087" --> Word Count (83)
UserId="16087" --> Word Count (7)
UserId="16087" --> Word Count (1)
UserId="710" --> Word Count (191)
UserId="16050" Comment="added 2 characters in body" --> Word Count (159)
UserId="21" Comment="104" --> Word Count (2)
UserId="16096" --> Word Count (52)
UserId="16096" --> Word Count (4)
UserId="16096" --> Word Count (1)
UserId="16097" --> Word Count (155)
UserId="16097" --> Word Count (6)
UserId="16097" --> Word Count (1)
UserId="16103" --> Word Count (12)
UserId="16103" --> Word Count (3)
UserId="16103" --> Word Count (1)
UserId="15927" Comment="added 60 characters in body" --> Word Count (355)
UserId="15527" --> Word Count (105)
UserId="11097" --> Word Count (93)
UserId="11097" Comment="added 1 character in body; edited tags" --> Word Count
(10)
UserId="11097" Comment="added 1 character in body; edited tags" --> Word Count
(1)
UserId="8820" --> Word Count (112)
UserId="8820" --> Word Count (4)
UserId="8820" --> Word Count (1)
UserId="8820" Comment="added 54 characters in body" --> Word Count (120)
UserId="8820" --> Word Count (104)
UserId="8820" --> Word Count (115)
UserId="8820" --> Word Count (174)
UserId="8820" --> Word Count (4)
UserId="8820" --> Word Count (1)
UserId="8820" --> Word Count (509)
UserId="15695" --> Word Count (270)
UserId="15695" --> Word Count (15)
UserId="15695" --> Word Count (1)
UserId="11097" Comment="added 15 characters in body" --> Word Count (245)
UserId="15906" --> Word Count (86)
UserId="15906" --> Word Count (13)
UserId="15906" --> Word Count (1)
UserId="16124" --> Word Count (193)
UserId="11097" Comment="deleted 10 characters in body" --> Word Count (48)
UserId="16050" --> Word Count (85)
UserId="16050" --> Word Count (16)
UserId="16050" --> Word Count (1)
UserId="16126" --> Word Count (166)

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UserId="16126" --> Word Count (4)
 UserId="16126" --> Word Count (1)
 UserId="13915" --> Word Count (457)
 UserId="13915" --> Word Count (8)
 UserId="13915" --> Word Count (1)
 UserId="16129" --> Word Count (103)
 UserId="16129" --> Word Count (17)
 UserId="16129" --> Word Count (1)
 UserId="1264" --> Word Count (128)
 UserId="1264" --> Word Count (12)
 UserId="1264" --> Word Count (1)
 UserId="16134" --> Word Count (42)
 UserId="924" --> Word Count (34)
 UserId="16135" --> Word Count (179)
 UserId="16135" --> Word Count (7)
 UserId="16135" --> Word Count (1)
 UserId="964" --> Word Count (140)
 UserId="16140" --> Word Count (35)
 UserId="15927" --> Word Count (6)
 UserId="16143" --> Word Count (23)
 UserId="16143" --> Word Count (11)
 UserId="16143" --> Word Count (1)
 UserId="14789" Comment="added tags" --> Word Count (1)
 UserId="15361" --> Word Count (130)
 UserId="15361" --> Word Count (175)
 UserId="13011" Comment="added 36 characters in body; edited tags" --> Word Count (188)
 UserId="13011" Comment="added 36 characters in body; edited tags" --> Word Count (1)
 UserId="16147" --> Word Count (176)
 UserId="16147" --> Word Count (10)
 UserId="16147" --> Word Count (1)
 UserId="10584" --> Word Count (225)
 UserId="10584" --> Word Count (4)
 UserId="10584" --> Word Count (1)
 UserId="588" --> Word Count (201)
 UserId="588" --> Word Count (7)
 UserId="588" --> Word Count (1)
 UserId="6385" --> Word Count (41)
 UserId="16135" --> Word Count (170)
 UserId="10620" --> Word Count (164)
 UserId="16170" --> Word Count (29)
 UserId="16170" --> Word Count (5)
 UserId="16170" --> Word Count (1)
 UserId="13630" --> Word Count (190)
 UserId="8041" --> Word Count (77)
 UserId="15906" Comment="added 357 characters in body" --> Word Count (140)
 UserId="16148" --> Word Count (142)

UserId="16148" --> Word Count (8)
 UserId="16148" --> Word Count (1)
 UserId="8820" Comment="formatting" --> Word Count (199)
 UserId="8820" Comment="Formatting" --> Word Count (105)
 UserId="15927" --> Word Count (54)
 UserId="15927" --> Word Count (4)
 UserId="15927" --> Word Count (1)
 UserId="13413" --> Word Count (32)
 UserId="13413" Comment="via Vote" --> Word Count (1)
 UserId="13413" --> Word Count (1)
 UserId="15927" Comment="added 180 characters in body" --> Word Count (71)
 UserId="381" --> Word Count (169)
 UserId="381" Comment="added 18 characters in body" --> Word Count (173)
 UserId="13505" --> Word Count (132)
 UserId="13505" Comment="Added math to support the claim and answered the second question" --> Word Count (217)
 UserId="16179" --> Word Count (206)
 UserId="16179" --> Word Count (7)
 UserId="16179" --> Word Count (1)
 UserId="13505" --> Word Count (288)
 UserId="13505" Comment="Added a blurb about regularization" --> Word Count (327)
 UserId="13505" --> Word Count (247)
 UserId="13505" Comment="Added a comment about clients" --> Word Count (321)
 UserId="11097" --> Word Count (384)
 UserId="11097" Comment="deleted 35 characters in body" --> Word Count (204)
 UserId="11097" Comment="added 4 characters in body" --> Word Count (384)
 UserId="-1" Comment="fixed grammer" --> Word Count (16)
 UserId="16195" --> Word Count (85)
 UserId="16195" --> Word Count (3)
 UserId="16195" --> Word Count (1)
 UserId="3151" --> Word Count (50)
 UserId="3151" --> Word Count (9)
 UserId="3151" --> Word Count (1)
 UserId="14789" Comment="edited tags" --> Word Count (1)
 UserId="16197" --> Word Count (234)
 UserId="16197" --> Word Count (4)
 UserId="16197" --> Word Count (1)
 UserId="16203" --> Word Count (199)
 UserId="16203" --> Word Count (6)
 UserId="16203" --> Word Count (1)
 UserId="13643" --> Word Count (70)
 UserId="16024" --> Word Count (141)
 UserId="15543" --> Word Count (66)
 UserId="15543" Comment="deleted 80 characters in body" --> Word Count (55)
 UserId="8820" --> Word Count (43)
 UserId="8820" --> Word Count (9)
 UserId="8820" --> Word Count (1)

UserId="15202" --> Word Count (136)
 UserId="12632" --> Word Count (143)
 UserId="15234" --> Word Count (136)
 UserId="3151" Comment="added 299 characters in body" --> Word Count (96)
 UserId="15543" Comment="edited body" --> Word Count (55)
 UserId="15613" --> Word Count (123)
 UserId="15613" --> Word Count (2)
 UserId="15613" --> Word Count (1)
 UserId="964" --> Word Count (109)
 UserId="12527" Comment="corrected the spelling mistake in the question (dichtonomy)" --> Word Count (182)
 UserId="12527" Comment="corrected the spelling mistake in the question (dichtonomy)" --> Word Count (4)
 UserId="9992" --> Word Count (33)
 UserId="9992" --> Word Count (5)
 UserId="9992" --> Word Count (1)
 UserId="16217" --> Word Count (140)
 UserId="16217" --> Word Count (8)
 UserId="16217" --> Word Count (1)
 UserId="16218" --> Word Count (104)
 UserId="16218" --> Word Count (8)
 UserId="16218" --> Word Count (1)
 UserId="16024" --> Word Count (61)
 UserId="1138" --> Word Count (142)
 UserId="1138" --> Word Count (8)
 UserId="1138" --> Word Count (1)
 UserId="16220" --> Word Count (176)
 UserId="9420" --> Word Count (347)
 UserId="16101" --> Word Count (110)
 UserId="16101" --> Word Count (9)
 UserId="16101" --> Word Count (1)
 UserId="16024" Comment="tags added and some clarity is added to the question.." --> Word Count (77)
 UserId="16024" Comment="tags added and some clarity is added to the question.." --> Word Count (1)
 UserId="8878" Comment="tags added and some clarity is added to the question.." --> Word Count (77)
 UserId="16119" --> Word Count (68)
 UserId="21" Comment="105" --> Word Count (2)
 UserId="16152" --> Word Count (171)
 UserId="16152" --> Word Count (8)
 UserId="16152" --> Word Count (1)
 UserId="1097" --> Word Count (118)
 UserId="1097" --> Word Count (11)
 UserId="1097" --> Word Count (1)
 UserId="16235" --> Word Count (137)
 UserId="16235" --> Word Count (9)
 UserId="16235" --> Word Count (1)

UserId="16024" --> Word Count (151)
 UserId="15613" Comment="deleted 1 character in body" --> Word Count (122)
 UserId="16236" --> Word Count (23)
 UserId="16236" --> Word Count (4)
 UserId="16236" --> Word Count (1)
 UserId="16238" --> Word Count (104)
 UserId="16238" --> Word Count (5)
 UserId="16238" --> Word Count (1)
 UserId="8278" --> Word Count (192)
 UserId="15927" Comment="added 161 characters in body" --> Word Count (82)
 UserId="16249" --> Word Count (179)
 UserId="16249" --> Word Count (7)
 UserId="16249" --> Word Count (1)
 UserId="3151" --> Word Count (58)
 UserId="16251" --> Word Count (45)
 UserId="16251" --> Word Count (10)
 UserId="16251" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="16251" Comment="edited title" --> Word Count (9)
 UserId="16024" Comment="added 193 characters in body" --> Word Count (26)
 UserId="16266" --> Word Count (237)
 UserId="16266" --> Word Count (5)
 UserId="16266" --> Word Count (1)
 UserId="16267" Comment="fig1->fig in __ini__" --> Word Count (1276)
 UserId="21" Comment="fig1->fig in __ini__" --> Word Count (1267)
 UserId="9351" --> Word Count (29)
 UserId="16267" --> Word Count (85)
 UserId="16280" --> Word Count (87)
 UserId="16280" --> Word Count (5)
 UserId="16280" --> Word Count (1)
 UserId="3024" Comment="Fixed a 0 (letter o) instead of 0 (digit zero)" --> Word Count (251)
 UserId="8820" --> Word Count (113)
 UserId="8820" --> Word Count (20)
 UserId="8820" --> Word Count (1)
 UserId="16279" --> Word Count (126)
 UserId="14372" --> Word Count (82)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="16291" --> Word Count (159)
 UserId="16291" --> Word Count (12)
 UserId="16291" --> Word Count (1)
 UserId="2573" --> Word Count (134)
 UserId="471" Comment="Spell the thing you are asking about properly in the title" --> Word Count (5)
 UserId="16294" --> Word Count (88)
 UserId="16294" --> Word Count (23)
 UserId="16294" --> Word Count (1)

UserId="16294" Comment="added 3 characters in body" --> Word Count (89)
 UserId="16266" Comment="added explanation" --> Word Count (310)
 UserId="12384" --> Word Count (152)
 UserId="12384" --> Word Count (61)
 UserId="12384" Comment="updated reference to software" --> Word Count (169)
 UserId="16312" --> Word Count (67)
 UserId="16312" --> Word Count (13)
 UserId="16312" --> Word Count (1)
 UserId="11097" Comment="deleted 42 characters in body; edited tags" --> Word Count (63)
 UserId="11097" Comment="deleted 42 characters in body; edited tags" --> Word Count (1)
 UserId="14688" --> Word Count (41)
 UserId="14688" --> Word Count (15)
 UserId="14688" --> Word Count (1)
 UserId="10024" --> Word Count (209)
 UserId="12527" Comment="changed the term "entropy" for "information gain" that seemed to me more appropriate here; added links to neighboring topics on the wiki page" --> Word Count (37)
 UserId="15690" --> Word Count (140)
 UserId="15690" --> Word Count (5)
 UserId="15690" --> Word Count (1)
 UserId="15690" Comment="edited tags" --> Word Count (1)
 UserId="10024" --> Word Count (50)
 UserId="8820" Comment="Added loss function (thank you Laurent Duval)" --> Word Count (115)
 UserId="8820" Comment="Added loss function (thank you Laurent Duval)" --> Word Count (21)
 UserId="16249" Comment="Updated the question with extra information." --> Word Count (387)
 UserId="14047" --> Word Count (89)
 UserId="16148" --> Word Count (105)
 UserId="16148" --> Word Count (2)
 UserId="16148" --> Word Count (1)
 UserId="11097" --> Word Count (99)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="12411" --> Word Count (140)
 UserId="12411" --> Word Count (8)
 UserId="12411" --> Word Count (1)
 UserId="13727" --> Word Count (131)
 UserId="11097" Comment="added 166 characters in body" --> Word Count (107)
 UserId="11097" Comment="added 1 character in body" --> Word Count (36)
 UserId="10024" Comment="Put it in a better way." --> Word Count (47)
 UserId="16337" --> Word Count (35)
 UserId="16337" --> Word Count (9)
 UserId="16337" --> Word Count (1)
 UserId="11097" Comment="deleted 1 character in body" --> Word Count (34)
 UserId="16176" --> Word Count (325)

UserId="16176" --> Word Count (7)
UserId="16176" --> Word Count (1)
UserId="11097" Comment="deleted 2 characters in body; edited tags" --> Word Count (322)
UserId="11097" Comment="deleted 2 characters in body; edited tags" --> Word Count (1)
UserId="21" --> Word Count (191)
UserId="21" Comment="104" --> Word Count (2)
UserId="15244" --> Word Count (16)
UserId="15244" --> Word Count (7)
UserId="15244" --> Word Count (1)
UserId="11097" Comment="added 10 characters in body; edited tags" --> Word Count (20)
UserId="11097" Comment="added 10 characters in body; edited tags" --> Word Count (1)
UserId="16312" Comment="added 722 characters in body" --> Word Count (186)
UserId="15656" --> Word Count (43)
UserId="8820" --> Word Count (123)
UserId="15656" Comment="added 347 characters in body" --> Word Count (87)
UserId="13061" --> Word Count (41)
UserId="848" --> Word Count (106)
UserId="848" --> Word Count (13)
UserId="848" --> Word Count (1)
UserId="8878" --> Word Count (207)
UserId="8878" Comment="Improve clarity" --> Word Count (130)
UserId="8820" --> Word Count (99)
UserId="8820" --> Word Count (11)
UserId="8820" --> Word Count (1)
UserId="21" Comment="102" --> Word Count (2)
UserId="16135" --> Word Count (196)
UserId="13165" --> Word Count (135)
UserId="13165" --> Word Count (8)
UserId="13165" --> Word Count (1)
UserId="381" --> Word Count (52)
UserId="381" --> Word Count (36)
UserId="6550" --> Word Count (141)
UserId="21" --> Word Count (89)
UserId="381" --> Word Count (55)
UserId="14047" --> Word Count (187)
UserId="16353" --> Word Count (65)
UserId="16353" --> Word Count (8)
UserId="16353" --> Word Count (1)
UserId="16135" Comment="added 307 characters in body" --> Word Count (214)
UserId="15656" --> Word Count (79)
UserId="8752" --> Word Count (68)
UserId="14652" --> Word Count (20)
UserId="14652" --> Word Count (11)
UserId="14652" --> Word Count (1)

UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="3169" Comment="added a missing word" --> Word Count (246)
 UserId="9123" Comment="via Vote" --> Word Count (2)
 UserId="9123" Comment="added 921 characters in body" --> Word Count (185)
 UserId="9123" --> Word Count (2)
 UserId="11097" Comment="deleted 37 characters in body" --> Word Count (161)
 UserId="15656" Comment="added 1 character in body" --> Word Count (79)
 UserId="6550" Comment="added 233 characters in body" --> Word Count (167)
 UserId="15906" --> Word Count (84)
 UserId="15906" --> Word Count (6)
 UserId="15906" --> Word Count (1)
 UserId="15906" Comment="added 110 characters in body" --> Word Count (100)
 UserId="5144" --> Word Count (95)
 UserId="5144" --> Word Count (6)
 UserId="5144" --> Word Count (1)
 UserId="5144" Comment="clarity" --> Word Count (134)
 UserId="5144" Comment="clarity" --> Word Count (7)
 UserId="9123" Comment="added 32 characters in body" --> Word Count (188)
 UserId="676" --> Word Count (191)
 UserId="11097" Comment="added 14 characters in body" --> Word Count (116)
 UserId="16366" --> Word Count (77)
 UserId="16366" --> Word Count (108)
 UserId="21" --> Word Count (175)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="15527" Comment="More relevant title" --> Word Count (114)
 UserId="15527" Comment="More relevant title" --> Word Count (4)
 UserId="2723" --> Word Count (234)
 UserId="2723" --> Word Count (16)
 UserId="2723" --> Word Count (1)
 UserId="2723" Comment="deleted 72 characters in body" --> Word Count (223)
 UserId="14089" --> Word Count (39)
 UserId="16370" --> Word Count (189)
 UserId="11097" Comment="added 37 characters in body" --> Word Count (228)
 UserId="16251" Comment="added 290 characters in body" --> Word Count (103)
 UserId="16380" --> Word Count (38)
 UserId="16380" --> Word Count (11)
 UserId="16380" --> Word Count (1)
 UserId="11097" --> Word Count (206)
 UserId="16392" --> Word Count (69)
 UserId="108" --> Word Count (932)
 UserId="14293" --> Word Count (202)
 UserId="14293" --> Word Count (7)
 UserId="14293" --> Word Count (1)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="15361" --> Word Count (55)
 UserId="16404" --> Word Count (131)
 UserId="16404" --> Word Count (7)

UserId="16404" --> Word Count (1)
UserId="11097" Comment="edited tags" --> Word Count (1)
UserId="14913" --> Word Count (101)
UserId="2723" Comment="added 32 characters in body; edited title" --> Word Count (230)
UserId="2723" Comment="added 32 characters in body; edited title" --> Word Count (14)
UserId="16404" Comment="edited body" --> Word Count (131)
UserId="16404" Comment="edited body" --> Word Count (132)
UserId="16096" --> Word Count (30)
UserId="16096" --> Word Count (7)
UserId="16096" --> Word Count (1)
UserId="16096" Comment="added 175 characters in body" --> Word Count (59)
UserId="11097" Comment="added 1 character in body; edited title" --> Word Count (58)
UserId="11097" Comment="added 1 character in body; edited title" --> Word Count (7)
UserId="11097" Comment="added 15 characters in body" --> Word Count (55)
UserId="381" --> Word Count (85)
UserId="16407" --> Word Count (137)
UserId="16407" --> Word Count (9)
UserId="16407" --> Word Count (1)
UserId="381" --> Word Count (65)
UserId="8878" Comment="Improving clarity" --> Word Count (132)
UserId="381" --> Word Count (32)
UserId="16404" Comment="added 1 character in body" --> Word Count (132)
UserId="16411" --> Word Count (58)
UserId="16411" --> Word Count (10)
UserId="16411" --> Word Count (1)
UserId="16267" Comment="added 6 characters in body" --> Word Count (85)
UserId="11097" Comment="added 11 characters in body" --> Word Count (121)
UserId="11097" --> Word Count (120)
UserId="11097" Comment="added 2 characters in body" --> Word Count (121)
UserId="11097" Comment="edited tags" --> Word Count (1)
UserId="14357" --> Word Count (40)
UserId="14357" --> Word Count (7)
UserId="14357" --> Word Count (1)
UserId="16424" --> Word Count (64)
UserId="16424" --> Word Count (7)
UserId="16424" --> Word Count (1)
UserId="16424" Comment="edited tags" --> Word Count (1)
UserId="21" Comment="103" --> Word Count (2)
UserId="924" Comment="edited body; edited title" --> Word Count (40)
UserId="924" Comment="edited body; edited title" --> Word Count (8)
UserId="16427" --> Word Count (44)
UserId="16427" --> Word Count (10)
UserId="16427" --> Word Count (1)
UserId="15361" Comment="added one more link" --> Word Count (72)

UserId="16427" Comment="added 12 characters in body" --> Word Count (45)
 UserId="16424" Comment="Clarified my question" --> Word Count (227)
 UserId="16424" Comment="added 582 characters in body" --> Word Count (334)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="16427" Comment="added 207 characters in body; edited tags" --> Word Count (84)
 UserId="16427" Comment="added 207 characters in body; edited tags" --> Word Count (1)
 UserId="16427" Comment="added 132 characters in body" --> Word Count (110)
 UserId="16427" Comment="added 87 characters in body; edited title" --> Word Count (125)
 UserId="16427" Comment="added 87 characters in body; edited title" --> Word Count (10)
 UserId="16427" Comment="added 85 characters in body" --> Word Count (137)
 UserId="836" Comment="Tidy up spelling. Removed note about edit and justification (question is being voted to re-open anyway - just 2 votes to go - but if you'd like to signal this, you can comment on your own question)" --> Word Count (295)
 UserId="10845" --> Word Count (72)
 UserId="10845" --> Word Count (7)
 UserId="10845" --> Word Count (1)
 UserId="10845" Comment="added 51 characters in body" --> Word Count (78)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="1151" --> Word Count (50)
 UserId="1151" --> Word Count (16)
 UserId="1151" --> Word Count (1)
 UserId="1151" Comment="added 328 characters in body" --> Word Count (80)
 UserId="11097" Comment="added 116 characters in body" --> Word Count (14)
 UserId="11097" Comment="added 350 characters in body" --> Word Count (103)
 UserId="7842" Comment="fixed links" --> Word Count (216)
 UserId="11097" Comment="added 100 characters in body" --> Word Count (17)
 UserId="21" Comment="deleted 7 characters in body" --> Word Count (15)
 UserId="11097" Comment="added 357 characters in body" --> Word Count (41)
 UserId="21" Comment="edited body" --> Word Count (41)
 UserId="21" Comment="105" --> Word Count (2)
 UserId="16443" --> Word Count (109)
 UserId="16443" --> Word Count (9)
 UserId="16443" --> Word Count (1)
 UserId="15408" --> Word Count (31)
 UserId="15408" --> Word Count (11)
 UserId="15408" --> Word Count (1)
 UserId="14946" --> Word Count (65)
 UserId="14946" --> Word Count (8)
 UserId="14946" --> Word Count (1)
 UserId="16449" --> Word Count (594)
 UserId="16449" --> Word Count (5)

UserId="16449" --> Word Count (1)
 UserId="16449" Comment="added 130 characters in body" --> Word Count (613)
 UserId="12384" --> Word Count (129)
 UserId="16452" --> Word Count (82)
 UserId="16452" --> Word Count (6)
 UserId="16452" --> Word Count (1)
 UserId="14913" --> Word Count (93)
 UserId="14913" Comment="added 176 characters in body" --> Word Count (121)
 UserId="16199" --> Word Count (382)
 UserId="16199" --> Word Count (8)
 UserId="16199" --> Word Count (1)
 UserId="11007" --> Word Count (26)
 UserId="13515" --> Word Count (1067)
 UserId="13515" --> Word Count (10)
 UserId="13515" --> Word Count (1)
 UserId="8113" --> Word Count (61)
 UserId="8113" Comment="fixed MathJax formatting" --> Word Count (55)
 UserId="8113" Comment="added 216 characters in body" --> Word Count (92)
 UserId="9035" --> Word Count (142)
 UserId="9035" Comment="new dataset details" --> Word Count (164)
 UserId="8041" --> Word Count (59)
 UserId="15361" --> Word Count (110)
 UserId="15361" --> Word Count (7)
 UserId="15361" --> Word Count (1)
 UserId="16024" --> Word Count (215)
 UserId="5041" --> Word Count (111)
 UserId="11044" --> Word Count (24)
 UserId="11044" --> Word Count (12)
 UserId="11044" --> Word Count (1)
 UserId="836" Comment="added 81 characters in body" --> Word Count (222)
 UserId="5041" --> Word Count (146)
 UserId="5041" Comment="deleted 51 characters in body" --> Word Count (136)
 UserId="5041" --> Word Count (57)
 UserId="10345" --> Word Count (50)
 UserId="10345" --> Word Count (8)
 UserId="10345" --> Word Count (1)
 UserId="8820" --> Word Count (38)
 UserId="10345" Comment="added 196 characters in body" --> Word Count (79)
 UserId="5041" --> Word Count (261)
 UserId="16096" --> Word Count (24)
 UserId="16096" --> Word Count (9)
 UserId="16096" --> Word Count (1)
 UserId="381" --> Word Count (38)
 UserId="16096" Comment="edited body" --> Word Count (24)
 UserId="8113" --> Word Count (101)
 UserId="10345" Comment="Added an example for clarity." --> Word Count (128)
 UserId="8113" Comment="added 244 characters in body" --> Word Count (179)
 UserId="10345" Comment="added 94 characters in body" --> Word Count (236)

UserId="13518" --> Word Count (299)
 UserId="13518" --> Word Count (4)
 UserId="13518" --> Word Count (1)
 UserId="13518" Comment="link to documentation included" --> Word Count (305)
 UserId="16511" --> Word Count (107)
 UserId="16511" --> Word Count (5)
 UserId="16511" --> Word Count (1)
 UserId="16024" --> Word Count (119)
 UserId="8820" Comment="added 295 characters in body" --> Word Count (89)
 UserId="283" --> Word Count (95)
 UserId="283" Comment="deleted 11 characters in body" --> Word Count (94)
 UserId="16520" --> Word Count (36)
 UserId="11097" Comment="deleted 66 characters in body; edited tags" --> Word Count (16)
 UserId="11097" Comment="deleted 66 characters in body; edited tags" --> Word Count (1)
 UserId="11007" --> Word Count (41)
 UserId="13727" Comment="Added feature-selection tag" --> Word Count (1)
 UserId="12384" --> Word Count (95)
 UserId="16024" Comment="deleted 40 characters in body" --> Word Count (111)
 UserId="12867" --> Word Count (111)
 UserId="12867" --> Word Count (13)
 UserId="12867" --> Word Count (1)
 UserId="16528" --> Word Count (150)
 UserId="16530" --> Word Count (117)
 UserId="5041" Comment="added 33 characters in body" --> Word Count (116)
 UserId="15527" --> Word Count (124)
 UserId="16538" --> Word Count (238)
 UserId="16538" --> Word Count (53)
 UserId="14913" Comment="Fixed up the code so it isn't in that ugly in-line format" --> Word Count (187)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="11097" Comment="added 64 characters in body" --> Word Count (198)
 UserId="16540" --> Word Count (161)
 UserId="16540" --> Word Count (10)
 UserId="16540" --> Word Count (1)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="16542" --> Word Count (61)
 UserId="16542" --> Word Count (8)
 UserId="16542" --> Word Count (1)
 UserId="5143" --> Word Count (408)
 UserId="924" --> Word Count (41)
 UserId="11044" --> Word Count (61)
 UserId="11044" --> Word Count (12)
 UserId="11044" --> Word Count (1)
 UserId="5143" Comment="added 94 characters in body" --> Word Count (422)
 UserId="11097" --> Word Count (188)
 UserId="10024" Comment="changed title, changed english" --> Word Count (161)

UserId="10024" Comment="changed title, changed english" --> Word Count (13)
 UserId="11097" Comment="deleted 18 characters in body; edited tags" --> Word Count (60)
 UserId="11097" Comment="deleted 18 characters in body; edited tags" --> Word Count (1)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="16548" --> Word Count (283)
 UserId="16548" --> Word Count (16)
 UserId="16548" --> Word Count (1)
 UserId="16552" --> Word Count (59)
 UserId="16552" --> Word Count (4)
 UserId="16552" --> Word Count (1)
 UserId="16538" Comment="In response to your comments I added some links, images, and deeper explanation. Also I corrected periodogram for correlogram." --> Word Count (147)
 UserId="924" --> Word Count (115)
 UserId="6558" --> Word Count (42)
 UserId="6558" --> Word Count (11)
 UserId="6558" --> Word Count (1)
 UserId="16556" --> Word Count (139)
 UserId="16558" --> Word Count (435)
 UserId="14654" --> Word Count (230)
 UserId="16310" --> Word Count (242)
 UserId="16310" --> Word Count (9)
 UserId="16310" --> Word Count (1)
 UserId="381" --> Word Count (69)
 UserId="16310" --> Word Count (70)
 UserId="16427" --> Word Count (30)
 UserId="12443" --> Word Count (39)
 UserId="12443" --> Word Count (3)
 UserId="12443" --> Word Count (1)
 UserId="108" --> Word Count (313)
 UserId="5041" Comment="Reformatted formulas" --> Word Count (53)
 UserId="75" Comment="improved formatting " --> Word Count (141)
 UserId="75" Comment="Improved Formatting" --> Word Count (13)
 UserId="75" Comment="Improved Formatting" --> Word Count (36)
 UserId="16570" --> Word Count (29)
 UserId="16570" --> Word Count (15)
 UserId="16570" --> Word Count (1)
 UserId="16570" --> Word Count (50)
 UserId="16570" --> Word Count (19)
 UserId="16570" --> Word Count (1)
 UserId="5041" --> Word Count (73)
 UserId="5041" Comment="added 421 characters in body" --> Word Count (165)
 UserId="5041" Comment="added 421 characters in body" --> Word Count (198)
 UserId="5143" --> Word Count (215)
 UserId="5143" --> Word Count (8)
 UserId="5143" --> Word Count (1)

UserId="14904" --> Word Count (219)
UserId="6478" --> Word Count (73)
UserId="16294" --> Word Count (91)
UserId="16294" --> Word Count (9)
UserId="16294" --> Word Count (1)
UserId="5041" Comment="added 63 characters in body" --> Word Count (206)
UserId="381" --> Word Count (157)
UserId="6478" --> Word Count (55)
UserId="381" Comment="deleted 36 characters in body" --> Word Count (151)
UserId="381" --> Word Count (99)
UserId="16024" --> Word Count (202)
UserId="15361" --> Word Count (35)
UserId="15361" --> Word Count (41)
UserId="15663" --> Word Count (426)
UserId="15663" Comment="added 141 characters in body" --> Word Count (453)
UserId="16560" --> Word Count (114)
UserId="13046" --> Word Count (136)
UserId="13046" --> Word Count (6)
UserId="13046" --> Word Count (1)
UserId="924" --> Word Count (38)
UserId="6478" --> Word Count (19)
UserId="16601" --> Word Count (325)
UserId="12377" --> Word Count (83)
UserId="12377" --> Word Count (13)
UserId="12377" --> Word Count (1)
UserId="10907" --> Word Count (505)
UserId="10907" --> Word Count (3)
UserId="10907" --> Word Count (1)
UserId="381" --> Word Count (32)
UserId="11044" --> Word Count (82)
UserId="11044" --> Word Count (11)
UserId="11044" --> Word Count (1)
UserId="13518" --> Word Count (182)
UserId="13518" --> Word Count (5)
UserId="13518" --> Word Count (1)
UserId="14904" --> Word Count (96)
UserId="14904" --> Word Count (116)
UserId="16612" --> Word Count (343)
UserId="16612" --> Word Count (7)
UserId="16612" --> Word Count (1)
UserId="16310" --> Word Count (55)
UserId="8752" --> Word Count (113)
UserId="15527" --> Word Count (86)
UserId="16614" --> Word Count (261)
UserId="108" --> Word Count (614)
UserId="11097" Comment="added 3 characters in body" --> Word Count (41)
UserId="21" Comment="105" --> Word Count (2)
UserId="11007" --> Word Count (49)

UserId="13034" --> Word Count (175)
 UserId="13034" --> Word Count (4)
 UserId="13034" --> Word Count (1)
 UserId="15527" Comment="Add newly found documentation link" --> Word Count (40)
 UserId="16511" --> Word Count (67)
 UserId="16511" --> Word Count (6)
 UserId="16511" --> Word Count (1)
 UserId="16558" --> Word Count (274)
 UserId="5041" --> Word Count (144)
 UserId="5041" Comment="added 149 characters in body" --> Word Count (163)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="16558" --> Word Count (236)
 UserId="16640" --> Word Count (261)
 UserId="16640" --> Word Count (11)
 UserId="16640" --> Word Count (1)
 UserId="16640" Comment="corrected the description on how unique ids are sometimes wrong. " --> Word Count (271)
 UserId="16646" --> Word Count (103)
 UserId="16646" --> Word Count (7)
 UserId="16646" --> Word Count (1)
 UserId="11044" --> Word Count (74)
 UserId="11044" --> Word Count (10)
 UserId="11044" --> Word Count (1)
 UserId="381" --> Word Count (26)
 UserId="381" Comment="added 153 characters in body" --> Word Count (52)
 UserId="16096" --> Word Count (159)
 UserId="16096" --> Word Count (8)
 UserId="16096" --> Word Count (1)
 UserId="14789" Comment="edited title" --> Word Count (17)
 UserId="11097" --> Word Count (116)
 UserId="11097" Comment="added 4 characters in body" --> Word Count (160)
 UserId="9420" --> Word Count (271)
 UserId="9420" Comment="fixed code and image for better colorbar" --> Word Count (278)
 UserId="16651" Comment="removed signature, added inline code" --> Word Count (343)
 UserId="16612" Comment="Added more info, added question about spark parameters" --> Word Count (400)
 UserId="16661" --> Word Count (78)
 UserId="16661" --> Word Count (12)
 UserId="16661" --> Word Count (1)
 UserId="14044" --> Word Count (106)
 UserId="14044" --> Word Count (6)
 UserId="14044" --> Word Count (1)
 UserId="11097" Comment="deleted 78 characters in body" --> Word Count (66)
 UserId="14913" --> Word Count (117)
 UserId="16664" --> Word Count (66)
 UserId="16664" --> Word Count (8)

UserId="16664" --> Word Count (1)
UserId="16665" --> Word Count (32)
UserId="16665" --> Word Count (14)
UserId="16665" --> Word Count (1)
UserId="381" --> Word Count (37)
UserId="381" Comment="added 3 characters in body" --> Word Count (38)
UserId="7966" --> Word Count (95)
UserId="7966" --> Word Count (6)
UserId="7966" --> Word Count (1)
UserId="21" Comment="102" --> Word Count (2)
UserId="15527" --> Word Count (20)
UserId="16683" --> Word Count (120)
UserId="16683" --> Word Count (6)
UserId="16683" --> Word Count (1)
UserId="10277" --> Word Count (12)
UserId="16683" Comment="via Vote" --> Word Count (1)
UserId="16683" --> Word Count (1)
UserId="381" --> Word Count (404)
UserId="381" Comment="deleted 1 character in body" --> Word Count (404)
UserId="13046" --> Word Count (589)
UserId="13046" --> Word Count (9)
UserId="13046" --> Word Count (1)
UserId="14310" --> Word Count (48)
UserId="14310" --> Word Count (8)
UserId="14310" --> Word Count (1)
UserId="676" --> Word Count (232)
UserId="2489" --> Word Count (39)
UserId="2489" --> Word Count (13)
UserId="2489" --> Word Count (1)
UserId="11044" --> Word Count (95)
UserId="11044" --> Word Count (7)
UserId="11044" --> Word Count (1)
UserId="16692" --> Word Count (148)
UserId="16692" --> Word Count (13)
UserId="16692" --> Word Count (1)
UserId="16693" --> Word Count (969)
UserId="16693" --> Word Count (10)
UserId="16693" --> Word Count (1)
UserId="16693" Comment="Adding chart of data" --> Word Count (978)
UserId="16691" Comment="not an expert but checked with formula on wikipedia -
believe this was a copy/paste error" --> Word Count (356)
UserId="11027" --> Word Count (108)
UserId="7966" --> Word Count (409)
UserId="7966" --> Word Count (4)
UserId="7966" --> Word Count (1)
UserId="7966" Comment="add 2 illustrations" --> Word Count (442)
UserId="16465" --> Word Count (319)
UserId="13727" Comment="Added dbscan tag" --> Word Count (1)

UserId="14913" Comment="added 405 characters in body" --> Word Count (183)
UserId="13727" Comment="Added dbscan tag" --> Word Count (1)
UserId="8878" Comment="Added dbscan tag" --> Word Count (458)
UserId="13727" Comment="Added dbscan tag" --> Word Count (1)
UserId="13727" Comment="Added anomaly-detection tag" --> Word Count (1)
UserId="13727" Comment="Added dbscan tag" --> Word Count (1)
UserId="16680" --> Word Count (155)
UserId="16680" --> Word Count (4)
UserId="16680" --> Word Count (1)
UserId="16680" --> Word Count (126)
UserId="16680" --> Word Count (9)
UserId="16680" --> Word Count (1)
UserId="381" --> Word Count (29)
UserId="14313" --> Word Count (172)
UserId="16677" --> Word Count (202)
UserId="16677" --> Word Count (5)
UserId="16677" --> Word Count (1)
UserId="2861" --> Word Count (205)
UserId="2861" --> Word Count (6)
UserId="2861" --> Word Count (1)
UserId="2861" Comment="added 61 characters in body" --> Word Count (218)
UserId="11097" Comment="deleted 122 characters in body" --> Word Count (144)
UserId="2861" Comment="added 126 characters in body" --> Word Count (251)
UserId="2861" Comment="added 36 characters in body" --> Word Count (256)
UserId="14313" Comment="fixed grammar" --> Word Count (178)
UserId="14313" --> Word Count (154)
UserId="16712" --> Word Count (186)
UserId="16712" --> Word Count (10)
UserId="16712" --> Word Count (1)
UserId="381" --> Word Count (364)
UserId="16712" Comment="added 299 characters in body; deleted 3 characters in body; edited body" --> Word Count (244)
UserId="16723" --> Word Count (138)
UserId="16723" --> Word Count (12)
UserId="16723" --> Word Count (1)
UserId="6550" Comment="corrected link" --> Word Count (139)
UserId="16712" Comment="deleted 296 characters in body" --> Word Count (186)
UserId="16024" --> Word Count (96)
UserId="16024" --> Word Count (10)
UserId="16024" --> Word Count (1)
UserId="11121" --> Word Count (77)
UserId="16465" --> Word Count (114)
UserId="2861" Comment="deleted 18 characters in body" --> Word Count (253)
UserId="5041" --> Word Count (45)
UserId="5041" Comment="added 103 characters in body" --> Word Count (63)
UserId="21" Comment="104" --> Word Count (2)
UserId="16680" --> Word Count (117)
UserId="16735" --> Word Count (450)

UserId="16735" --> Word Count (11)
UserId="16735" --> Word Count (1)
UserId="13891" --> Word Count (74)
UserId="13891" --> Word Count (10)
UserId="13891" --> Word Count (1)
UserId="13891" Comment="deleted 12 characters in body" --> Word Count (73)
UserId="381" --> Word Count (58)
UserId="16735" Comment="added uncovered mirroring case" --> Word Count (484)
UserId="12798" --> Word Count (150)
UserId="12798" --> Word Count (180)
UserId="12798" --> Word Count (88)
UserId="12798" --> Word Count (51)
UserId="16743" --> Word Count (134)
UserId="16743" --> Word Count (14)
UserId="16743" --> Word Count (1)
UserId="16744" Comment="added data samples" --> Word Count (150)
UserId="14310" Comment="edited tags" --> Word Count (1)
UserId="12575" --> Word Count (201)
UserId="2861" --> Word Count (92)
UserId="2861" --> Word Count (7)
UserId="2861" --> Word Count (1)
UserId="201" --> Word Count (80)
UserId="201" --> Word Count (8)
UserId="201" --> Word Count (1)
UserId="16753" --> Word Count (167)
UserId="16753" --> Word Count (9)
UserId="16753" --> Word Count (1)
UserId="16024" --> Word Count (246)
UserId="16754" --> Word Count (87)
UserId="16754" --> Word Count (21)
UserId="16754" --> Word Count (1)
UserId="16753" Comment="added 12 characters in body" --> Word Count (169)
UserId="6478" --> Word Count (331)
UserId="6478" Comment="added a caveat at the end to qualify proposed solution"
--> Word Count (371)
UserId="13481" --> Word Count (98)
UserId="13481" --> Word Count (9)
UserId="13481" --> Word Count (1)
UserId="16764" --> Word Count (385)
UserId="16764" --> Word Count (6)
UserId="16764" --> Word Count (1)
UserId="15613" --> Word Count (96)
UserId="15613" --> Word Count (3)
UserId="15613" --> Word Count (1)
UserId="15613" Comment="added 321 characters in body" --> Word Count (145)
UserId="6478" --> Word Count (197)
UserId="2861" Comment="added 289 characters in body" --> Word Count (139)
UserId="6478" Comment="fixed some typos and grammatical errors" --> Word Count

(198)

UserId="6478" Comment="fixed some typos and grammatical errors" --> Word Count (238)

UserId="381" --> Word Count (139)

UserId="381" Comment="added 25 characters in body" --> Word Count (142)

UserId="11044" --> Word Count (51)

UserId="11044" --> Word Count (8)

UserId="11044" --> Word Count (1)

UserId="16749" --> Word Count (261)

UserId="16749" --> Word Count (4)

UserId="16749" --> Word Count (1)

UserId="16749" Comment="added 6 characters in body" --> Word Count (261)

UserId="836" Comment="added link to book, split into two paragraphs " --> Word Count (120)

UserId="11044" Comment="added 179 characters in body" --> Word Count (92)

UserId="6478" Comment="deleted 1 character in body" --> Word Count (238)

UserId="16749" Comment="edited title" --> Word Count (11)

UserId="13736" --> Word Count (129)

UserId="13736" --> Word Count (16)

UserId="13736" --> Word Count (1)

UserId="11097" Comment="added 8 characters in body" --> Word Count (129)

UserId="13736" Comment="added 1 character in body" --> Word Count (129)

UserId="8878" Comment="Some typo" --> Word Count (80)

UserId="8878" --> Word Count (165)

UserId="6478" Comment="gave code example" --> Word Count (563)

UserId="6478" Comment="added 139 characters in body" --> Word Count (595)

UserId="13165" --> Word Count (74)

UserId="13165" --> Word Count (10)

UserId="13165" --> Word Count (1)

UserId="381" Text="This seems like a matter of opinion to me, but here are some applications of machine learning that you seen _very_ often in Silicon Valley:

* **Advertising**
: what to show whom and when? The data comes fast and furious so the engineering part is quite sophisticated.
* **Recommendation**
: similar to the advertising problem, except there are no advertisers, and the volume is slower, so you can afford to use more sophisticated machine algorithms.
* **Security**
: did somebody outside penetrate your system? did somebody inside abuse your system?
* ** --> Word Count (70)

UserId="15877" --> Word Count (56)

UserId="15877" --> Word Count (7)

UserId="15877" --> Word Count (1)

UserId="381" Comment="copy-editing" --> Word Count (52)

UserId="381" Comment="copy-editing" --> Word Count (8)

UserId="381" Comment="copy-editing" --> Word Count (1)

UserId="9814" Comment="added 1 character in body" --> Word Count (352)

UserId="16788" --> Word Count (323)

UserId="16788" --> Word Count (18)

UserId="16788" --> Word Count (1)

UserId="16791" --> Word Count (234)
 UserId="16791" --> Word Count (13)
 UserId="16791" --> Word Count (1)
 UserId="16788" Comment="edited title" --> Word Count (18)
 UserId="13046" --> Word Count (63)
 UserId="13046" --> Word Count (5)
 UserId="13046" --> Word Count (1)
 UserId="12250" --> Word Count (960)
 UserId="12250" --> Word Count (6)
 UserId="12250" --> Word Count (1)
 UserId="6478" --> Word Count (511)
 UserId="6478" Comment="added 184 characters in body" --> Word Count (541)
 UserId="6478" Comment="deleted 22 characters in body" --> Word Count (567)
 UserId="6478" Comment="added 122 characters in body" --> Word Count (590)
 UserId="15234" --> Word Count (79)
 UserId="15234" --> Word Count (12)
 UserId="15234" --> Word Count (1)
 UserId="381" --> Word Count (401)
 UserId="16749" Comment="edited title" --> Word Count (16)
 UserId="16808" --> Word Count (72)
 UserId="16808" --> Word Count (10)
 UserId="16808" --> Word Count (1)
 UserId="12473" --> Word Count (68)
 UserId="16808" Comment="edited body" --> Word Count (72)
 UserId="9257" --> Word Count (79)
 UserId="9257" --> Word Count (2)
 UserId="9257" --> Word Count (1)
 UserId="9257" --> Word Count (150)
 UserId="16808" Comment="added 834 characters in body" --> Word Count (223)
 UserId="16812" --> Word Count (69)
 UserId="16812" --> Word Count (158)
 UserId="16812" --> Word Count (9)
 UserId="16812" --> Word Count (1)
 UserId="924" --> Word Count (41)
 UserId="1133" --> Word Count (98)
 UserId="1133" --> Word Count (9)
 UserId="1133" --> Word Count (1)
 UserId="16816" --> Word Count (82)
 UserId="16816" --> Word Count (6)
 UserId="16816" --> Word Count (1)
 UserId="16816" Comment="edited tags" --> Word Count (1)
 UserId="8560" --> Word Count (242)
 UserId="16808" --> Word Count (51)
 UserId="16808" --> Word Count (10)
 UserId="16808" --> Word Count (1)
 UserId="16817" --> Word Count (347)
 UserId="16817" --> Word Count (14)
 UserId="16817" --> Word Count (1)

UserId="16816" Comment="added 125 characters in body" --> Word Count (104)
 UserId="381" --> Word Count (48)
 UserId="381" Comment="added 39 characters in body; edited tags" --> Word Count (395)
 UserId="381" Comment="added 39 characters in body; edited tags" --> Word Count (1)
 UserId="16818" --> Word Count (1360)
 UserId="16818" --> Word Count (5)
 UserId="16818" --> Word Count (1)
 UserId="21" Comment="101" --> Word Count (2)
 UserId="16816" Comment="added 38 characters in body" --> Word Count (110)
 UserId="16818" Comment="added 147 characters in body" --> Word Count (1383)
 UserId="10814" --> Word Count (59)
 UserId="16827" --> Word Count (96)
 UserId="16827" --> Word Count (200)
 UserId="16818" Comment="Corrected error" --> Word Count (1309)
 UserId="16749" Comment="edited title" --> Word Count (20)
 UserId="16818" Comment="update" --> Word Count (1322)
 UserId="16818" Comment="update" --> Word Count (6)
 UserId="16829" --> Word Count (87)
 UserId="16829" --> Word Count (3)
 UserId="16829" --> Word Count (1)
 UserId="14313" --> Word Count (247)
 UserId="11097" --> Word Count (104)
 UserId="15361" --> Word Count (68)
 UserId="2481" --> Word Count (282)
 UserId="2481" --> Word Count (9)
 UserId="2481" --> Word Count (1)
 UserId="16843" --> Word Count (308)
 UserId="16843" --> Word Count (7)
 UserId="16843" --> Word Count (1)
 UserId="14310" --> Word Count (63)
 UserId="13686" --> Word Count (131)
 UserId="13686" --> Word Count (75)
 UserId="12575" Comment="added 14 characters in body" --> Word Count (204)
 UserId="15527" --> Word Count (93)
 UserId="12575" --> Word Count (175)
 UserId="16854" --> Word Count (83)
 UserId="16854" --> Word Count (11)
 UserId="16854" --> Word Count (1)
 UserId="381" --> Word Count (48)
 UserId="924" --> Word Count (47)
 UserId="11007" --> Word Count (57)
 UserId="924" --> Word Count (214)
 UserId="12206" --> Word Count (270)
 UserId="12206" --> Word Count (5)
 UserId="12206" --> Word Count (1)
 UserId="381" --> Word Count (144)

UserId="381" --> Word Count (79)
 UserId="381" Comment="added 464 characters in body" --> Word Count (113)
 UserId="381" Comment="added 6 characters in body" --> Word Count (115)
 UserId="13686" Comment="added 11 characters in body" --> Word Count (131)
 UserId="381" --> Word Count (134)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="13686" --> Word Count (65)
 UserId="13686" --> Word Count (5)
 UserId="13686" --> Word Count (1)
 UserId="11097" Comment="added 8 characters in body; edited tags; edited title" --> Word Count (66)
 UserId="11097" Comment="added 8 characters in body; edited tags; edited title" --> Word Count (6)
 UserId="11097" Comment="added 8 characters in body; edited tags; edited title" --> Word Count (1)
 UserId="381" Comment="added 52 characters in body" --> Word Count (141)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="11044" Comment="edited body" --> Word Count (51)
 UserId="13686" Comment="edited since I want to record a concept here" --> Word Count (100)
 UserId="13686" --> Word Count (16)
 UserId="11097" Comment="added 19 characters in body" --> Word Count (17)
 UserId="11097" Comment="added 129 characters in body" --> Word Count (20)
 UserId="12377" --> Word Count (29)
 UserId="12377" --> Word Count (8)
 UserId="12377" --> Word Count (1)
 UserId="13686" Comment="added 176 characters in body" --> Word Count (56)
 UserId="16812" --> Word Count (51)
 UserId="13686" Comment="added reference to work on causality" --> Word Count (183)
 UserId="16887" --> Word Count (105)
 UserId="16887" --> Word Count (9)
 UserId="16887" --> Word Count (1)
 UserId="381" --> Word Count (185)
 UserId="14313" --> Word Count (54)
 UserId="381" Comment="added 216 characters in body" --> Word Count (82)
 UserId="381" Comment="rewritten for greater clarity" --> Word Count (118)
 UserId="15064" --> Word Count (59)
 UserId="15064" --> Word Count (8)
 UserId="15064" --> Word Count (1)
 UserId="381" Comment="replaced one reference with a better one, and copyedited answer" --> Word Count (123)
 UserId="9667" --> Word Count (40)

UserId="381" Comment="typo" --> Word Count (124)
UserId="9565" --> Word Count (342)
UserId="12798" --> Word Count (90)
UserId="381" Comment="added 13 characters in body; edited tags; edited title"
--> Word Count (60)
UserId="381" Comment="added 13 characters in body; edited tags; edited title"
--> Word Count (9)
UserId="381" Comment="added 13 characters in body; edited tags; edited title"
--> Word Count (1)
UserId="6478" --> Word Count (437)
UserId="16897" --> Word Count (25)
UserId="16897" --> Word Count (5)
UserId="16897" --> Word Count (1)
UserId="14313" Comment="grammar correction" --> Word Count (54)
UserId="381" --> Word Count (148)
UserId="16865" --> Word Count (44)
UserId="16865" --> Word Count (9)
UserId="16865" --> Word Count (1)
UserId="14332" --> Word Count (124)
UserId="14332" --> Word Count (7)
UserId="14332" --> Word Count (1)
UserId="13686" --> Word Count (40)
UserId="13686" --> Word Count (6)
UserId="13686" --> Word Count (1)
UserId="13686" --> Word Count (91)
UserId="13686" Comment="added deep learning tag" --> Word Count (1)
UserId="11097" Comment="added 16 characters in body; edited title" --> Word
Count (42)
UserId="11097" Comment="added 16 characters in body; edited title" --> Word
Count (7)
UserId="108" --> Word Count (155)
UserId="16911" --> Word Count (464)
UserId="16911" --> Word Count (13)
UserId="16911" --> Word Count (1)
UserId="13686" Comment="added 14 characters in body" --> Word Count (94)
UserId="13686" --> Word Count (56)
UserId="13686" --> Word Count (4)
UserId="13686" --> Word Count (1)
UserId="11097" Comment="added 8 characters in body" --> Word Count (43)
UserId="16812" --> Word Count (91)
UserId="16913" --> Word Count (154)
UserId="16913" --> Word Count (5)
UserId="16913" --> Word Count (1)
UserId="16676" --> Word Count (146)
UserId="16676" --> Word Count (8)
UserId="16676" --> Word Count (1)
UserId="16812" Comment="added 114 characters in body" --> Word Count (95)
UserId="13145" --> Word Count (122)

UserId="13145" --> Word Count (7)
 UserId="13145" --> Word Count (1)
 UserId="16927" --> Word Count (81)
 UserId="16927" --> Word Count (9)
 UserId="16927" --> Word Count (1)
 UserId="381" Comment="deleted 101 characters in body" --> Word Count (114)
 UserId="16928" --> Word Count (56)
 UserId="16928" --> Word Count (11)
 UserId="16928" --> Word Count (1)
 UserId="11097" Comment="deleted 49 characters in body" --> Word Count (76)
 UserId="108" --> Word Count (431)
 UserId="108" Comment="added 53 characters in body" --> Word Count (440)
 UserId="16939" --> Word Count (148)
 UserId="16939" --> Word Count (4)
 UserId="16939" --> Word Count (1)
 UserId="16943" --> Word Count (118)
 UserId="16943" --> Word Count (16)
 UserId="16943" --> Word Count (1)
 UserId="15905" --> Word Count (32)
 UserId="15905" --> Word Count (20)
 UserId="15905" --> Word Count (1)
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 UserId="16951" --> Word Count (122)
 UserId="16951" --> Word Count (12)
 UserId="16951" --> Word Count (1)
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 UserId="14586" --> Word Count (5)
 UserId="14586" --> Word Count (1)
 UserId="16096" --> Word Count (143)
 UserId="16096" --> Word Count (6)
 UserId="16096" --> Word Count (1)
 UserId="15137" --> Word Count (213)
 UserId="15137" --> Word Count (3)
 UserId="15137" --> Word Count (1)
 UserId="8820" Comment="improve language" --> Word Count (151)
 UserId="15137" Comment="edited title" --> Word Count (8)
 UserId="8820" --> Word Count (317)
 UserId="3439" --> Word Count (124)
 UserId="8820" Comment="added 611 characters in body" --> Word Count (403)
 UserId="16096" Comment="added 5728 characters in body" --> Word Count (147)
 UserId="12377" --> Word Count (75)
 UserId="12377" --> Word Count (8)
 UserId="12377" --> Word Count (1)
 UserId="16964" --> Word Count (84)
 UserId="16964" --> Word Count (14)
 UserId="16964" --> Word Count (1)
 UserId="16966" --> Word Count (133)
 UserId="16966" --> Word Count (9)

UserId="16966" --> Word Count (1)
UserId="14313" --> Word Count (66)
UserId="16969" --> Word Count (26)
UserId="11097" Comment="added 2 characters in body" --> Word Count (263)
UserId="14313" --> Word Count (120)
UserId="16971" --> Word Count (20)
UserId="16971" --> Word Count (8)
UserId="16971" --> Word Count (1)
UserId="7848" --> Word Count (65)
UserId="14313" --> Word Count (34)
UserId="16166" --> Word Count (26)
UserId="16166" Comment="added 694 characters in body" --> Word Count (105)
UserId="13686" --> Word Count (184)
UserId="13686" Comment="grammar edits" --> Word Count (201)
UserId="15325" --> Word Count (327)
UserId="15325" --> Word Count (9)
UserId="15325" --> Word Count (1)
UserId="21" Comment="104" --> Word Count (2)
UserId="16870" --> Word Count (215)
UserId="16977" --> Word Count (382)
UserId="16977" --> Word Count (17)
UserId="16977" --> Word Count (1)
UserId="14904" --> Word Count (31)
UserId="108" --> Word Count (321)
UserId="16985" --> Word Count (36)
UserId="108" --> Word Count (86)
UserId="108" --> Word Count (422)
UserId="15501" --> Word Count (627)
UserId="16166" Comment="deleted 26 characters in body" --> Word Count (106)
UserId="15690" --> Word Count (79)
UserId="15690" --> Word Count (7)
UserId="15690" --> Word Count (1)
UserId="12867" --> Word Count (174)
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UserId="12867" --> Word Count (1)
UserId="12867" --> Word Count (70)
UserId="12867" --> Word Count (13)
UserId="12867" --> Word Count (1)
UserId="10345" --> Word Count (566)
UserId="10345" --> Word Count (6)
UserId="10345" --> Word Count (1)
UserId="12575" --> Word Count (79)
UserId="4853" --> Word Count (139)
UserId="16992" --> Word Count (277)
UserId="16992" --> Word Count (8)
UserId="16992" --> Word Count (1)
UserId="13686" --> Word Count (28)
UserId="924" Comment="edited tags" --> Word Count (1)

UserId="9774" --> Word Count (765)
 UserId="9774" --> Word Count (8)
 UserId="9774" --> Word Count (1)
 UserId="21" --> Word Count (108)
 UserId="9774" Comment="added 273 characters in body" --> Word Count (807)
 UserId="9774" --> Word Count (80)
 UserId="9774" --> Word Count (8)
 UserId="9774" --> Word Count (1)
 UserId="14904" --> Word Count (106)
 UserId="12443" --> Word Count (137)
 UserId="12443" --> Word Count (10)
 UserId="12443" --> Word Count (1)
 UserId="12443" Comment="added 423 characters in body; edited title" --> Word Count (206)
 UserId="12443" Comment="added 423 characters in body; edited title" --> Word Count (10)
 UserId="7966" --> Word Count (166)
 UserId="7966" --> Word Count (6)
 UserId="7966" --> Word Count (1)
 UserId="15325" Comment="added 100 characters in body" --> Word Count (383)
 UserId="15325" Comment="improve" --> Word Count (378)
 UserId="12241" --> Word Count (162)
 UserId="12241" --> Word Count (81)
 UserId="17006" --> Word Count (133)
 UserId="17006" --> Word Count (11)
 UserId="17006" --> Word Count (1)
 UserId="836" --> Word Count (152)
 UserId="836" Comment="added 591 characters in body" --> Word Count (282)
 UserId="836" Comment="added 591 characters in body" --> Word Count (308)
 UserId="13727" --> Word Count (92)
 UserId="11097" Comment="added 20 characters in body" --> Word Count (154)
 UserId="14684" --> Word Count (105)
 UserId="14684" --> Word Count (8)
 UserId="14684" --> Word Count (1)
 UserId="2544" Comment="Add GNOME's Zeitgeist" --> Word Count (859)
 UserId="17022" --> Word Count (378)
 UserId="17022" --> Word Count (15)
 UserId="17022" --> Word Count (1)
 UserId="924" --> Word Count (84)
 UserId="17022" Comment="Adding python tag" --> Word Count (1)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="17022" Comment="Mention we're using scikit learn" --> Word Count (405)
 UserId="17022" Comment="Mention we're using scikit learn" --> Word Count (1)
 UserId="13686" --> Word Count (55)
 UserId="13686" --> Word Count (7)
 UserId="13686" --> Word Count (1)
 UserId="13686" --> Word Count (26)
 UserId="16897" Comment="added 1192 characters in body" --> Word Count (220)

UserId="13686" Comment="clarified what I mean by computational complexity" --> Word Count (58)
 UserId="16897" Comment="added 1192 characters in body" --> Word Count (241)
 UserId="17034" --> Word Count (76)
 UserId="17034" --> Word Count (9)
 UserId="17034" --> Word Count (1)
 UserId="16964" --> Word Count (121)
 UserId="16964" --> Word Count (9)
 UserId="16964" --> Word Count (1)
 UserId="16964" Comment="edited title" --> Word Count (11)
 UserId="11121" --> Word Count (110)
 UserId="14904" --> Word Count (64)
 UserId="13686" Comment="added 990 characters in body" --> Word Count (198)
 UserId="15202" --> Word Count (449)
 UserId="17047" --> Word Count (164)
 UserId="17047" --> Word Count (10)
 UserId="17047" --> Word Count (1)
 UserId="13686" --> Word Count (95)
 UserId="13686" Comment="formatting" --> Word Count (128)
 UserId="16152" --> Word Count (68)
 UserId="13686" Comment="spelling" --> Word Count (129)
 UserId="8650" --> Word Count (23)
 UserId="17047" --> Word Count (83)
 UserId="17047" --> Word Count (15)
 UserId="17047" --> Word Count (1)
 UserId="17049" --> Word Count (14)
 UserId="17049" Comment="added 162 characters in body" --> Word Count (38)
 UserId="16050" --> Word Count (13)
 UserId="16853" --> Word Count (639)
 UserId="16853" --> Word Count (10)
 UserId="16853" --> Word Count (1)
 UserId="16853" Comment="added 8 characters in body" --> Word Count (641)
 UserId="8820" --> Word Count (136)
 UserId="17054" --> Word Count (124)
 UserId="17055" --> Word Count (39)
 UserId="15361" --> Word Count (62)
 UserId="17057" Text="I'm very new to text mining. I am trying to build a classifier which assigns zero, one or more topics to each document of the Reuters 21578 dataset. However, I'm not sure how to make it work using standard R packages. I've looked at a lot of simple online examples using packages such as R --> Word Count (34)
 UserId="17057" Text=" --> Word Count (12)
 UserId="17057" --> Word Count (1)
 UserId="14876" --> Word Count (906)
 UserId="14876" --> Word Count (10)
 UserId="14876" --> Word Count (1)
 UserId="12443" --> Word Count (38)
 UserId="12443" --> Word Count (13)

UserId="12443" --> Word Count (1)
 UserId="14779" --> Word Count (130)
 UserId="14779" Comment="via Vote" --> Word Count (2)
 UserId="13957" --> Word Count (137)
 UserId="13957" --> Word Count (173)
 UserId="14779" --> Word Count (2)
 UserId="14779" Comment="re-read" --> Word Count (251)
 UserId="14393" --> Word Count (180)
 UserId="14393" --> Word Count (3)
 UserId="14393" --> Word Count (1)
 UserId="16972" --> Word Count (168)
 UserId="16972" --> Word Count (5)
 UserId="16972" --> Word Count (1)
 UserId="17080" --> Word Count (17)
 UserId="17081" --> Word Count (242)
 UserId="17081" --> Word Count (4)
 UserId="17081" --> Word Count (1)
 UserId="16024" --> Word Count (180)
 UserId="14779" Comment="deleted stuff" --> Word Count (96)
 UserId="381" --> Word Count (81)
 UserId="17085" --> Word Count (169)
 UserId="17085" --> Word Count (13)
 UserId="17085" --> Word Count (1)
 UserId="14898" --> Word Count (50)
 UserId="14898" --> Word Count (9)
 UserId="14898" --> Word Count (1)
 UserId="14904" --> Word Count (81)
 UserId="17045" --> Word Count (203)
 UserId="17045" --> Word Count (4)
 UserId="17045" --> Word Count (1)
 UserId="17045" Comment="edited title" --> Word Count (4)
 UserId="17045" Comment="added 2 characters in body" --> Word Count (205)
 UserId="16853" Comment="added 387 characters in body" --> Word Count (832)
 UserId="11141" --> Word Count (90)
 UserId="5091" --> Word Count (130)
 UserId="5091" --> Word Count (5)
 UserId="5091" --> Word Count (1)
 UserId="5091" Comment="edited tags" --> Word Count (1)
 UserId="11007" --> Word Count (66)
 UserId="5091" Comment="added 107 characters in body" --> Word Count (149)
 UserId="5091" Comment="added 29 characters in body" --> Word Count (154)
 UserId="10967" --> Word Count (252)
 UserId="10967" --> Word Count (6)
 UserId="10967" --> Word Count (1)
 UserId="17078" --> Word Count (195)
 UserId="17101" --> Word Count (40)
 UserId="17101" --> Word Count (19)
 UserId="17101" --> Word Count (1)

UserId="2723" --> Word Count (107)
UserId="2723" --> Word Count (11)
UserId="2723" --> Word Count (1)
UserId="964" --> Word Count (63)
UserId="924" --> Word Count (141)
UserId="15325" Comment="added 68 characters in body" --> Word Count (403)
UserId="10135" --> Word Count (84)
UserId="381" Comment="provided a general method" --> Word Count (230)
UserId="12527" --> Word Count (108)
UserId="12527" --> Word Count (8)
UserId="12527" --> Word Count (1)
UserId="14904" Comment="Added the second paragraph" --> Word Count (100)
UserId="5091" Comment="added 206 characters in body" --> Word Count (171)
UserId="15325" Comment="added 441 characters in body" --> Word Count (509)
UserId="15325" Comment="added 7 characters in body" --> Word Count (510)
UserId="1426" --> Word Count (62)
UserId="1426" --> Word Count (9)
UserId="1426" --> Word Count (1)
UserId="11097" Comment="edited tags" --> Word Count (1)
UserId="13727" Comment="typo" --> Word Count (197)
UserId="14732" --> Word Count (87)
UserId="2723" --> Word Count (193)
UserId="2723" --> Word Count (5)
UserId="2723" --> Word Count (1)
UserId="17047" --> Word Count (30)
UserId="13736" --> Word Count (596)
UserId="13736" --> Word Count (12)
UserId="13736" --> Word Count (1)
UserId="13855" --> Word Count (79)
UserId="13855" --> Word Count (7)
UserId="13855" --> Word Count (1)
UserId="14313" --> Word Count (105)
UserId="13417" --> Word Count (66)
UserId="13417" --> Word Count (3)
UserId="13417" --> Word Count (1)
UserId="843" --> Word Count (53)
UserId="17149" --> Word Count (78)
UserId="17149" --> Word Count (3)
UserId="17149" --> Word Count (1)
UserId="13736" --> Word Count (188)
UserId="13736" --> Word Count (4)
UserId="13736" --> Word Count (1)
UserId="14904" --> Word Count (101)
UserId="11007" --> Word Count (68)
UserId="21" Comment="102" --> Word Count (2)
UserId="13450" Comment="Improved formatting" --> Word Count (98)
UserId="2576" --> Word Count (161)
UserId="10135" --> Word Count (166)

UserId="10135" Comment="added 7 characters in body" --> Word Count (177)
 UserId="10135" Comment="added 232 characters in body" --> Word Count (219)
 UserId="10135" --> Word Count (31)
 UserId="10135" --> Word Count (119)
 UserId="17159" --> Word Count (134)
 UserId="17159" --> Word Count (12)
 UserId="17159" --> Word Count (1)
 UserId="15361" --> Word Count (23)
 UserId="13855" Comment="grammar error" --> Word Count (78)
 UserId="588" --> Word Count (138)
 UserId="13686" Comment="corrected answer" --> Word Count (99)
 UserId="13686" Comment="added 58 characters in body" --> Word Count (208)
 UserId="13855" Comment="edited title" --> Word Count (8)
 UserId="924" Comment="deleted 32 characters in body; edited tags" --> Word Count (73)
 UserId="924" Comment="deleted 32 characters in body; edited tags" --> Word Count (1)
 UserId="12443" --> Word Count (81)
 UserId="12443" --> Word Count (10)
 UserId="12443" --> Word Count (1)
 UserId="9186" --> Word Count (47)
 UserId="17165" --> Word Count (300)
 UserId="17165" --> Word Count (4)
 UserId="17165" --> Word Count (1)
 UserId="16024" --> Word Count (147)
 UserId="13736" --> Word Count (65)
 UserId="13736" --> Word Count (5)
 UserId="13736" --> Word Count (1)
 UserId="13736" --> Word Count (20)
 UserId="723" --> Word Count (24)
 UserId="723" --> Word Count (9)
 UserId="723" --> Word Count (1)
 UserId="2861" --> Word Count (129)
 UserId="2861" --> Word Count (2)
 UserId="2861" --> Word Count (1)
 UserId="12443" --> Word Count (92)
 UserId="12443" --> Word Count (14)
 UserId="12443" --> Word Count (1)
 UserId="12363" Text="If you are seeking a working solution, I know of an API that supports many languages, including Russian: [indico.io --> Word Count (68)
 UserId="17176" --> Word Count (1079)
 UserId="17176" --> Word Count (10)
 UserId="17176" --> Word Count (1)
 UserId="15527" --> Word Count (48)
 UserId="17177" --> Word Count (153)
 UserId="17178" --> Word Count (253)
 UserId="17178" --> Word Count (10)
 UserId="17178" --> Word Count (1)

UserId="17181" --> Word Count (28)
 UserId="5143" --> Word Count (148)
 UserId="5143" --> Word Count (10)
 UserId="5143" --> Word Count (1)
 UserId="16024" --> Word Count (73)
 UserId="16024" --> Word Count (10)
 UserId="16024" --> Word Count (1)
 UserId="15933" --> Word Count (75)
 UserId="15933" --> Word Count (11)
 UserId="15933" --> Word Count (1)
 UserId="12443" --> Word Count (73)
 UserId="12443" --> Word Count (6)
 UserId="12443" --> Word Count (1)
 UserId="11097" Comment="added 10 characters in body" --> Word Count (77)
 UserId="12443" --> Word Count (70)
 UserId="11097" Comment="added 32 characters in body" --> Word Count (102)
 UserId="676" --> Word Count (34)
 UserId="15933" Comment="added 350 characters in body" --> Word Count (135)
 UserId="10967" Comment="edited tags" --> Word Count (1)
 UserId="15361" --> Word Count (42)
 UserId="1426" --> Word Count (265)
 UserId="1426" --> Word Count (6)
 UserId="1426" --> Word Count (1)
 UserId="10275" --> Word Count (210)
 UserId="10275" --> Word Count (7)
 UserId="10275" --> Word Count (1)
 UserId="10135" --> Word Count (97)
 UserId="10517" --> Word Count (59)
 UserId="16284" Comment="added data cleansing tag" --> Word Count (1)
 UserId="16284" Comment="formatted code fragment (worthwhile). Then made trivial edit (not worthwhile) to get 6 characters" --> Word Count (67)
 UserId="11141" --> Word Count (173)
 UserId="14313" --> Word Count (73)
 UserId="13417" --> Word Count (33)
 UserId="13417" --> Word Count (4)
 UserId="13417" --> Word Count (1)
 UserId="14313" Comment="gets to more details" --> Word Count (78)
 UserId="5143" Comment="added 368 characters in body" --> Word Count (199)
 UserId="381" --> Word Count (13)
 UserId="11121" --> Word Count (64)
 UserId="17208" --> Word Count (151)
 UserId="17208" --> Word Count (156)
 UserId="14313" --> Word Count (76)
 UserId="17215" --> Word Count (80)
 UserId="17215" --> Word Count (4)
 UserId="17215" --> Word Count (1)
 UserId="17222" --> Word Count (137)
 UserId="17222" --> Word Count (9)

UserId="17222" --> Word Count (1)
 UserId="16024" --> Word Count (195)
 UserId="6478" --> Word Count (306)
 UserId="17215" Comment="added 25 characters in body" --> Word Count (82)
 UserId="16284" --> Word Count (59)
 UserId="13417" --> Word Count (90)
 UserId="13417" --> Word Count (10)
 UserId="13417" --> Word Count (1)
 UserId="16284" --> Word Count (82)
 UserId="16284" --> Word Count (253)
 UserId="17231" --> Word Count (466)
 UserId="17231" --> Word Count (3)
 UserId="17231" --> Word Count (1)
 UserId="16284" --> Word Count (94)
 UserId="381" Comment="added 295 characters in body" --> Word Count (71)
 UserId="10620" --> Word Count (70)
 UserId="16284" Comment="added 6-sigma reference - a more modern but more specific version of shewhart control" --> Word Count (103)
 UserId="14007" --> Word Count (67)
 UserId="14007" --> Word Count (8)
 UserId="14007" --> Word Count (1)
 UserId="847" --> Word Count (118)
 UserId="847" --> Word Count (381)
 UserId="6478" Comment="formatting" --> Word Count (320)
 UserId="2504" --> Word Count (27)
 UserId="2504" --> Word Count (12)
 UserId="2504" --> Word Count (1)
 UserId="12377" --> Word Count (69)
 UserId="12377" --> Word Count (16)
 UserId="12377" --> Word Count (1)
 UserId="17246" --> Word Count (185)
 UserId="17246" --> Word Count (5)
 UserId="17246" --> Word Count (1)
 UserId="17246" Comment="added 6 characters in body" --> Word Count (188)
 UserId="17246" Comment="added 34 characters in body" --> Word Count (192)
 UserId="17248" --> Word Count (88)
 UserId="17248" --> Word Count (5)
 UserId="17248" --> Word Count (1)
 UserId="14715" Comment="table-like formatting" --> Word Count (126)
 UserId="15663" Comment="added 135 characters in body" --> Word Count (473)
 UserId="16284" Comment="Improved readability with \pm and " --> Word Count (99)
 UserId="816" Comment="syntax highlight + making the code take less space" --> Word Count (107)
 UserId="816" Comment="some verbatim" --> Word Count (34)
 UserId="17250" --> Word Count (69)
 UserId="6478" Comment="added tags" --> Word Count (1)
 UserId="3044" --> Word Count (67)
 UserId="3044" --> Word Count (5)

UserId="3044" --> Word Count (1)
 UserId="16853" --> Word Count (352)
 UserId="15527" --> Word Count (53)
 UserId="17256" --> Word Count (284)
 UserId="17256" --> Word Count (6)
 UserId="17256" --> Word Count (1)
 UserId="16024" --> Word Count (53)
 UserId="16024" --> Word Count (9)
 UserId="16024" --> Word Count (1)
 UserId="2647" --> Word Count (132)
 UserId="2647" --> Word Count (9)
 UserId="2647" --> Word Count (1)
 UserId="17078" --> Word Count (320)
 UserId="17078" --> Word Count (127)
 UserId="10345" --> Word Count (219)
 UserId="17239" --> Word Count (91)
 UserId="17239" Text=" --> Word Count (9)
 UserId="17239" --> Word Count (1)
 UserId="7848" Comment="edited tags" --> Word Count (1)
 UserId="8820" --> Word Count (19)
 UserId="17267" --> Word Count (144)
 UserId="17267" --> Word Count (6)
 UserId="17267" --> Word Count (1)
 UserId="3314" --> Word Count (462)
 UserId="3314" --> Word Count (8)
 UserId="3314" --> Word Count (1)
 UserId="12527" --> Word Count (59)
 UserId="17256" --> Word Count (30)
 UserId="16538" --> Word Count (114)
 UserId="11121" --> Word Count (72)
 UserId="2861" --> Word Count (156)
 UserId="2861" --> Word Count (7)
 UserId="2861" --> Word Count (1)
 UserId="10135" --> Word Count (43)
 UserId="10135" --> Word Count (63)
 UserId="11121" Comment="added 38 characters in body" --> Word Count (78)
 UserId="17293" --> Word Count (86)
 UserId="17293" Text=" --> Word Count (3)
 UserId="17293" --> Word Count (1)
 UserId="16284" --> Word Count (126)
 UserId="16284" Comment="added text mining tag" --> Word Count (1)
 UserId="16284" Comment="Added NN tag" --> Word Count (1)
 UserId="17302" --> Word Count (54)
 UserId="17302" --> Word Count (5)
 UserId="17302" --> Word Count (1)
 UserId="10135" --> Word Count (324)
 UserId="3152" --> Word Count (64)
 UserId="13417" --> Word Count (103)

UserId="13417" --> Word Count (4)
 UserId="13417" --> Word Count (1)
 UserId="17305" --> Word Count (482)
 UserId="17305" --> Word Count (11)
 UserId="17305" --> Word Count (1)
 UserId="17308" --> Word Count (157)
 UserId="17308" --> Word Count (16)
 UserId="17308" --> Word Count (1)
 UserId="847" --> Word Count (199)
 UserId="17309" --> Word Count (328)
 UserId="17309" --> Word Count (3)
 UserId="17309" --> Word Count (1)
 UserId="843" Comment="add tags~~~~~" --> Word Count (1)
 UserId="843" --> Word Count (263)
 UserId="16538" --> Word Count (62)
 UserId="471" --> Word Count (50)
 UserId="847" Comment="added 2 characters in body" --> Word Count (199)
 UserId="381" Comment="added 371 characters in body" --> Word Count (196)
 UserId="17315" --> Word Count (29)
 UserId="17315" --> Word Count (7)
 UserId="17315" --> Word Count (1)
 UserId="17313" --> Word Count (185)
 UserId="17313" --> Word Count (14)
 UserId="17313" --> Word Count (1)
 UserId="15412" --> Word Count (47)
 UserId="14542" --> Word Count (56)
 UserId="16774" --> Word Count (104)
 UserId="17325" --> Word Count (161)
 UserId="5091" --> Word Count (36)
 UserId="5091" --> Word Count (5)
 UserId="5091" --> Word Count (1)
 UserId="5091" Comment="edited title" --> Word Count (5)
 UserId="5091" Comment="added 246 characters in body" --> Word Count (50)
 UserId="11097" Comment="added 327 characters in body" --> Word Count (487)
 UserId="10135" --> Word Count (45)
 UserId="12384" Comment="added link to data set" --> Word Count (185)
 UserId="17308" Comment="added 196 characters in body" --> Word Count (336)
 UserId="17330" --> Word Count (105)
 UserId="17330" --> Word Count (4)
 UserId="17330" --> Word Count (1)
 UserId="17308" Comment="added 196 characters in body" --> Word Count (369)
 UserId="17308" Comment="added 196 characters in body" --> Word Count (265)
 UserId="17256" --> Word Count (105)
 UserId="17256" --> Word Count (19)
 UserId="15361" --> Word Count (23)
 UserId="381" Comment="added 3 characters in body" --> Word Count (263)
 UserId="17332" --> Word Count (113)
 UserId="17332" --> Word Count (12)

UserId="17332" --> Word Count (1)
UserId="21" Comment="103" --> Word Count (2)
UserId="471" Comment="terminal text formatted" --> Word Count (566)
UserId="21" Comment="105" --> Word Count (2)
UserId="17331" --> Word Count (180)
UserId="17331" --> Word Count (3)
UserId="17331" --> Word Count (1)
UserId="21" --> Word Count (295)
UserId="17324" --> Word Count (84)
UserId="381" --> Word Count (119)
UserId="381" Comment="added 98 characters in body" --> Word Count (141)
UserId="15693" --> Word Count (60)
UserId="15693" --> Word Count (6)
UserId="15693" --> Word Count (1)
UserId="9123" --> Word Count (114)
UserId="9123" --> Word Count (191)
UserId="9123" Comment="added 146 characters in body" --> Word Count (218)
UserId="381" --> Word Count (52)
UserId="17080" Comment="Point to a more useful resource." --> Word Count (15)
UserId="16255" Comment="Fixed spelling, clean up" --> Word Count (46)
UserId="16255" Comment="Fixed spelling, clean up" --> Word Count (5)
UserId="14542" Comment="added 21 characters in body" --> Word Count (56)
UserId="14542" Comment="added 31 characters in body" --> Word Count (90)
UserId="17325" Comment="added 1 character in body" --> Word Count (161)
UserId="843" --> Word Count (376)
UserId="17344" --> Word Count (101)
UserId="17344" --> Word Count (8)
UserId="17344" --> Word Count (1)
UserId="21" --> Word Count (92)
UserId="14586" --> Word Count (117)
UserId="14586" --> Word Count (11)
UserId="14586" --> Word Count (1)
UserId="16050" --> Word Count (73)
UserId="16050" --> Word Count (9)
UserId="16050" --> Word Count (1)
UserId="17355" --> Word Count (141)
UserId="17250" --> Word Count (20)
UserId="17359" --> Word Count (206)
UserId="17359" --> Word Count (3)
UserId="17359" --> Word Count (1)
UserId="3151" Comment="I added career and beginner tags." --> Word Count (1)
UserId="17360" --> Word Count (137)
UserId="17360" --> Word Count (12)
UserId="17360" --> Word Count (1)
UserId="381" --> Word Count (110)
UserId="836" --> Word Count (207)
UserId="836" Comment="added 660 characters in body" --> Word Count (326)
UserId="836" Comment="added 77 characters in body" --> Word Count (339)

UserId="836" Comment="added 377 characters in body" --> Word Count (405)
 UserId="381" --> Word Count (44)
 UserId="11097" --> Word Count (268)
 UserId="11097" Comment="added 5 characters in body" --> Word Count (269)
 UserId="836" Comment="added 470 characters in body" --> Word Count (505)
 UserId="836" Comment="added 470 characters in body" --> Word Count (522)
 UserId="17355" --> Word Count (132)
 UserId="17355" --> Word Count (7)
 UserId="17355" --> Word Count (1)
 UserId="17381" --> Word Count (182)
 UserId="17381" --> Word Count (9)
 UserId="17381" --> Word Count (1)
 UserId="843" Comment="add tags~~~~~" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="843" --> Word Count (458)
 UserId="17385" --> Word Count (81)
 UserId="17385" --> Word Count (6)
 UserId="17385" --> Word Count (1)
 UserId="12515" --> Word Count (157)
 UserId="12515" --> Word Count (8)
 UserId="12515" --> Word Count (1)
 UserId="15693" --> Word Count (72)
 UserId="15693" --> Word Count (9)
 UserId="15693" --> Word Count (1)
 UserId="843" Comment="edited tags" --> Word Count (1)
 UserId="847" --> Word Count (137)
 UserId="964" --> Word Count (247)
 UserId="17392" --> Word Count (25)
 UserId="381" Comment="deleted 6 characters in body" --> Word Count (49)
 UserId="9123" Comment="added 26 characters in body" --> Word Count (194)
 UserId="17355" --> Word Count (76)
 UserId="15690" --> Word Count (12)
 UserId="1352" Comment="remove thanks" --> Word Count (20)
 UserId="17409" Comment="Answered weight question." --> Word Count (193)
 UserId="843" Comment="added 87 characters in body" --> Word Count (12)
 UserId="16050" --> Word Count (127)
 UserId="16050" --> Word Count (9)
 UserId="16050" --> Word Count (1)
 UserId="17415" --> Word Count (125)
 UserId="17415" --> Word Count (6)
 UserId="17415" --> Word Count (1)
 UserId="15501" --> Word Count (192)
 UserId="17423" --> Word Count (514)
 UserId="17423" --> Word Count (17)
 UserId="17423" --> Word Count (1)
 UserId="381" --> Word Count (62)
 UserId="381" Comment="edited body" --> Word Count (62)

UserId="381" Comment="edited title" --> Word Count (13)
 UserId="3044" --> Word Count (55)
 UserId="3044" --> Word Count (4)
 UserId="3044" --> Word Count (1)
 UserId="13046" --> Word Count (235)
 UserId="13046" --> Word Count (9)
 UserId="13046" --> Word Count (1)
 UserId="13046" Comment="edited tags" --> Word Count (1)
 UserId="676" --> Word Count (27)
 UserId="75" --> Word Count (108)
 UserId="15568" --> Word Count (121)
 UserId="15568" --> Word Count (3)
 UserId="15568" --> Word Count (1)
 UserId="2573" --> Word Count (161)
 UserId="8465" --> Word Count (75)
 UserId="8465" Comment="deleted 2 characters in body" --> Word Count (75)
 UserId="17119" --> Word Count (246)
 UserId="17119" --> Word Count (3)
 UserId="17119" --> Word Count (1)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="17446" --> Word Count (87)
 UserId="17444" --> Word Count (49)
 UserId="17444" --> Word Count (7)
 UserId="17444" --> Word Count (1)
 UserId="17446" Comment="added 40 characters in body" --> Word Count (93)
 UserId="17450" --> Word Count (129)
 UserId="17450" --> Word Count (19)
 UserId="17450" --> Word Count (1)
 UserId="12384" --> Word Count (64)
 UserId="17423" Comment="added 234 characters in body" --> Word Count (558)
 UserId="11007" --> Word Count (26)
 UserId="17462" --> Word Count (80)
 UserId="17451" Comment="added information about data I need" --> Word Count (192)
 UserId="17469" --> Word Count (68)
 UserId="17469" --> Word Count (8)
 UserId="17469" --> Word Count (1)
 UserId="17464" --> Word Count (35)
 UserId="17464" Comment="via Vote" --> Word Count (2)
 UserId="17464" --> Word Count (2)
 UserId="11097" Comment="added 17 characters in body" --> Word Count (108)
 <DELETE> --> Word Count (155)
 UserId="17404" Text="I have a large data set(460 Mb) which has a column - Log
 with 386551 rows.
I wish to use clustering and N-Gram approach to form
 word cloud. My code is as follows:


 library(readr)
 AMC <- read_csv("All
 Tickets.csv")
 Desc <- AMC[,4]

 #Very

```

large data hence breaking it down for creating corpus&#xD;&#xA;
#DataframeSource has been used insted of VectorSource is to be able to
handle the data&#xD;&#xA;&#xD;&#xA;    library(tm)&#xD;&#xA;    docs_new <-
data.frame(Desc)&#xD;&#xA;&#xD;&#xA;    test1 <-
docs_new[1:100000,]&#xD;&#xA;    test2 <- docs_new[100001:200000,]&#xD;&#xA;
test3 <- docs_new[200001:300000,]&#xD;&#xA;    test4 <-
docs_new[300001:386551,]&#xD;&#xA;    test1 <- data.frame(test1)&#xD;&#xA;
test1 <- Corpus(DataframeSource(test1))&#xD;&#xA;    test2 <-
data.frame(test2)&#xD;&#xA;    test2 <-
Corpus(DataframeSource(test2))&#xD;&#xA;    test3 <-
data.frame(test3)&#xD;&#xA;    test3 <-
Corpus(DataframeSource(test3))&#xD;&#xA;    test4 <-
data.frame(test4)&#xD;&#xA;    test4 <-
Corpus(DataframeSource(test4))&#xD;&#xA;&#xD;&#xA;    # attach all the
corpus&#xD;&#xA;    docs_new <-
c(test1,test2,test3,test4)&#xD;&#xA;&#xD;&#xA;    docs_new <-
tm_map(docs_new, tolower)&#xD;&#xA;    docs_new <- tm_map(docs_new,
removePunctuation)&#xD;&#xA;    docs_new <- tm_map(docs_new,
removeNumbers)&#xD;&#xA;    docs_new <- tm_map(docs_new, removeWords,
stopwords(kind = "en"))&#xD;&#xA;    docs_new <- tm_map(docs_new,
stripWhitespace)&#xD;&#xA;    docs_new <- tm_map(docs_new,
stemDocument)&#xD;&#xA;    docs_new <- tm_map(docs_new,
PlainTextDocument)&#xD;&#xA;&#xD;&#xA;    #tokenizer for tdm with
ngrams&#xD;&#xA;    library(RWeka)&#xD;&#xA;    options(mc.cores=1) &#xD;&#xA;
BigramTokenizer <- function(x) NGramTokenizer(x, Weka_control(min = 2, max
=2))&#xD;&#xA;    tdm <- TermDocumentMatrix(docs_new, control = list(tokenize
= BigramTokenizer))&#xD;&#xA;&#xD;&#xA;This is giving me results as
follows:&#xD;&#xA;&#xD;&#xA;    TermDocumentMatrix (terms: 1874071, documents:
386551)&#xD;&#xA;    Non-/sparse entries:
17313767/724406705354&#xD;&#xA;    Sparsity          : 100%&#xD;&#xA;
Maximal term length: 733&#xD;&#xA;    Weighting          : term frequency
(tf)&#xD;&#xA;&#xD;&#xA;I then converted it to dgMatrix using following
:&#xD;&#xA;&#xD;&#xA;    library("Matrix")&#xD;&#xA;    mat <-
sparseMatrix(i=tdm$i, j=tdm$j, x=tdm$v, dims=c(tdm$nrow,
tdm$ncol))&#xD;&#xA;&#xD;&#xA;While trying to use the following I am getting
memory size error:&#xD;&#xA;&#xD;&#xA;    removeSparseTerms(tdm,
0.2)&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;Please suggest further as I am new to -->
Word Count (2)
UserId="17404" Text=" --> Word Count (5)
UserId="17404" --> Word Count (1)
UserId="17473" Text="You are using R, and everything that you are currently
working on will be held in memory hence the error. You just don't have enough of
it. &#xD;&#xA;&#xD;&#xA;You might be better off creating the frequencies of the
terms from the original splits as opposed to creating one big file.
&#xD;&#xA;&#xD;&#xA;Then after you have the frequencies adding them all
together. &#xD;&#xA;&#xD;&#xA;Personally I use this code to create my
wordclouds.&#xD;&#xA;&#xD;&#xA;    ##Clean code for single column of a
dataframe, in this case named --> Word Count (201)

```

UserId="15568" Comment="added 1012 characters in body" --> Word Count (305)
 UserId="9988" --> Word Count (74)
 UserId="9988" --> Word Count (11)
 UserId="9988" --> Word Count (1)
 UserId="5143" --> Word Count (236)
 UserId="5143" --> Word Count (12)
 UserId="5143" --> Word Count (1)
 UserId="5143" Comment="added 211 characters in body" --> Word Count (270)
 UserId="17486" --> Word Count (188)
 UserId="17486" --> Word Count (9)
 UserId="17486" --> Word Count (1)
 UserId="17487" --> Word Count (690)
 UserId="17487" --> Word Count (6)
 UserId="17487" --> Word Count (1)
 UserId="21" --> Word Count (2)
 UserId="21" --> Word Count (2)
 UserId="2573" --> Word Count (130)
 UserId="14283" --> Word Count (193)
 UserId="14283" --> Word Count (7)
 UserId="14283" --> Word Count (1)
 UserId="843" Comment="added 179 characters in body" --> Word Count (68)
 UserId="13417" --> Word Count (293)
 UserId="13417" --> Word Count (7)
 UserId="13417" --> Word Count (1)
 UserId="381" Comment="added 66 characters in body" --> Word Count (353)
 UserId="12515" --> Word Count (128)
 UserId="12515" Comment="added 17 characters in body" --> Word Count (131)
 UserId="843" Comment="added 122 characters in body" --> Word Count (81)
 UserId="17503" --> Word Count (256)
 UserId="17503" --> Word Count (8)
 UserId="17503" --> Word Count (1)
 UserId="16827" --> Word Count (404)
 UserId="8650" --> Word Count (207)
 UserId="8650" --> Word Count (5)
 UserId="8650" --> Word Count (1)
 UserId="8650" Comment="added 240 characters in body" --> Word Count (255)
 <DELETE> --> Word Count (194)
 UserId="16284" --> Word Count (267)
 UserId="17511" --> Word Count (140)
 UserId="471" --> Word Count (739)
 UserId="8650" Comment="added 188 characters in body" --> Word Count (287)
 UserId="17518" --> Word Count (27)
 UserId="17518" --> Word Count (13)
 UserId="17518" --> Word Count (1)
 UserId="836" --> Word Count (160)
 UserId="16050" --> Word Count (195)
 UserId="16050" --> Word Count (8)
 UserId="16050" --> Word Count (1)

UserId="16050" Comment="added 6 characters in body" --> Word Count (196)
 UserId="17520" --> Word Count (135)
 UserId="17520" --> Word Count (12)
 UserId="17520" --> Word Count (1)
 UserId="17520" Comment="added 106 characters in body; edited title" --> Word Count (150)
 UserId="17520" Comment="added 106 characters in body; edited title" --> Word Count (12)
 UserId="17305" Comment="Added code" --> Word Count (3446)
 UserId="17305" Comment="deleted 20 characters in body" --> Word Count (3446)
 UserId="17531" --> Word Count (27)
 UserId="17531" Comment="added 68 characters in body" --> Word Count (39)
 UserId="17533" --> Word Count (13)
 UserId="9123" --> Word Count (766)
 UserId="9123" Comment="edited body" --> Word Count (770)
 UserId="9123" Comment="edited body" --> Word Count (772)
 UserId="16024" --> Word Count (154)
 UserId="16024" --> Word Count (7)
 UserId="16024" --> Word Count (1)
 UserId="17536" --> Word Count (64)
 UserId="17536" --> Word Count (3)
 UserId="17536" --> Word Count (1)
 UserId="471" --> Word Count (107)
 UserId="17535" --> Word Count (38)
 UserId="15613" --> Word Count (159)
 UserId="15613" --> Word Count (4)
 UserId="15613" --> Word Count (1)
 UserId="15501" Comment="Adressed comment" --> Word Count (434)
 UserId="10894" --> Word Count (53)
 UserId="10894" --> Word Count (6)
 UserId="10894" --> Word Count (1)
 UserId="16050" Comment="fixed second equation + constant" --> Word Count (198)
 UserId="17564" --> Word Count (75)
 UserId="17565" --> Word Count (113)
 UserId="17565" --> Word Count (15)
 UserId="17565" --> Word Count (1)
 UserId="2961" --> Word Count (306)
 UserId="15501" --> Word Count (222)
 UserId="16050" --> Word Count (88)
 UserId="15154" --> Word Count (70)
 UserId="15154" --> Word Count (9)
 UserId="15154" --> Word Count (1)
 UserId="1352" Comment="remove thanks/salutation/signature" --> Word Count (44)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="21" --> Word Count (191)
 UserId="12241" --> Word Count (86)
 UserId="11097" Comment="edited body" --> Word Count (189)
 UserId="11097" Comment="edited body" --> Word Count (1)

UserId="17318" --> Word Count (33)
 UserId="17318" --> Word Count (6)
 UserId="17318" --> Word Count (1)
 UserId="17583" --> Word Count (34)
 UserId="17583" --> Word Count (9)
 UserId="17583" --> Word Count (1)
 UserId="10301" --> Word Count (48)
 UserId="17520" Comment="edited title" --> Word Count (12)
 UserId="9123" Comment="deleted 4 characters in body" --> Word Count (771)
 UserId="16284" --> Word Count (109)
 UserId="12515" Comment="added 135 characters in body" --> Word Count (170)
 UserId="964" --> Word Count (253)
 UserId="17596" --> Word Count (198)
 UserId="17596" --> Word Count (13)
 UserId="17596" --> Word Count (1)
 UserId="16829" --> Word Count (59)
 UserId="16829" --> Word Count (8)
 UserId="16829" --> Word Count (1)
 UserId="17601" --> Word Count (48)
 UserId="16829" Comment="added 311 characters in body" --> Word Count (117)
 UserId="17602" --> Word Count (47)
 UserId="17602" --> Word Count (9)
 UserId="17602" --> Word Count (1)
 UserId="21" --> Word Count (122)
 UserId="9123" --> Word Count (115)
 UserId="9123" Comment="deleted 145 characters in body" --> Word Count (740)
 UserId="9123" Comment="added 212 characters in body" --> Word Count (151)
 UserId="847" --> Word Count (184)
 UserId="9123" --> Word Count (91)
 UserId="17614" --> Word Count (261)
 UserId="17614" --> Word Count (8)
 UserId="17614" --> Word Count (1)
 UserId="12527" Comment="Added some verbs, removed unnecessary caps, smoothed the english" --> Word Count (50)
 UserId="12527" Comment="Added some verbs, removed unnecessary caps, smoothed the english" --> Word Count (12)
 UserId="14904" Comment="Typo in title" --> Word Count (8)
 UserId="17614" Comment="Typo in title and Correction of the Problem " --> Word Count (307)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="17618" Text="Amazon's
 [Alexa](<https://developer.amazon.com/public/solutions/alexa/alexa-skills-kit/docs/defining-the-voice-interface>), Nuance's
 [Mix](https://developer.nuance.com/mix/nlu/docs/natural-language-understanding/About_Mix.nlu.html#developing-an-nlu-model) and Facebook's
 [Wit.ai](<https://wit.ai/docs/console/quickstart>) all use a similar system to specify how to convert a text command into an intent - i.e. something a computer would understand. I'm not sure what the "official" name for this is

but I call it "intent recognition". Basically a way to go from "please set my lights to 50% brightness" to ``lights.setBrightness(0.50)``. The way they are specified is by having the developer provide a list of "sample utterances" which are associated with an intent, and optionally tagged with locations of "entities" (basically parameters). Here's an example from Wit.ai: `[! [wit.ai example] [1]] [1]`. My question is: **how do these systems work?** Since they are all very similar I assume there is some seminal work that they all use. Does anyone know what it is? [1]:

<http://i.stack.imgur.com/mJlpP.png>; Interestingly [Houndify](<https://www.houndify.com/>) uses a different system that is more like regexes: ``["please"] . ("activate" | "enable" | "switch on" | "turn on") . [("the" | "my") . ("lights" | "lighting") . ["please"]``. I assume that is integrated into the beam search of their voice recognition system, whereas Alexa, Wit.ai and Mix seem to have separate Speech->Text and --> Word Count (2)

UserId="17618" --> Word Count (5)
 UserId="17618" --> Word Count (1)
 UserId="15569" --> Word Count (134)
 UserId="6514" --> Word Count (78)
 UserId="6514" --> Word Count (9)
 UserId="6514" --> Word Count (1)
 UserId="17618" Comment="added 344 characters in body" Text="Amazon's [Alexa](<https://developer.amazon.com/public/solutions/alexa/alexa-skills-kit/docs/defining-the-voice-interface>), Nuance's [Mix](https://developer.nuance.com/mix/nlu/docs/natural-language-understanding/About_Mix.nlu.html#developing-an-nlu-model) and Facebook's [Wit.ai](<https://wit.ai/docs/console/quickstart>) all use a similar system to specify how to convert a text command into an intent - i.e. something a computer would understand. I'm not sure what the "official" name for this is but I call it "intent recognition". Basically a way to go from "please set my lights to 50% brightness" to ``lights.setBrightness(0.50)``. The way they are specified is by having the developer provide a list of "sample utterances" which are associated with an intent, and optionally tagged with locations of "entities" (basically parameters). Here's an example from Wit.ai: `[! [wit.ai example] [1]] [1]`. My question is: **how do these systems work?** Since they are all very similar I assume there is some seminal work that they all use. Does anyone know what it is? [1]:

<http://i.stack.imgur.com/mJlpP.png>; Interestingly [Houndify](<https://www.houndify.com/>) uses a different system that is more like regexes: ``["please"] . ("activate" | "enable" | "switch on" | "turn on") . [("the" | "my") . ("lights" | "lighting") . ["please"]``. I assume that is integrated into the beam search of their

voice recognition system, whereas Alexa, Wit.ai and Mix seem to have separate Speech->Text and --> Word Count (49)

UserId="17618" Comment="added 264 characters in body" Text="Amazon's [Alexa] (<https://developer.amazon.com/public/solutions/alexa/alexa-skills-kit/docs/defining-the-voice-interface>), Nuance's [Mix] (https://developer.nuance.com/mix/nlu/docs/natural-language-understanding/About_Mix.nlu.html#developing-an-nlu-model) and Facebook's [Wit.ai] (<https://wit.ai/docs/console/quickstart>) all use a similar system to specify how to convert a text command into an intent - i.e. something a computer would understand. I'm not sure what the "official" name for this is but I call it "intent recognition". Basically a way to go from "please set my lights to 50% brightness" to `lights.setBrightness(0.50)`. The way they are specified is by having the developer provide a list of "sample utterances" which are associated with an intent, and optionally tagged with locations of "entities" (basically parameters). Here's an example from Wit.ai: [! [wit.ai example] [1]] [1] My question is: **how do these systems work?** Since they are all very similar I assume there is some seminal work that they all use. Does anyone know what it is? [1]: <http://i.stack.imgur.com/mJlpP.png> Interestingly [Houndify] (<https://www.houndify.com/>) uses a different system that is more like regexes: `"please"` . (`"activate"` | `"enable"` | `"switch on"` | `"turn on"`) . (`"the"` | `"my"`) . (`"lights"` | `"lighting"`) . `"please"`. I assume that is integrated into the beam search of their voice recognition system, whereas Alexa, Wit.ai and Mix seem to have separate Speech->Text and --> Word Count (96)

UserId="17618" Comment="added 136 characters in body" Text="Amazon's [Alexa] (<https://developer.amazon.com/public/solutions/alexa/alexa-skills-kit/docs/defining-the-voice-interface>), Nuance's [Mix] (https://developer.nuance.com/mix/nlu/docs/natural-language-understanding/About_Mix.nlu.html#developing-an-nlu-model) and Facebook's [Wit.ai] (<https://wit.ai/docs/console/quickstart>) all use a similar system to specify how to convert a text command into an intent - i.e. something a computer would understand. I'm not sure what the "official" name for this is but I call it "intent recognition". Basically a way to go from "please set my lights to 50% brightness" to `lights.setBrightness(0.50)`. The way they are specified is by having the developer provide a list of "sample utterances" which are associated with an intent, and optionally tagged with locations of "entities" (basically parameters). Here's an example from Wit.ai: [! [wit.ai example] [1]] [1] My question is: **how do these systems work?** Since they are all very similar I assume there is some seminal work that they all use. Does anyone know what it is? [1]: <http://i.stack.imgur.com/mJlpP.png> Interestingly [Houndify] (<https://www.houndify.com/>) uses a different system that is more like

```

regexes: `[";please"] . ("activate" | "enable" |
";switch on" | ";turn on";) . [("the" |
";my");] . ("lights" | ";lighting";) .
[";please"];`. I assume that is integrated into the beam search of their
voice recognition system, whereas Alexa, Wit.ai and Mix seem to have separate
Speech->Text and --> Word Count (107)
UserId="17487" --> Word Count (400)
UserId="17487" --> Word Count (4)
UserId="17487" --> Word Count (1)
UserId="12443" --> Word Count (24)
UserId="12443" --> Word Count (8)
UserId="12443" --> Word Count (1)
UserId="17397" --> Word Count (179)
UserId="12443" --> Word Count (47)
UserId="12443" --> Word Count (13)
UserId="12443" --> Word Count (1)
UserId="10462" --> Word Count (40)
UserId="836" Comment="Tidying up and fixing links" --> Word Count (392)
UserId="12855" --> Word Count (56)
UserId="9774" --> Word Count (75)
UserId="9774" --> Word Count (6)
UserId="9774" --> Word Count (1)
UserId="9774" Comment="deleted 3 characters in body" --> Word Count (72)
UserId="21" Comment="105" --> Word Count (2)
UserId="17644" --> Word Count (76)
UserId="17644" --> Word Count (8)
UserId="17644" --> Word Count (1)
UserId="17619" --> Word Count (101)
UserId="17619" --> Word Count (12)
UserId="17619" --> Word Count (1)
UserId="13291" --> Word Count (210)
UserId="13291" --> Word Count (8)
UserId="13291" --> Word Count (1)
UserId="13291" Comment="added update section" --> Word Count (359)
UserId="13291" Comment="added 135 characters in body" --> Word Count (372)
UserId="807" --> Word Count (36)
UserId="807" --> Word Count (6)
UserId="807" --> Word Count (1)
UserId="17614" --> Word Count (186)
UserId="16872" --> Word Count (109)
UserId="2573" --> Word Count (524)
UserId="12515" --> Word Count (290)
UserId="17659" --> Word Count (159)
UserId="17659" --> Word Count (11)
UserId="17659" --> Word Count (1)
UserId="924" --> Word Count (202)
UserId="17485" --> Word Count (114)
UserId="17660" --> Word Count (29)

```


UserId="16310" --> Word Count (73)
 UserId="16310" --> Word Count (11)
 UserId="16310" --> Word Count (1)
 UserId="17663" --> Word Count (301)
 UserId="17663" --> Word Count (9)
 UserId="17663" --> Word Count (1)
 UserId="17659" Comment="edited title" --> Word Count (11)
 UserId="17397" --> Word Count (182)
 UserId="17670" Text="I am currently conducting some analysis using NTSB aviation accident database. There is cause statements for most of the aviation incidents in this dataset that describes the factor that would lead to such event. 

One of my objective here is to try to group the causes, clustering is one of way to solve this kind of problem. I performed the followings prior to the beginning of k-means cluster:

1. Stop-word removal, that is, to remove some common functional words in the text
2. --> Word Count (481)
 UserId="17670" --> Word Count (8)
 UserId="17670" --> Word Count (1)
 UserId="17670" Comment="added 5 characters in body" Text="I am currently conducting some analysis using NTSB aviation accident database. There are cause statements for most of the aviation incidents in this dataset that describe the factors lead to such event. 

One of my objectives here is to try to group the causes, clustering is a feasible way to solve this kind of problem. I performed the followings prior to the beginning of k-means cluster:

1. Stop-word removal, that is, to remove some common functional words in the text
2. --> Word Count (482)
 UserId="17670" Comment="added 13 characters in body" Text="I am currently conducting some analysis using NTSB aviation accident database. There are cause statements for most of the aviation incidents in this dataset that describe the factors lead to such event. 

One of my objectives here is to try to group the causes, and clustering seems to be a feasible way to solve this kind of problem. I performed the followings prior to the beginning of k-means clustering:

1. Stop-word removal, that is, to remove some common functional words in the text
2. --> Word Count (482)
 UserId="17670" Comment="added 13 characters in body" --> Word Count (8)
 UserId="843" --> Word Count (41)
 UserId="843" --> Word Count (5)
 UserId="843" --> Word Count (1)
 UserId="843" --> Word Count (35)
 UserId="924" --> Word Count (205)
 UserId="17571" --> Word Count (83)
 UserId="17571" --> Word Count (7)
 UserId="17571" --> Word Count (1)
 UserId="17208" --> Word Count (230)
 UserId="843" Comment="added 99 characters in body" --> Word Count (56)
 UserId="843" Comment="edited tags" --> Word Count (1)
 UserId="843" Comment="edited tags" --> Word Count (1)
 UserId="1352" Comment="remove thanks" --> Word Count (121)

UserId="17694" --> Word Count (64)
 UserId="17696" --> Word Count (223)
 UserId="6550" --> Word Count (118)
 UserId="6550" Comment="deleted 5 characters in body" --> Word Count (117)
 UserId="17699" --> Word Count (70)
 UserId="17699" --> Word Count (12)
 UserId="17699" --> Word Count (1)
 UserId="11141" --> Word Count (25)
 UserId="17699" --> Word Count (100)
 UserId="11141" --> Word Count (26)
 UserId="11141" --> Word Count (12)
 UserId="11141" --> Word Count (1)
 UserId="11141" --> Word Count (67)
 UserId="12515" --> Word Count (186)
 UserId="12515" Comment="added 15 characters in body" --> Word Count (188)
 UserId="16302" --> Word Count (309)
 UserId="17702" --> Word Count (808)
 UserId="17702" --> Word Count (3)
 UserId="17702" --> Word Count (1)
 UserId="16024" --> Word Count (177)
 UserId="17702" Comment="edited tags" --> Word Count (1)
 UserId="11097" Comment="edited body" --> Word Count (808)
 UserId="471" --> Word Count (263)
 UserId="2573" --> Word Count (180)
 UserId="836" --> Word Count (261)
 UserId="836" Comment="added 30 characters in body" --> Word Count (272)
 UserId="17712" --> Word Count (103)
 UserId="17712" --> Word Count (9)
 UserId="17712" --> Word Count (1)
 UserId="12443" --> Word Count (153)
 UserId="12443" --> Word Count (9)
 UserId="12443" --> Word Count (1)
 <DELETE> --> Word Count (163)
 <DELETE> --> Word Count (6)
 <DELETE> --> Word Count (1)
 UserId="381" --> Word Count (116)
 UserId="17712" Comment="via Vote" --> Word Count (2)
 UserId="17712" --> Word Count (2)
 UserId="836" --> Word Count (151)
 UserId="16538" --> Word Count (22)
 UserId="843" Comment="edited tags" --> Word Count (1)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="676" Comment="coolness removed" --> Word Count (67)
 UserId="17726" Comment="improved formatting" --> Word Count (72)
 UserId="17726" Comment="improved formatting" --> Word Count (14)
 UserId="807" Comment="added 357 characters in body" --> Word Count (94)
 UserId="16284" --> Word Count (31)
 UserId="16284" Comment="added tag data cleaning" --> Word Count (1)

UserId="12515" Comment="added 8 characters in body" --> Word Count (189)
 UserId="26" --> Word Count (156)
 UserId="26" --> Word Count (6)
 UserId="26" --> Word Count (1)
 UserId="16284" Comment="improved formatting of code snippet and bolding" -->
 Word Count (309)
 UserId="16284" Comment="added tag image classification" --> Word Count (1)
 UserId="16284" Comment="added visualisation tag" --> Word Count (1)
 UserId="16284" Comment="added text mining tag" --> Word Count (1)
 UserId="17461" --> Word Count (109)
 UserId="10834" --> Word Count (186)
 UserId="10834" --> Word Count (7)
 UserId="10834" --> Word Count (1)
 UserId="17752" --> Word Count (271)
 UserId="17752" --> Word Count (10)
 UserId="17752" --> Word Count (1)
 UserId="17757" --> Word Count (8)
 UserId="10879" --> Word Count (133)
 UserId="10879" --> Word Count (10)
 UserId="10879" --> Word Count (1)
 UserId="11034" --> Word Count (58)
 UserId="11034" --> Word Count (6)
 UserId="11034" --> Word Count (1)
 UserId="16284" Comment="added new tag" --> Word Count (1)
 UserId="17208" --> Word Count (325)
 UserId="17208" --> Word Count (220)
 UserId="17766" --> Word Count (122)
 UserId="5041" Comment="fixing typos" --> Word Count (248)
 UserId="5041" Comment="fixing typos" --> Word Count (4)
 UserId="12515" --> Word Count (523)
 UserId="12515" --> Word Count (12)
 UserId="12515" --> Word Count (1)
 UserId="9814" --> Word Count (205)
 UserId="17776" --> Word Count (190)
 UserId="17776" --> Word Count (3)
 UserId="17776" --> Word Count (1)
 UserId="17780" --> Word Count (42)
 UserId="17780" --> Word Count (7)
 UserId="17780" --> Word Count (1)
 UserId="15569" --> Word Count (29)
 UserId="15569" --> Word Count (16)
 UserId="15569" --> Word Count (1)
 UserId="11097" Comment="deleted 8 characters in body; edited title" --> Word
 Count (34)
 UserId="11097" Comment="deleted 8 characters in body; edited title" --> Word
 Count (9)
 UserId="17781" --> Word Count (73)
 UserId="17781" --> Word Count (6)

UserId="17781" --> Word Count (1)
 UserId="11097" --> Word Count (110)
 UserId="11097" Comment="added 3 characters in body" --> Word Count (73)
 UserId="676" Comment="word removed" --> Word Count (109)
 UserId="17784" --> Word Count (203)
 UserId="17784" --> Word Count (6)
 UserId="17784" --> Word Count (1)
 UserId="2573" --> Word Count (275)
 UserId="676" Comment="conv. neuron net -> conv. neural net" --> Word Count (204)
 UserId="676" Comment="conv. neuron net -> conv. neural net" --> Word Count (6)
 UserId="15762" --> Word Count (130)
 UserId="15762" --> Word Count (4)
 UserId="15762" --> Word Count (1)
 UserId="16284" Comment="added distance tag" --> Word Count (1)
 UserId="2573" --> Word Count (156)
 UserId="11097" --> Word Count (82)
 UserId="15361" --> Word Count (10)
 UserId="17699" --> Word Count (131)
 UserId="12515" --> Word Count (129)
 UserId="5091" --> Word Count (95)
 UserId="16704" --> Word Count (149)
 UserId="17795" --> Word Count (148)
 UserId="17795" --> Word Count (13)
 UserId="17795" --> Word Count (1)
 UserId="12515" --> Word Count (189)
 UserId="12515" Comment="added 3 characters in body" --> Word Count (129)
 UserId="8820" --> Word Count (133)
 UserId="17800" --> Word Count (67)
 UserId="15613" --> Word Count (610)
 UserId="15613" --> Word Count (6)
 UserId="15613" --> Word Count (1)
 UserId="381" --> Word Count (83)
 UserId="26" Comment="added 81 characters in body" --> Word Count (199)
 UserId="924" --> Word Count (143)
 UserId="12241" --> Word Count (159)
 UserId="16284" Comment="Added couple of tags that might be relavent solutions" --> Word Count (1)
 UserId="17795" Comment="changed "logical" to "logistic"," --> Word Count (148)
 UserId="9123" --> Word Count (198)
 UserId="9123" Comment="added 154 characters in body" --> Word Count (225)
 UserId="9123" Comment="added 4 characters in body" --> Word Count (225)
 UserId="15361" --> Word Count (36)
 UserId="17696" --> Word Count (122)
 UserId="17696" --> Word Count (23)
 UserId="17699" --> Word Count (117)

UserId="17699" --> Word Count (13)
 UserId="17699" --> Word Count (1)
 UserId="924" Comment="ISBN and more metadata, link distance functions" --> Word Count (160)
 UserId="17806" --> Word Count (221)
 UserId="17806" --> Word Count (396)
 UserId="13291" --> Word Count (1424)
 UserId="13291" --> Word Count (6)
 UserId="13291" --> Word Count (1)
 UserId="17809" --> Word Count (335)
 UserId="17809" Comment="added 176 characters in body" --> Word Count (366)
 UserId="17809" Comment="added 161 characters in body" --> Word Count (389)
 UserId="17809" Comment="added 161 characters in body" --> Word Count (443)
 UserId="17814" --> Word Count (24)
 UserId="17814" --> Word Count (7)
 UserId="17814" --> Word Count (1)
 UserId="17815" --> Word Count (142)
 UserId="17815" --> Word Count (6)
 UserId="17815" --> Word Count (1)
 UserId="16284" --> Word Count (159)
 UserId="471" Comment="This is vanilla R and not RStudio - removed tag" --> Word Count (1)
 UserId="12515" --> Word Count (96)
 UserId="12515" Comment="added 266 characters in body" --> Word Count (140)
 UserId="12866" --> Word Count (73)
 UserId="12866" --> Word Count (12)
 UserId="12866" --> Word Count (1)
 UserId="17806" --> Word Count (407)
 UserId="12515" Comment="added 58 characters in body" --> Word Count (181)
 UserId="12515" Comment="edited body" --> Word Count (181)
 UserId="12515" --> Word Count (187)
 UserId="12515" Comment="added 1 character in body" --> Word Count (187)
 UserId="17806" Comment="added 10 characters in body" --> Word Count (409)
 UserId="15693" --> Word Count (65)
 UserId="15693" --> Word Count (9)
 UserId="15693" --> Word Count (1)
 UserId="10135" --> Word Count (54)
 UserId="17806" --> Word Count (130)
 UserId="16284" Comment="silly quote mark being wrong" --> Word Count (159)
 UserId="9123" --> Word Count (113)
 UserId="9123" --> Word Count (7)
 UserId="9123" --> Word Count (1)
 UserId="12947" --> Word Count (330)
 UserId="12947" --> Word Count (8)
 UserId="12947" --> Word Count (1)
 UserId="16135" --> Word Count (111)
 UserId="16135" --> Word Count (8)
 UserId="16135" --> Word Count (1)

UserId="17828" --> Word Count (139)
 UserId="17828" --> Word Count (10)
 UserId="17828" --> Word Count (1)
 UserId="381" --> Word Count (147)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="16284" Comment="added supervised learning tag" --> Word Count (1)
 UserId="17801" Comment="clarification" --> Word Count (94)
 UserId="381" Comment="added 517 characters in body" --> Word Count (228)
 UserId="16712" --> Word Count (115)
 UserId="16712" --> Word Count (3)
 UserId="16712" --> Word Count (1)
 UserId="16712" Comment="added 38 characters in body" --> Word Count (119)
 UserId="12241" --> Word Count (80)
 UserId="12241" --> Word Count (5)
 UserId="12241" --> Word Count (1)
 UserId="6514" --> Word Count (74)
 UserId="6514" --> Word Count (5)
 UserId="6514" --> Word Count (1)
 UserId="17814" Comment="added 440 characters in body" --> Word Count (105)
 UserId="12876" Comment="Corrected spelling in title." --> Word Count (3)
 UserId="17841" Text="I have used the keras example code of Image Captioning in that I have used the VGG pretrained model for extracting image features(4096) and for text part I have done indexing to the unique words and post zero padding according the max caption length(which is equal the length of biggest sentence in data) and for next words I created a numpy array of (number of example, vocabulary size) vocabulary size is equal to number of unique words in data. The next words is a 1's 0's matrix 1 means present of word in the sentence 0 absence.

for predicting what should be given exactly in partial caption and in next words if we consider "cat sat on mat".

And in training data I am appending "START" and "END" tokens in the start and end of training captions.

here is my code:

correct me if I am doing wrong in code

 from keras.models import Sequential
 from keras.layers.core import Dense, Dropout, Activation, Flatten
 from keras.layers.convolutional import Convolution2D, MaxPooling2D, ZeroPadding2D
 from keras.optimizers import SGD, Adadelata, Adagrad
 from keras.utils import np_utils, generic_utils
 from keras.callbacks import EarlyStopping
 from keras.layers.advanced_activations import PReLU, LeakyReLU
 from keras.layers import Embedding,GRU,TimeDistributedDense,RepeatVector,Merge
 from keras.preprocessing.text import one_hot
 from keras.preprocessing import sequence
 import cv2
 import numpy as np
 
 max_caption_len = 21
 vocab_size = 43
 def VGG_16(weights_path=None):
 model = Sequential()
 model.add(ZeroPadding2D((1,1),input_shape=(3,224,224)))
 model.add(Convolution2D(64, 3, 3, activation='relu'))


```

model.add(ZeroPadding2D((1,1)))&#xD;&#xA;          model.add(Convolution2D(64, 3,
3, activation='relu'))&#xD;&#xA;          model.add(MaxPooling2D((2,2),
strides=(2,2)))&#xD;&#xA;          &#xD;&#xA;
model.add(ZeroPadding2D((1,1)))&#xD;&#xA;          model.add(Convolution2D(128, 3,
3, activation='relu'))&#xD;&#xA;
model.add(ZeroPadding2D((1,1)))&#xD;&#xA;          model.add(Convolution2D(128, 3,
3, activation='relu'))&#xD;&#xA;          model.add(MaxPooling2D((2,2),
strides=(2,2)))&#xD;&#xA;          &#xD;&#xA;
model.add(ZeroPadding2D((1,1)))&#xD;&#xA;          model.add(Convolution2D(256, 3,
3, activation='relu'))&#xD;&#xA;
model.add(ZeroPadding2D((1,1)))&#xD;&#xA;          model.add(Convolution2D(256, 3,
3, activation='relu'))&#xD;&#xA;
model.add(ZeroPadding2D((1,1)))&#xD;&#xA;          model.add(Convolution2D(256, 3,
3, activation='relu'))&#xD;&#xA;          model.add(MaxPooling2D((2,2),
strides=(2,2)))&#xD;&#xA;          &#xD;&#xA;
model.add(ZeroPadding2D((1,1)))&#xD;&#xA;          model.add(Convolution2D(512, 3,
3, activation='relu'))&#xD;&#xA;
model.add(ZeroPadding2D((1,1)))&#xD;&#xA;          model.add(Convolution2D(512, 3,
3, activation='relu'))&#xD;&#xA;
model.add(ZeroPadding2D((1,1)))&#xD;&#xA;          model.add(Convolution2D(512, 3,
3, activation='relu'))&#xD;&#xA;          model.add(MaxPooling2D((2,2),
strides=(2,2)))&#xD;&#xA;          &#xD;&#xA;
model.add(ZeroPadding2D((1,1)))&#xD;&#xA;          model.add(Convolution2D(512, 3,
3, activation='relu'))&#xD;&#xA;
model.add(ZeroPadding2D((1,1)))&#xD;&#xA;          model.add(Convolution2D(512, 3,
3, activation='relu'))&#xD;&#xA;          model.add(MaxPooling2D((2,2),
strides=(2,2)))&#xD;&#xA;          &#xD;&#xA;
model.add(Dense(4096, activation='relu'))&#xD;&#xA;
model.add(Dropout(0.5))&#xD;&#xA;          model.add(Dense(4096,
activation='relu'))&#xD;&#xA;          model.add(Dropout(0.5))&#xD;&#xA;
model.add(Dense(1000, activation='softmax'))&#xD;&#xA;          &#xD;&#xA;          if
weights_path:&#xD;&#xA;          model.load_weights(weights_path)&#xD;&#xA;
&#xD;&#xA;          #Remove the last two layers to get the 4096D
activations&#xD;&#xA;          model.layers.pop()&#xD;&#xA;
model.layers.pop()&#xD;&#xA;          &#xD;&#xA;          return model&#xD;&#xA;
print &quot;VGG loading&quot;&#xD;&#xA;          image_model =
VGG_16('vgg16_weights.h5')&#xD;&#xA;          image_model.trainable = False&#xD;&#xA;
print &quot;VGG loaded&quot;&#xD;&#xA;          # let's load the weights from a save
file.&#xD;&#xA;          # image_model.load_weights('weight_file.h5')&#xD;&#xA;
&#xD;&#xA;          # next, let's define a RNN model that encodes sequences of
words&#xD;&#xA;          # into sequences of 128-dimensional word vectors.&#xD;&#xA;
print &quot;Text model loading&quot;&#xD;&#xA;          language_model =
Sequential()&#xD;&#xA;          language_model.add(Embedding(vocab_size, 256,
input_length=max_caption_len))&#xD;&#xA;
language_model.add(GRU(output_dim=128, return_sequences=True))&#xD;&#xA;
language_model.add(TimeDistributedDense(128))&#xD;&#xA;          print &quot;Text

```

```

model_loaded")&#xD;&#xA;    # let's repeat the image vector to turn it into
a sequence.&#xD;&#xA;    print "Repeat model loading"&#xD;&#xA;
image_model.add(RepeatVector(max_caption_len))&#xD;&#xA;    print "Repeat
model loaded"&#xD;&#xA;    # the output of both models will be tensors of
shape (samples, max_caption_len, 128).&#xD;&#xA;    # let's concatenate these 2
vector sequences.&#xD;&#xA;    print "Merging"&#xD;&#xA;    model =
Sequential()&#xD;&#xA;    model.add(Merge([image_model, language_model],
mode='concat', concat_axis=-1))&#xD;&#xA;    # let's encode this vector sequence
into a single vector&#xD;&#xA;    model.add(GRU(256,
return_sequences=False))&#xD;&#xA;    # which will be used to compute a
probability&#xD;&#xA;    # distribution over what the next word in the caption
should be!&#xD;&#xA;    model.add(Dense(vocab_size))&#xD;&#xA;
model.add(Activation('softmax'))&#xD;&#xA;    &#xD;&#xA;
model.compile(loss='categorical_crossentropy', optimizer='rmsprop')&#xD;&#xA;
print "Merged"&#xD;&#xA;    # "images" is a numpy float
array of shape (nb_samples, nb_channels=3, width, height).&#xD;&#xA;    #
"captions" is a numpy integer array of shape (nb_samples,
max_caption_len)&#xD;&#xA;    # containing word index sequences representing
partial captions.&#xD;&#xA;    # "next_words" is a numpy float array
of shape (nb_samples, vocab_size)&#xD;&#xA;    # containing a categorical
encoding (0s and 1s) of the next word in the corresponding&#xD;&#xA;    #
partial caption.&#xD;&#xA;    print "Data preprocessig"&#xD;&#xA;
Texts = ["START A girl is stretched out in shallow water
END",&#xD;&#xA;    "START The two people stand by a body of
water and in front of bushes in fall END",&#xD;&#xA;    "START
A blonde horse and a blonde girl in a black sweatshirt are staring at a fire in
a barrel END",&#xD;&#xA;    "START Children sit and watch the
fish moving in the pond END",&#xD;&#xA;    "START A fisherman
fishes at the bank of a foggy river END",&#xD;&#xA;    &#xD;&#xA;    Images
= ["667626_18933d713e.jpg",&#xD;&#xA;
"3637013_c675de7705.jpg",&#xD;&#xA;
"10815824_2997e03d76.jpg",&#xD;&#xA;
"12830823_87d2654e31.jpg",&#xD;&#xA;
"17273391_55cfc7d3d4.jpg",&#xD;&#xA;    images = []&#xD;&#xA;    for
image in Images:&#xD;&#xA;        img = cv2.imread(image)&#xD;&#xA;
img.resize((3,224,224))&#xD;&#xA;        images.append(img)&#xD;&#xA;    images
= np.asarray(images)&#xD;&#xA;    &#xD;&#xA;    words = [txt.split() for txt in
Texts]&#xD;&#xA;    unique = []&#xD;&#xA;    for word in words:&#xD;&#xA;
unique.extend(word)&#xD;&#xA;    unique = list(set(unique))&#xD;&#xA;
word_index = {}&#xD;&#xA;    index_word = {}&#xD;&#xA;    for i,word in
enumerate(unique):&#xD;&#xA;        word_index[word] = i&#xD;&#xA;
index_word[i] = word&#xD;&#xA;    &#xD;&#xA;    partial_captions = []&#xD;&#xA;
for text in Texts:&#xD;&#xA;        one = [word_index[txt] for txt in
text.split()&#xD;&#xA;        partial_captions.append(one)&#xD;&#xA;
&#xD;&#xA;    partial_captions = sequence.pad_sequences(partial_captions,
maxlen=max_caption_len,padding='post')&#xD;&#xA;    next_words =
np.zeros((5,vocab_size))&#xD;&#xA;    for i,text in enumerate( --> Word Count
(107)

```



```

UserId="17841" --> Word Count (6)
UserId="17841" --> Word Count (1)
UserId="11097" Comment="added 5 characters in body" Text="I have used the keras
example code of Image Captioning in that I have used the VGG pretrained model
for extracting image features(4096) and for text part I have done indexing to
the unique words and post zero padding according the max caption length(which is
equal the length of biggest sentence in data) and for next words I created a
numpy array of (number of example, vocabulary size) vocabulary size is equal to
number of unique words in data. The next words is a 1's 0's matrix 1 means
present of word in the sentence 0 absence.&#xD;&#xA;&#xD;&#xA;for predicting
what should be given exactly in partial caption and in next words if we consider
"cat sat on mat".&#xD;&#xA;&#xD;&#xA;And in training data I am
appending "START" and "END" tokens in the start and end of
training captions.&#xD;&#xA;&#xD;&#xA;here is my
code:&#xD;&#xA;&#xD;&#xA;correct me if I am doing wrong in
code&#xD;&#xA;&#xD;&#xA;    from keras.models import Sequential&#xD;&#xA;
from keras.layers.core import Dense, Dropout, Activation, Flatten&#xD;&#xA;
from keras.layers.convolutional import Convolution2D, MaxPooling2D,
ZeroPadding2D&#xD;&#xA;    from keras.optimizers import SGD, Adadelta,
Adagrad&#xD;&#xA;    from keras.utils import np_utils, generic_utils&#xD;&#xA;
from keras.callbacks import EarlyStopping&#xD;&#xA;    from
keras.layers.advanced_activations import PReLU, LeakyReLU&#xD;&#xA;    from
keras.layers import
Embedding,GRU,TimeDistributedDense,RepeatVector,Merge&#xD;&#xA;    from
keras.preprocessing.text import one_hot&#xD;&#xA;    from keras.preprocessing
import sequence&#xD;&#xA;    import cv2&#xD;&#xA;    import numpy as
np&#xD;&#xA;    &#xD;&#xA;    max_caption_len = 21&#xD;&#xA;    vocab_size =
43&#xD;&#xA;    def VGG_16(weights_path=None):&#xD;&#xA;        model =
Sequential()&#xD;&#xA;
model.add(ZeroPadding2D((1,1),input_shape=(3,224,224)))&#xD;&#xA;
model.add(Convolution2D(64, 3, 3, activation='relu'))&#xD;&#xA;
model.add(ZeroPadding2D((1,1)))&#xD;&#xA;        model.add(Convolution2D(64, 3,
3, activation='relu'))&#xD;&#xA;        model.add(MaxPooling2D((2,2),
strides=(2,2)))&#xD;&#xA;        &#xD;&#xA;
model.add(ZeroPadding2D((1,1)))&#xD;&#xA;        model.add(Convolution2D(128, 3,
3, activation='relu'))&#xD;&#xA;        model.add(Convolution2D(128, 3,
3, activation='relu'))&#xD;&#xA;        model.add(MaxPooling2D((2,2),
strides=(2,2)))&#xD;&#xA;        &#xD;&#xA;
model.add(ZeroPadding2D((1,1)))&#xD;&#xA;        model.add(Convolution2D(256, 3,
3, activation='relu'))&#xD;&#xA;        model.add(Convolution2D(256, 3,
3, activation='relu'))&#xD;&#xA;        model.add(Convolution2D(256, 3,
3, activation='relu'))&#xD;&#xA;        model.add(MaxPooling2D((2,2),
strides=(2,2)))&#xD;&#xA;        &#xD;&#xA;
model.add(ZeroPadding2D((1,1)))&#xD;&#xA;        model.add(Convolution2D(512, 3,
3, activation='relu'))&#xD;&#xA;

```

```

model.add(ZeroPadding2D((1,1)))&#xD;&#xA;          model.add(Convolution2D(512, 3,
3, activation='relu'))&#xD;&#xA;          model.add(Convolution2D(512, 3,
3, activation='relu'))&#xD;&#xA;          model.add(MaxPooling2D((2,2),
strides=(2,2)))&#xD;&#xA;          &#xD;&#xA;
model.add(ZeroPadding2D((1,1)))&#xD;&#xA;          model.add(Convolution2D(512, 3,
3, activation='relu'))&#xD;&#xA;          model.add(Convolution2D(512, 3,
3, activation='relu'))&#xD;&#xA;          model.add(Convolution2D(512, 3,
3, activation='relu'))&#xD;&#xA;          model.add(MaxPooling2D((2,2),
strides=(2,2)))&#xD;&#xA;          &#xD;&#xA;          model.add(Flatten())&#xD;&#xA;
model.add(Dense(4096, activation='relu'))&#xD;&#xA;
model.add(Dropout(0.5))&#xD;&#xA;          model.add(Dense(4096,
activation='relu'))&#xD;&#xA;          model.add(Dropout(0.5))&#xD;&#xA;
model.add(Dense(1000, activation='softmax'))&#xD;&#xA;          &#xD;&#xA;          if
weights_path:&#xD;&#xA;          model.load_weights(weights_path)&#xD;&#xA;
&#xD;&#xA;          #Remove the last two layers to get the 4096D
activations&#xD;&#xA;          model.layers.pop()&#xD;&#xA;
model.layers.pop()&#xD;&#xA;          &#xD;&#xA;          return model&#xD;&#xA;
print &quot;VGG loading&quot;&#xD;&#xA;          image_model =
VGG_16('vgg16_weights.h5')&#xD;&#xA;          image_model.trainable = False&#xD;&#xA;
print &quot;VGG loaded&quot;&#xD;&#xA;          # let's load the weights from a save
file.&#xD;&#xA;          # image_model.load_weights('weight_file.h5')&#xD;&#xA;
&#xD;&#xA;          # next, let's define a RNN model that encodes sequences of
words&#xD;&#xA;          # into sequences of 128-dimensional word vectors.&#xD;&#xA;
print &quot;Text model loading&quot;&#xD;&#xA;          language_model =
Sequential()&#xD;&#xA;          language_model.add(Embedding(vocab_size, 256,
input_length=max_caption_len))&#xD;&#xA;
language_model.add(GRU(output_dim=128, return_sequences=True))&#xD;&#xA;
language_model.add(TimeDistributedDense(128))&#xD;&#xA;          print &quot;Text
model loaded&quot;&#xD;&#xA;          # let's repeat the image vector to turn it into
a sequence.&#xD;&#xA;          print &quot;Repeat model loading&quot;&#xD;&#xA;
image_model.add(RepeatVector(max_caption_len))&#xD;&#xA;          print &quot;Repeat
model loaded&quot;&#xD;&#xA;          # the output of both models will be tensors of
shape (samples, max_caption_len, 128).&#xD;&#xA;          # let's concatenate these 2
vector sequences.&#xD;&#xA;          print &quot;Merging&quot;&#xD;&#xA;          model =
Sequential()&#xD;&#xA;          model.add(Merge([image_model, language_model],
mode='concat', concat_axis=-1))&#xD;&#xA;          # let's encode this vector sequence
into a single vector&#xD;&#xA;          model.add(GRU(256,
return_sequences=False))&#xD;&#xA;          # which will be used to compute a
probability&#xD;&#xA;          # distribution over what the next word in the caption
should be!&#xD;&#xA;          model.add(Dense(vocab_size))&#xD;&#xA;
model.add(Activation('softmax'))&#xD;&#xA;          &#xD;&#xA;
model.compile(loss='categorical_crossentropy', optimizer='rmsprop')&#xD;&#xA;
print &quot;Merged&quot;&#xD;&#xA;          # &quot;images&quot; is a numpy float
array of shape (nb_samples, nb_channels=3, width, height).&#xD;&#xA;          #
&quot;captions&quot; is a numpy integer array of shape (nb_samples,

```

```

max_caption_len)&#xD;&#xA;    # containing word index sequences representing
partial captions.&#xD;&#xA;    # &quot;next_words&quot; is a numpy float array
of shape (nb_samples, vocab_size)&#xD;&#xA;    # containing a categorical
encoding (0s and 1s) of the next word in the corresponding&#xD;&#xA;    #
partial caption.&#xD;&#xA;    print &quot;Data preprocessig&quot;&#xD;&#xA;
Texts = [&quot;START A girl is stretched out in shallow water
END&quot;;,&#xD;&#xA;    &quot;START The two people stand by a body of
water and in front of bushes in fall END&quot;;,&#xD;&#xA;    &quot;START
A blonde horse and a blonde girl in a black sweatshirt are staring at a fire in
a barrel END&quot;;,&#xD;&#xA;    &quot;START Children sit and watch the
fish moving in the pond END&quot;;,&#xD;&#xA;    &quot;START A fisherman
fishes at the bank of a foggy river END&quot;]&#xD;&#xA;    &#xD;&#xA;    Images
= [&quot;667626_18933d713e.jpg&quot;;,&#xD;&#xA;
&quot;3637013_c675de7705.jpg&quot;;,&#xD;&#xA;
&quot;10815824_2997e03d76.jpg&quot;;,&#xD;&#xA;
&quot;12830823_87d2654e31.jpg&quot;;,&#xD;&#xA;
&quot;17273391_55cfc7d3d4.jpg&quot;]&#xD;&#xA;    images = []&#xD;&#xA;    for
image in Images:&#xD;&#xA;        img = cv2.imread(image)&#xD;&#xA;
img.resize((3,224,224))&#xD;&#xA;        images.append(img)&#xD;&#xA;    images
= np.asarray(images)&#xD;&#xA;    &#xD;&#xA;    words = [txt.split() for txt in
Texts]&#xD;&#xA;    unique = []&#xD;&#xA;    for word in words:&#xD;&#xA;
unique.extend(word)&#xD;&#xA;    unique = list(set(unique))&#xD;&#xA;
word_index = {}&#xD;&#xA;    index_word = {}&#xD;&#xA;    for i,word in
enumerate(unique):&#xD;&#xA;        word_index[word] = i&#xD;&#xA;
index_word[i] = word&#xD;&#xA;    &#xD;&#xA;    partial_captions = []&#xD;&#xA;
for text in Texts:&#xD;&#xA;        one = [word_index[txt] for txt in
text.split()&#xD;&#xA;        partial_captions.append(one)&#xD;&#xA;
&#xD;&#xA;    partial_captions = sequence.pad_sequences(partial_captions,
maxlen=max_caption_len,padding='post')&#xD;&#xA;    next_words =
np.zeros((5,vocab_size))&#xD;&#xA;    for i,text in enumerate( --> Word Count
(107)
UserId="17290" --> Word Count (151)
UserId="3570" --> Word Count (111)
UserId="3570" Comment="formatted" --> Word Count (121)
UserId="17806" Text="It's not an easy question to answer even for groups with a
lot of leverage such as [Research Gate][1] (RG). RG has it's own (I assume
proprietary) `author matching algorithm` [which has caused problems in the
past][2].&#xD;&#xA;&#xD;&#xA;They use the name of the author (in different
combinations) to suggest [authorship to RG users][3] (so has you said, it does
causes a lot of problems). Every once in a while users that are not the author
accept the suggestions and, from the portal point of view, gain the equivalent
reputation. It's a serious business that requires quite a bit of R&D before
making a decision.&#xD;&#xA;&#xD;&#xA;That being said I can't answer with
certainties only with reasonable possibilities. A few questions I would make
(and hope to answer with a bit of data analysis):&#xD;&#xA;&#xD;&#xA;* What is
the probability that an author with a confirmed publication in an identified
journal will publish in that journal again? - **Journal
Name*&#xD;&#xA;&#xD;&#xA;* What is the probability that an author that has

```

partnered with other authors will repeat the same co-authoring combination?
****Co-author Names****

* What is the expected time story for publishing for each author? Authors rarely publish articles 20 years apart. Typically they publish more and more, or less and less. ****Time frame****

* How frequently do authors change the institution they belong to? ****Institution Name****

* What are the preferred keywords for a given author? ****Key Names****

* What are the preferred citations made by a given author?
****Bibliography****

All of the questions above require quite a bit of [Text Mining][4] and [String Matching][5], as well as solid dataset to start your mining.

Some publishers have their own [API][6] although I can't say much about permissiveness (never tried it myself). [RG has been promising one for years][7] but, as far as I know, it still does not [exist][8].

An unlikely thing I remember now is the inspiring story of [Aaron Swartz][9]. This activist, along with other persons, successfully managed to create large open archives for books and articles. Should that information still exist it might be worth your time to take a look [there][10].

Also if you have a list of the journals you are considering (you've mentioned only "doctors" which is a bit vague) you can try and see with the publisher if they have any way of accessing their database.

 [1]: <https://www.researchgate.net/home>
 [2]: http://www.scilogsg.com/in_scientio_veritas/researchgate-heal-thyself-please/
 [3]: <https://explore.researchgate.net/display/support/Authorship>
 [4]: <https://en.wikipedia.org/wiki/> --> Word Count (19)
 UserId="13915" --> Word Count (86)
 UserId="13915" --> Word Count (11)
 UserId="13915" --> Word Count (1)
 UserId="17397" --> Word Count (86)
 UserId="16928" --> Word Count (62)
 UserId="16928" --> Word Count (10)
 UserId="16928" --> Word Count (1)
 UserId="16928" Comment="added 157 characters in body; edited title" --> Word Count (88)
 UserId="16928" Comment="added 157 characters in body; edited title" --> Word Count (11)
 UserId="16676" --> Word Count (155)
 UserId="16676" --> Word Count (5)
 UserId="16676" --> Word Count (1)
 UserId="1127" --> Word Count (59)
 UserId="1127" --> Word Count (9)
 UserId="1127" --> Word Count (1)
 UserId="17877" --> Word Count (79)
 UserId="17877" --> Word Count (5)
 UserId="17877" --> Word Count (1)
 UserId="12876" Comment="Replaced map-reduce tag with apache-spark tag." --> Word Count (1)
 UserId="17877" Comment="added 216 characters in body" --> Word Count (150)

UserId="17877" Comment="edited tags" --> Word Count (1)
UserId="11097" Comment="deleted 23 characters in body" --> Word Count (147)
UserId="836" --> Word Count (183)
UserId="11097" Comment="added 27 characters in body" --> Word Count (185)
UserId="21" Comment="added 2 characters in body" --> Word Count (98)
UserId="9774" Comment="added 360 characters in body" --> Word Count (130)
UserId="14909" --> Word Count (41)
UserId="14909" --> Word Count (7)
UserId="14909" --> Word Count (1)
UserId="12492" --> Word Count (47)
UserId="17116" --> Word Count (21)
UserId="11097" Comment="added 16 characters in body" --> Word Count (103)
UserId="14909" Comment="added 248 characters in body" --> Word Count (122)
UserId="9197" --> Word Count (194)
UserId="9197" --> Word Count (8)
UserId="9197" --> Word Count (1)
UserId="9197" Comment="edited title" --> Word Count (9)
UserId="15361" --> Word Count (73)
UserId="9774" Comment="added 1 character in body" --> Word Count (130)
UserId="17886" --> Word Count (297)
UserId="17886" --> Word Count (10)
UserId="17886" --> Word Count (1)
UserId="17888" --> Word Count (23)
UserId="17888" --> Word Count (7)
UserId="17888" --> Word Count (1)
UserId="16284" --> Word Count (82)
UserId="11097" Comment="added 34 characters in body" --> Word Count (26)
UserId="10620" --> Word Count (366)
UserId="21" Comment="103" --> Word Count (2)
UserId="16284" Comment="added supervised learning tag" --> Word Count (1)
UserId="16284" Comment="improve answer" --> Word Count (88)
UserId="9197" Comment="added 147 characters in body" --> Word Count (221)
UserId="5044" --> Word Count (236)
UserId="5044" --> Word Count (7)
UserId="5044" --> Word Count (1)
UserId="5044" Comment="added 11 characters in body" --> Word Count (247)
UserId="5044" Comment="edited title" --> Word Count (10)
UserId="13915" Comment="added 1233 characters in body" --> Word Count (442)
UserId="1077" --> Word Count (145)
UserId="11097" Comment="edited title" --> Word Count (5)
UserId="5043" --> Word Count (181)
UserId="5043" --> Word Count (8)
UserId="5043" --> Word Count (1)
UserId="17899" --> Word Count (96)
UserId="17899" --> Word Count (4)
UserId="17899" --> Word Count (1)
UserId="16424" --> Word Count (47)
UserId="16424" --> Word Count (12)

UserId="16424" --> Word Count (1)
 UserId="381" --> Word Count (66)
 UserId="17899" Comment="added 283 characters in body; edited tags" --> Word Count (144)
 UserId="17899" Comment="added 283 characters in body; edited tags" --> Word Count (1)
 UserId="17899" Comment="deleted 14 characters in body" --> Word Count (142)
 UserId="21" --> Word Count (114)
 UserId="10620" Comment="added 92 characters in body" --> Word Count (385)
 UserId="15693" --> Word Count (56)
 UserId="15693" --> Word Count (6)
 UserId="15693" --> Word Count (1)
 UserId="5091" --> Word Count (47)
 UserId="836" --> Word Count (356)
 UserId="5091" --> Word Count (44)
 UserId="17904" --> Word Count (19)
 UserId="5091" --> Word Count (5)
 UserId="16284" Comment="added text mining and classification tags, removed dataset, as its very general" --> Word Count (1)
 UserId="17908" --> Word Count (63)
 UserId="17908" --> Word Count (14)
 UserId="17908" --> Word Count (1)
 UserId="381" Comment="added 4 characters in body" --> Word Count (66)
 UserId="381" Comment="added 2 characters in body" --> Word Count (228)
 UserId="16284" --> Word Count (310)
 UserId="17913" --> Word Count (60)
 UserId="17913" --> Word Count (9)
 UserId="17913" --> Word Count (1)
 UserId="9123" --> Word Count (312)
 UserId="17916" --> Word Count (85)
 UserId="17916" --> Word Count (9)
 UserId="17916" --> Word Count (1)
 UserId="17916" --> Word Count (67)
 UserId="17916" --> Word Count (8)
 UserId="17916" --> Word Count (1)
 UserId="434" Comment="104" --> Word Count (2)
 UserId="17910" Comment="fixed grammar and spelling" --> Word Count (58)
 UserId="17910" Comment="fixed grammar and spelling" --> Word Count (6)
 UserId="14070" --> Word Count (55)
 UserId="17397" --> Word Count (206)
 UserId="14379" --> Word Count (46)
 UserId="14379" --> Word Count (10)
 UserId="14379" --> Word Count (1)
 UserId="15527" --> Word Count (94)
 UserId="17916" Comment="edited tags" --> Word Count (1)
 UserId="17916" Comment="edited tags" --> Word Count (1)
 UserId="16284" --> Word Count (42)
 UserId="16928" Comment="added 99 characters in body" --> Word Count (100)

UserId="5043" --> Word Count (201)
UserId="5043" --> Word Count (7)
UserId="5043" --> Word Count (1)
UserId="13291" --> Word Count (121)
UserId="13291" --> Word Count (8)
UserId="13291" --> Word Count (1)
UserId="16591" --> Word Count (46)
UserId="12876" Comment="Formatting of \$, removed thanks" --> Word Count (58)
UserId="13686" --> Word Count (51)
UserId="924" --> Word Count (32)
UserId="924" --> Word Count (34)
UserId="9123" --> Word Count (292)
UserId="13736" --> Word Count (46)
UserId="13736" --> Word Count (18)
UserId="13736" --> Word Count (1)
UserId="381" --> Word Count (130)
UserId="381" Comment="added 67 characters in body" --> Word Count (130)
UserId="381" Comment="deleted 9 characters in body" --> Word Count (129)
UserId="17933" --> Word Count (267)
UserId="17933" --> Word Count (9)
UserId="17933" --> Word Count (1)
UserId="17908" Comment="added 222 characters in body" --> Word Count (97)
UserId="16538" --> Word Count (120)
UserId="9123" Comment="added 2 characters in body" --> Word Count (292)
UserId="16024" --> Word Count (124)
UserId="1352" Comment="remove cheers/signature" --> Word Count (18)
UserId="16284" Comment="added kmeans tag" --> Word Count (1)
UserId="17939" --> Word Count (38)
UserId="17939" --> Word Count (5)
UserId="17939" --> Word Count (1)
UserId="9123" --> Word Count (42)
UserId="17947" --> Word Count (342)
UserId="17947" --> Word Count (11)
UserId="17947" --> Word Count (1)
UserId="13562" --> Word Count (448)
UserId="13562" --> Word Count (4)
UserId="13562" --> Word Count (1)
UserId="17619" Comment="added 559 characters in body; edited tags" --> Word Count (201)
UserId="17619" Comment="added 559 characters in body; edited tags" --> Word Count (1)
UserId="5380" --> Word Count (39)
UserId="15690" Comment="Added a sample of the data" --> Word Count (322)
UserId="471" Comment="sentiment analysis, not sentimental, is the conventional term for this." --> Word Count (201)
UserId="471" Comment="sentiment analysis, not sentimental, is the conventional term for this." --> Word Count (7)
UserId="2573" --> Word Count (74)

UserId="16050" --> Word Count (64)
 UserId="16050" --> Word Count (14)
 UserId="16050" --> Word Count (1)
 UserId="17596" --> Word Count (96)
 UserId="17596" --> Word Count (11)
 UserId="17596" --> Word Count (1)
 UserId="17960" --> Word Count (38)
 UserId="17960" --> Word Count (6)
 UserId="17960" --> Word Count (1)
 UserId="17696" --> Word Count (88)
 UserId="16267" Comment="added 3 characters in body" --> Word Count (85)
 UserId="17971" --> Word Count (57)
 UserId="17971" --> Word Count (8)
 UserId="17971" --> Word Count (1)
 UserId="9086" --> Word Count (58)
 UserId="11097" --> Word Count (93)
 UserId="15790" --> Word Count (190)
 UserId="15790" --> Word Count (7)
 UserId="15790" --> Word Count (1)
 UserId="15790" Comment="deleted 3 characters in body" --> Word Count (264)
 UserId="15790" Comment="edited tags" --> Word Count (1)
 UserId="17290" --> Word Count (46)
 UserId="17987" --> Word Count (161)
 UserId="17987" --> Word Count (6)
 UserId="17987" --> Word Count (1)
 UserId="17987" Comment="added 24 characters in body" --> Word Count (165)
 UserId="11097" Comment="deleted 33 characters in body" --> Word Count (159)
 UserId="17987" Comment="added 1 character in body" --> Word Count (159)
 UserId="11097" Comment="added 106 characters in body" --> Word Count (162)
 UserId="14904" --> Word Count (102)
 UserId="16928" --> Word Count (72)
 UserId="16928" --> Word Count (6)
 UserId="16928" --> Word Count (1)
 UserId="16284" --> Word Count (55)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="17993" --> Word Count (234)
 UserId="17993" --> Word Count (10)
 UserId="17993" --> Word Count (1)
 UserId="12515" --> Word Count (167)
 UserId="14904" Comment="added 10 characters in body" --> Word Count (106)
 UserId="15790" Comment="deleted 1 character in body" --> Word Count (264)
 UserId="18000" --> Word Count (172)
 UserId="18000" --> Word Count (5)
 UserId="18000" --> Word Count (1)
 UserId="18000" Comment="added 138 characters in body" --> Word Count (195)
 UserId="836" --> Word Count (151)
 UserId="836" Comment="added 767 characters in body" --> Word Count (286)
 UserId="836" Comment="edited body" --> Word Count (286)

UserId="17987" --> Word Count (41)
 UserId="16928" Comment="added 308 characters in body" --> Word Count (131)
 UserId="16928" Comment="added 308 characters in body" --> Word Count (9)
 UserId="8820" --> Word Count (38)
 UserId="5044" Comment="added 214 characters in body" --> Word Count (291)
 UserId="13023" --> Word Count (107)
 UserId="13736" Comment="edited title" --> Word Count (18)
 UserId="16928" Comment="deleted 12 characters in body" --> Word Count (129)
 UserId="15768" --> Word Count (121)
 UserId="15768" --> Word Count (5)
 UserId="15768" --> Word Count (1)
 UserId="18001" --> Word Count (312)
 UserId="18011" --> Word Count (71)
 UserId="18011" --> Word Count (5)
 UserId="18011" --> Word Count (1)
 UserId="11097" Comment="deleted 52 characters in body" --> Word Count (61)
 UserId="381" --> Word Count (40)
 UserId="18012" --> Word Count (218)
 UserId="18012" --> Word Count (6)
 UserId="18012" --> Word Count (1)
 UserId="18012" Comment="added 76 characters in body" --> Word Count (237)
 UserId="18014" --> Word Count (148)
 UserId="18014" --> Word Count (4)
 UserId="18014" --> Word Count (1)
 UserId="18014" Comment="deleted 2 characters in body" --> Word Count (148)
 UserId="924" --> Word Count (40)
 UserId="16284" --> Word Count (138)
 UserId="18019" --> Word Count (186)
 UserId="18019" --> Word Count (2)
 UserId="18019" --> Word Count (1)
 UserId="11141" --> Word Count (79)
 UserId="11141" --> Word Count (7)
 UserId="11141" --> Word Count (1)
 UserId="18020" --> Word Count (91)
 UserId="18020" --> Word Count (10)
 UserId="18020" --> Word Count (1)
 UserId="18020" Comment="edited body" --> Word Count (91)
 UserId="8820" Comment="Fixed G2 (thank you Robert Dodier)" --> Word Count (38)
 UserId="11141" Comment="added 176 characters in body" --> Word Count (108)
 UserId="11097" Comment="deleted 17 characters in body" --> Word Count (84)
 UserId="16284" Comment="added python tag" --> Word Count (1)
 <DELETE> --> Word Count (78)
 <DELETE> --> Word Count (3)
 <DELETE> --> Word Count (1)
 UserId="17696" --> Word Count (45)
 UserId="18028" --> Word Count (249)
 UserId="18028" --> Word Count (5)
 UserId="18028" --> Word Count (1)

UserId="16284" Comment="added classification and text mining tags" --> Word Count (1)
 UserId="14913" --> Word Count (175)
 UserId="13517" --> Word Count (66)
 UserId="18033" --> Word Count (27)
 UserId="18033" --> Word Count (13)
 UserId="18033" --> Word Count (1)
 UserId="16284" Comment="minor formatting" --> Word Count (68)
 UserId="18035" --> Word Count (60)
 UserId="18035" --> Word Count (18)
 UserId="18035" --> Word Count (1)
 UserId="9814" --> Word Count (117)
 UserId="9814" --> Word Count (21)
 UserId="9814" --> Word Count (1)
 UserId="9814" Comment="added 12 characters in body; edited title" --> Word Count (118)
 UserId="9814" Comment="added 12 characters in body; edited title" --> Word Count (22)
 UserId="15768" Comment="added 300 characters in body" --> Word Count (176)
 UserId="15766" Comment="added 699 characters in body" --> Word Count (460)
 UserId="18040" --> Word Count (63)
 UserId="18040" --> Word Count (4)
 UserId="18040" --> Word Count (1)
 UserId="15613" --> Word Count (142)
 UserId="15613" --> Word Count (4)
 UserId="15613" --> Word Count (1)
 UserId="843" --> Word Count (54)
 UserId="843" --> Word Count (2)
 UserId="843" --> Word Count (1)
 UserId="6478" --> Word Count (123)
 UserId="18051" --> Word Count (405)
 UserId="18051" --> Word Count (10)
 UserId="18051" --> Word Count (1)
 UserId="18019" --> Word Count (38)
 UserId="471" Comment="vague title is vague" --> Word Count (6)
 UserId="676" --> Word Count (424)
 UserId="16284" --> Word Count (284)
 UserId="16284" --> Word Count (5)
 UserId="16284" --> Word Count (1)
 UserId="18028" Comment="added 2 characters in body" --> Word Count (249)
 UserId="17933" --> Word Count (53)
 UserId="17933" --> Word Count (7)
 UserId="17933" --> Word Count (1)
 UserId="12515" --> Word Count (95)
 UserId="17497" --> Word Count (177)
 UserId="17497" --> Word Count (5)
 UserId="17497" --> Word Count (1)
 UserId="964" --> Word Count (94)

UserId="16284" Comment="Added geospatial tag" --> Word Count (1)
 UserId="16284" Comment="added clustering" --> Word Count (1)
 UserId="16284" Comment="added timeseries / vis tags" --> Word Count (1)
 UserId="16284" Comment="added glm tag" --> Word Count (1)
 UserId="16284" Comment="Added geospatial tag" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="18068" --> Word Count (57)
 UserId="17712" --> Word Count (32)
 UserId="18072" --> Word Count (114)
 UserId="18072" --> Word Count (7)
 UserId="18072" --> Word Count (1)
 UserId="18058" --> Word Count (164)
 UserId="18058" --> Word Count (11)
 UserId="18058" --> Word Count (1)
 UserId="16538" --> Word Count (25)
 UserId="16538" --> Word Count (39)
 UserId="18077" --> Word Count (236)
 UserId="16001" --> Word Count (166)
 UserId="17497" --> Word Count (53)
 UserId="18077" Comment="Additional detail on the method and improved explanation" --> Word Count (502)
 UserId="13686" --> Word Count (41)
 UserId="6478" --> Word Count (40)
 UserId="17497" --> Word Count (29)
 UserId="18058" Comment="added 687 characters in body" --> Word Count (225)
 UserId="17116" --> Word Count (151)
 UserId="17116" --> Word Count (6)
 UserId="17116" --> Word Count (1)
 UserId="381" Comment="deleted 15 characters in body" --> Word Count (255)
 UserId="16936" --> Word Count (317)
 UserId="11097" Comment="added 4 characters in body" --> Word Count (153)
 UserId="16936" Comment="added 553 characters in body" --> Word Count (418)
 UserId="14904" --> Word Count (125)
 UserId="11097" Comment="edited title" --> Word Count (7)
 UserId="14904" Comment="Added alternative method" --> Word Count (173)
 UserId="17116" --> Word Count (87)
 UserId="18092" --> Word Count (148)
 UserId="18092" --> Word Count (5)
 UserId="18092" --> Word Count (1)
 UserId="18092" Comment="edited tags" --> Word Count (1)
 UserId="18092" Comment="added 2 characters in body" --> Word Count (148)
 UserId="18098" --> Word Count (209)
 UserId="18098" --> Word Count (9)
 UserId="18098" --> Word Count (1)
 UserId="18102" --> Word Count (119)
 UserId="3317" --> Word Count (134)
 UserId="17290" --> Word Count (126)

UserId="17290" Comment="deleted 1 character in body" --> Word Count (125)
 UserId="16928" --> Word Count (53)
 UserId="16928" --> Word Count (9)
 UserId="16928" --> Word Count (1)
 UserId="16928" Comment="via Vote" --> Word Count (1)
 UserId="16284" Comment="added geospatial tag" --> Word Count (1)
 UserId="16284" Comment="Added geospatial tag" --> Word Count (1)
 UserId="16284" Comment="Added geospatial tag" --> Word Count (1)
 UserId="16928" --> Word Count (1)
 UserId="381" Comment="edited body" --> Word Count (253)
 UserId="381" --> Word Count (78)
 UserId="5043" --> Word Count (470)
 UserId="5043" --> Word Count (13)
 UserId="5043" --> Word Count (1)
 UserId="10464" --> Word Count (152)
 UserId="10464" --> Word Count (9)
 UserId="10464" --> Word Count (1)
 UserId="18111" --> Word Count (188)
 UserId="6478" --> Word Count (134)
 UserId="16538" Comment="Responded to comment" --> Word Count (50)
 UserId="9314" --> Word Count (385)
 UserId="8820" --> Word Count (152)
 UserId="8820" --> Word Count (9)
 UserId="8820" --> Word Count (1)
 UserId="6478" Comment="added bit about superbly produced" --> Word Count (181)
 UserId="9314" Comment="Correcting few language mistakes. Sorry for those :-)"
 --> Word Count (393)
 UserId="18115" --> Word Count (47)
 UserId="18115" --> Word Count (4)
 UserId="18115" --> Word Count (1)
 UserId="10024" --> Word Count (165)
 UserId="10024" --> Word Count (5)
 UserId="10024" --> Word Count (1)
 UserId="15361" --> Word Count (31)
 UserId="17696" --> Word Count (67)
 UserId="18102" Comment="added 705 characters in body" --> Word Count (231)
 UserId="18135" --> Word Count (176)
 UserId="18135" --> Word Count (4)
 UserId="18135" --> Word Count (1)
 UserId="18139" --> Word Count (59)
 UserId="18139" --> Word Count (3)
 UserId="18139" --> Word Count (1)
 UserId="18140" --> Word Count (43)
 UserId="14070" --> Word Count (116)
 UserId="21" --> Word Count (2)
 UserId="14070" --> Word Count (102)
 UserId="14070" --> Word Count (15)
 UserId="14070" --> Word Count (1)

UserId="18139" Comment="added 178 characters in body" --> Word Count (86)
 UserId="18139" Comment="added 178 characters in body" --> Word Count (1)
 UserId="12378" --> Word Count (24)
 UserId="12378" --> Word Count (11)
 UserId="12378" --> Word Count (1)
 UserId="17696" --> Word Count (154)
 UserId="17709" --> Word Count (155)
 UserId="17709" --> Word Count (5)
 UserId="17709" --> Word Count (1)
 UserId="17484" --> Word Count (45)
 UserId="17484" --> Word Count (18)
 UserId="17484" --> Word Count (1)
 UserId="14904" --> Word Count (74)
 UserId="6478" Comment="added 556 characters in body" --> Word Count (134)
 UserId="6478" Comment="added 177 characters in body" --> Word Count (209)
 UserId="13413" Comment="Added a tag" --> Word Count (1)
 UserId="13727" Comment="Added terminology tag" --> Word Count (1)
 UserId="924" --> Word Count (101)
 UserId="17313" Comment="deleted 4 characters in body" --> Word Count (185)
 UserId="18000" --> Word Count (50)
 UserId="18000" --> Word Count (12)
 UserId="18000" --> Word Count (1)
 UserId="10049" --> Word Count (38)
 UserId="10049" --> Word Count (9)
 UserId="10049" --> Word Count (1)
 UserId="18150" --> Word Count (44)
 UserId="18152" --> Word Count (33)
 UserId="18152" --> Word Count (5)
 UserId="18152" --> Word Count (1)
 UserId="11097" Comment="deleted 25 characters in body; edited tags" --> Word Count (29)
 UserId="11097" Comment="deleted 25 characters in body; edited tags" --> Word Count (1)
 UserId="14904" Comment="Added example" --> Word Count (154)
 UserId="5043" --> Word Count (597)
 UserId="5043" --> Word Count (8)
 UserId="5043" --> Word Count (1)
 UserId="11097" Comment="added 25 characters in body" --> Word Count (596)
 UserId="17696" --> Word Count (149)
 UserId="18058" --> Word Count (201)
 UserId="18058" --> Word Count (17)
 UserId="18058" --> Word Count (1)
 UserId="17696" Comment="deleted 117 characters in body" --> Word Count (130)
 UserId="676" --> Word Count (61)
 UserId="18120" --> Word Count (77)
 UserId="18120" --> Word Count (7)
 UserId="18120" --> Word Count (1)
 UserId="18111" Comment="added 46 characters in body" --> Word Count (196)

UserId="16199" --> Word Count (264)
 UserId="18164" --> Word Count (39)
 UserId="13417" --> Word Count (78)
 UserId="13417" --> Word Count (6)
 UserId="13417" --> Word Count (1)
 UserId="471" --> Word Count (61)
 UserId="676" Comment="wanna -> want to" --> Word Count (131)
 UserId="14904" --> Word Count (73)
 UserId="13417" --> Word Count (191)
 UserId="13417" --> Word Count (5)
 UserId="13417" --> Word Count (1)
 UserId="16284" Comment="fixed up formatting of data." --> Word Count (223)
 UserId="14070" Comment="added 2 characters in body" --> Word Count (103)
 UserId="1406" --> Word Count (101)
 UserId="1406" --> Word Count (7)
 UserId="1406" --> Word Count (1)
 UserId="13417" Comment="added 147 characters in body" --> Word Count (245)
 UserId="15202" --> Word Count (182)
 UserId="15202" Comment="added 25 characters in body" --> Word Count (186)
 UserId="6478" Comment="its sentiment analysis, not sentimental analysis" -->
 Word Count (181)
 UserId="6478" Comment="its sentiment analysis, not sentimental analysis" -->
 Word Count (8)
 UserId="15202" Comment="formatting" --> Word Count (281)
 UserId="723" --> Word Count (45)
 UserId="684" Comment="Reordered links to reflect rough current relative
 popularity" --> Word Count (231)
 UserId="9420" --> Word Count (134)
 UserId="8465" --> Word Count (344)
 UserId="18179" --> Word Count (28)
 UserId="18179" Comment="tried to format with blockquote" --> Word Count (30)
 UserId="18179" Comment="tried to format with preformatted" --> Word Count (56)
 UserId="18184" --> Word Count (38)
 UserId="18184" --> Word Count (10)
 UserId="18184" --> Word Count (1)
 UserId="17959" --> Word Count (36)
 UserId="17959" --> Word Count (4)
 UserId="17959" --> Word Count (1)
 UserId="17886" --> Word Count (170)
 UserId="17886" --> Word Count (10)
 UserId="17886" --> Word Count (1)
 UserId="11097" Comment="added 167 characters in body" --> Word Count (44)
 UserId="17959" Comment="added 25 characters in body" --> Word Count (48)
 UserId="18098" Comment="added 515 characters in body" --> Word Count (297)
 UserId="14736" --> Word Count (201)
 UserId="14736" --> Word Count (6)
 UserId="14736" --> Word Count (1)
 UserId="8465" --> Word Count (113)

UserId="18189" --> Word Count (379)
 UserId="14779" --> Word Count (163)
 UserId="18194" Comment="Corrected spelling of "chouse" to
 "choose";" --> Word Count (6)
 UserId="18195" --> Word Count (84)
 UserId="18195" --> Word Count (4)
 UserId="18195" --> Word Count (1)
 UserId="11097" Comment="added 1 character in body" --> Word Count (83)
 UserId="18179" Comment="tried to clarify why b should be sorted with its own
 order. " --> Word Count (80)
 UserId="3486" --> Word Count (226)
 UserId="3486" --> Word Count (6)
 UserId="3486" --> Word Count (1)
 UserId="9420" Comment="Added a few line deliniations for ease of reading." -->
 Word Count (131)
 UserId="17696" --> Word Count (147)
 UserId="18200" --> Word Count (104)
 UserId="18200" --> Word Count (3)
 UserId="18200" --> Word Count (1)
 UserId="17886" Comment="added 463 characters in body" --> Word Count (245)
 UserId="17886" Comment="added 463 characters in body" --> Word Count (12)
 UserId="434" Comment="edits for clarity" --> Word Count (261)
 UserId="434" Comment="edits for clarity" --> Word Count (10)
 UserId="434" Comment="added 4 characters in body" --> Word Count (261)
 UserId="16001" Comment="added 47 characters in body" --> Word Count (174)
 UserId="17116" --> Word Count (290)
 UserId="16538" --> Word Count (96)
 UserId="18207" --> Word Count (35)
 UserId="18207" --> Word Count (9)
 UserId="18207" --> Word Count (1)
 UserId="8465" --> Word Count (107)
 UserId="3486" Comment="added 30 characters in body" --> Word Count (232)
 UserId="18098" Comment="added 659 characters in body; edited tags" --> Word
 Count (388)
 UserId="18098" Comment="added 659 characters in body; edited tags" --> Word
 Count (1)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="18207" Comment="Added few more details" --> Word Count (58)
 UserId="17709" Comment="deleted 5 characters in body" --> Word Count (154)
 UserId="8237" --> Word Count (27)
 UserId="18221" --> Word Count (412)
 UserId="18221" --> Word Count (11)
 UserId="18221" --> Word Count (1)
 UserId="14913" --> Word Count (54)
 UserId="8237" --> Word Count (112)
 UserId="8237" --> Word Count (15)
 UserId="8237" --> Word Count (1)
 UserId="18098" Comment="added 660 characters in body" --> Word Count (474)

UserId="18203" --> Word Count (156)
 UserId="18203" --> Word Count (16)
 UserId="18203" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="18232" --> Word Count (162)
 UserId="18232" --> Word Count (5)
 UserId="18232" --> Word Count (1)
 UserId="847" Comment="corrected link for active learning " --> Word Count (137)
 UserId="18235" --> Word Count (104)
 UserId="18235" --> Word Count (8)
 UserId="18235" --> Word Count (1)
 UserId="18240" --> Word Count (158)
 UserId="18240" --> Word Count (2)
 UserId="18240" --> Word Count (1)
 UserId="18239" --> Word Count (142)
 UserId="18239" --> Word Count (6)
 UserId="18239" --> Word Count (1)
 UserId="18150" --> Word Count (63)
 UserId="434" Comment="Changed title to a question, removed "I hope my question was clear"" --> Word Count (152)
 UserId="434" Comment="Changed title to a question, removed "I hope my question was clear"" --> Word Count (10)
 UserId="434" --> Word Count (53)
 UserId="18150" --> Word Count (247)
 UserId="6478" --> Word Count (130)
 UserId="16287" --> Word Count (131)
 UserId="16287" Comment="edited body" --> Word Count (131)
 UserId="18248" --> Word Count (143)
 UserId="18248" --> Word Count (10)
 UserId="18248" --> Word Count (1)
 UserId="12443" --> Word Count (13)
 UserId="12443" --> Word Count (13)
 UserId="12443" --> Word Count (1)
 UserId="18249" --> Word Count (100)
 UserId="15141" --> Word Count (130)
 UserId="15141" --> Word Count (11)
 UserId="15141" --> Word Count (1)
 UserId="12545" --> Word Count (31)
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 UserId="17116" --> Word Count (320)
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 UserId="11097" Comment="formatting" --> Word Count (104)
 UserId="17116" Comment="changes the title of image" --> Word Count (324)
 UserId="11097" Comment="added 10 characters in body" --> Word Count (150)
 UserId="17116" Comment="Removed the double quote on R code." --> Word Count (324)
 UserId="11097" Comment="added 40 characters in body" --> Word Count (34)

UserId="-1" --> Word Count (1)
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 UserId="17579" --> Word Count (9)
 UserId="17579" --> Word Count (1)
 UserId="17579" Comment="added 2 characters in body" --> Word Count (421)
 UserId="17709" Comment="added 59 characters in body" --> Word Count (161)
 UserId="17806" --> Word Count (233)
 UserId="676" --> Word Count (170)
 UserId="18098" --> Word Count (187)
 UserId="18098" --> Word Count (8)
 UserId="18098" --> Word Count (1)
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 UserId="18221" Comment="Reducing the amount of questions, just keeping the categorical data topic" --> Word Count (157)
 UserId="18221" Comment="Reducing the amount of questions, just keeping the categorical data topic" --> Word Count (10)
 UserId="12786" --> Word Count (138)
 UserId="18098" Comment="Added required stuff as requested in comment" --> Word Count (438)
 UserId="18221" --> Word Count (102)
 UserId="18221" --> Word Count (7)
 UserId="18221" --> Word Count (1)
 UserId="18221" --> Word Count (83)
 UserId="18221" --> Word Count (7)
 UserId="18221" --> Word Count (1)
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 UserId="18271" --> Word Count (12)
 UserId="18271" --> Word Count (1)
 UserId="14904" --> Word Count (52)
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 UserId="17971" --> Word Count (10)
 UserId="17971" --> Word Count (1)
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 UserId="8517" --> Word Count (60)
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 UserId="15766" Comment="deleted 4 characters in body" --> Word Count (462)
 UserId="18282" --> Word Count (284)
 UserId="6478" --> Word Count (255)
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 UserId="6478" Comment="added 518 characters in body" --> Word Count (361)
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 UserId="16756" --> Word Count (1)

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 UserId="18275" --> Word Count (8)
 UserId="18275" --> Word Count (1)
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 UserId="14904" --> Word Count (152)
 UserId="17290" --> Word Count (52)
 UserId="17290" --> Word Count (174)
 UserId="17290" Comment="added 265 characters in body" --> Word Count (217)
 UserId="16853" --> Word Count (262)
 UserId="12341" --> Word Count (131)
 UserId="17290" Comment="edited body" --> Word Count (217)
 UserId="6478" Comment="clarified title " --> Word Count (11)
 UserId="17509" --> Word Count (89)
 UserId="6478" Comment="added nchar feature" --> Word Count (513)
 UserId="6478" Comment="reformatted answer" --> Word Count (520)
 UserId="18295" --> Word Count (96)
 UserId="18295" --> Word Count (5)
 UserId="18295" --> Word Count (1)
 UserId="16853" Comment="added 709 characters in body" --> Word Count (365)
 UserId="15202" --> Word Count (222)
 UserId="6478" Comment="added example code and package ref" --> Word Count (787)
 UserId="6478" Comment="added pertinent tags" --> Word Count (1)
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 UserId="18303" --> Word Count (1)
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 UserId="18139" --> Word Count (3)
 UserId="18139" --> Word Count (1)
 UserId="11097" Comment="added 148 characters in body" --> Word Count (475)
 UserId="18306" --> Word Count (255)
 UserId="18306" --> Word Count (12)
 UserId="18306" --> Word Count (1)
 UserId="18306" Comment="added 165 characters in body" --> Word Count (277)
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 UserId="12515" --> Word Count (177)
 UserId="18227" --> Word Count (101)
 UserId="18227" --> Word Count (7)
 UserId="18227" --> Word Count (1)
 UserId="18139" Comment="added 142 characters in body" --> Word Count (350)
 UserId="18315" --> Word Count (91)
 UserId="18315" --> Word Count (5)
 UserId="18315" --> Word Count (1)
 UserId="18315" Comment="edited tags" --> Word Count (1)
 UserId="18321" --> Word Count (42)
 UserId="18321" --> Word Count (67)
 UserId="18321" --> Word Count (57)
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 UserId="924" Comment="This is *supervised* learning." --> Word Count (1)
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 UserId="17972" --> Word Count (9)
 UserId="17972" --> Word Count (1)
 UserId="16199" --> Word Count (118)
 UserId="18325" --> Word Count (179)
 UserId="18328" --> Word Count (363)
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 UserId="13023" --> Word Count (282)
 UserId="6478" Comment="clarification & spelling error " --> Word Count (807)
 UserId="9420" --> Word Count (192)
 UserId="18338" --> Word Count (705)
 UserId="18338" --> Word Count (15)
 UserId="18338" --> Word Count (1)
 UserId="18338" Comment="deleted 5 characters in body" --> Word Count (705)
 UserId="12515" Comment="added 746 characters in body" --> Word Count (282)
 UserId="18328" Comment="added tags" --> Word Count (1)
 UserId="7966" --> Word Count (49)
 UserId="18344" --> Word Count (157)
 UserId="18344" --> Word Count (6)
 UserId="18344" --> Word Count (1)
 UserId="18349" --> Word Count (46)
 UserId="18349" --> Word Count (14)
 UserId="18349" --> Word Count (1)
 UserId="18353" --> Word Count (1116)
 UserId="18353" --> Word Count (7)
 UserId="18353" --> Word Count (1)
 UserId="18353" Comment="added 933 characters in body" --> Word Count (1350)
 UserId="18077" --> Word Count (67)
 UserId="18354" --> Word Count (224)
 UserId="18354" --> Word Count (4)
 UserId="18354" --> Word Count (1)
 UserId="18355" --> Word Count (424)
 UserId="6514" --> Word Count (111)
 UserId="6514" --> Word Count (6)
 UserId="6514" --> Word Count (1)
 UserId="6514" Comment="edited tags" --> Word Count (1)
 UserId="18019" Comment="updated the description with the goal to be achieved and a possible approach" --> Word Count (402)
 UserId="18369" --> Word Count (107)
 UserId="18369" --> Word Count (9)
 UserId="18369" --> Word Count (1)
 UserId="18352" Comment="fixed tags" --> Word Count (195)
 UserId="18077" Comment="added 666 characters in body" --> Word Count (146)
 UserId="1085" --> Word Count (172)
 UserId="18364" Comment="use of MathJax" --> Word Count (404)

UserId="18353" Comment="edited body" --> Word Count (1350)
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 UserId="14411" --> Word Count (7)
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 UserId="-1" --> Word Count (1)
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 UserId="21" Comment="105" --> Word Count (2)
 UserId="8820" --> Word Count (179)
 UserId="10532" --> Word Count (113)
 UserId="10532" --> Word Count (5)
 UserId="10532" --> Word Count (1)
 UserId="381" Comment="added 53 characters in body" --> Word Count (161)
 UserId="381" --> Word Count (20)
 UserId="18353" Comment="deleted 2 characters in body" --> Word Count (1350)
 UserId="18353" Comment="deleted 2 characters in body" --> Word Count (7)
 UserId="13023" --> Word Count (642)
 UserId="13023" Comment="added 410 characters in body" --> Word Count (686)
 UserId="17290" --> Word Count (170)
 UserId="15905" --> Word Count (34)
 UserId="15905" --> Word Count (14)
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 UserId="14657" --> Word Count (430)
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 UserId="14657" --> Word Count (1)
 UserId="13736" --> Word Count (85)
 UserId="13736" --> Word Count (6)
 UserId="13736" --> Word Count (1)
 UserId="13291" --> Word Count (433)
 UserId="13291" --> Word Count (7)
 UserId="13291" --> Word Count (1)
 UserId="15527" --> Word Count (109)
 UserId="14913" --> Word Count (175)
 UserId="12527" Comment="updated dates, added video links" --> Word Count (236)
 UserId="13291" Comment="added 911 characters in body" --> Word Count (580)
 UserId="18098" --> Word Count (139)
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 UserId="8816" --> Word Count (1)
 UserId="14913" Comment="Expanded; added plot" --> Word Count (224)
 UserId="8816" Comment="improved title" --> Word Count (13)
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 UserId="12515" --> Word Count (159)
 UserId="18407" --> Word Count (121)
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 UserId="18409" --> Word Count (82)

UserId="18409" --> Word Count (10)
 UserId="18409" --> Word Count (1)
 UserId="18407" --> Word Count (32)
 UserId="17290" Comment="deleted 193 characters in body" --> Word Count (139)
 UserId="381" --> Word Count (61)
 UserId="17290" --> Word Count (28)
 UserId="18414" --> Word Count (10)
 UserId="13417" --> Word Count (187)
 UserId="13417" --> Word Count (7)
 UserId="13417" --> Word Count (1)
 UserId="10517" Comment="formatted table" --> Word Count (227)
 UserId="18417" --> Word Count (5)
 UserId="18418" --> Word Count (54)
 UserId="16176" --> Word Count (52)
 UserId="16176" --> Word Count (4)
 UserId="16176" --> Word Count (1)
 UserId="13417" Comment="added 389 characters in body" --> Word Count (281)
 UserId="18429" --> Word Count (298)
 UserId="18429" --> Word Count (6)
 UserId="18429" --> Word Count (1)
 UserId="12866" --> Word Count (92)
 UserId="12866" --> Word Count (7)
 UserId="12866" --> Word Count (1)
 UserId="16176" Comment="edited body" --> Word Count (52)
 UserId="6514" Comment="added 83 characters in body" --> Word Count (125)
 UserId="3486" Comment="inserted real data" --> Word Count (320)
 UserId="18355" --> Word Count (790)
 UserId="12866" Comment="added 100 characters in body" --> Word Count (111)
 UserId="15527" Comment="Center aligned equations" --> Word Count (184)
 UserId="18282" --> Word Count (146)
 UserId="18426" --> Word Count (378)
 UserId="6478" Comment="clarified title and content" --> Word Count (125)
 UserId="6478" Comment="clarified title and content" --> Word Count (9)
 UserId="6478" Comment="clarified title and content" --> Word Count (1)
 UserId="13736" --> Word Count (137)
 UserId="13736" --> Word Count (6)
 UserId="13736" --> Word Count (1)
 UserId="14904" --> Word Count (128)
 UserId="17310" --> Word Count (47)
 UserId="17310" --> Word Count (19)
 UserId="17310" --> Word Count (1)
 UserId="14904" --> Word Count (60)
 UserId="13413" --> Word Count (279)
 UserId="836" --> Word Count (157)
 UserId="18452" --> Word Count (68)
 UserId="18452" --> Word Count (4)
 UserId="18452" --> Word Count (1)
 UserId="9420" --> Word Count (173)

UserId="18426" Comment="added 25 characters in body" --> Word Count (382)
 UserId="9420" Comment="Adding comments form @Emre, which he has chosen not to include as an answer to this answer, which is the next strongest" --> Word Count (89)
 UserId="381" Comment="added 19 characters in body" --> Word Count (90)
 UserId="13413" Comment="Edited for grammar and word choice." --> Word Count (122)
 UserId="12866" Comment="added 818 characters in body" --> Word Count (185)
 UserId="15405" --> Word Count (162)
 UserId="15405" --> Word Count (9)
 UserId="15405" --> Word Count (1)
 UserId="18098" --> Word Count (161)
 UserId="18098" --> Word Count (5)
 UserId="18098" --> Word Count (1)
 UserId="8465" --> Word Count (107)
 UserId="6550" Comment="it's "percolation";, not "perlocation"" --> Word Count (89)
 UserId="17696" --> Word Count (142)
 UserId="12867" --> Word Count (133)
 UserId="12867" --> Word Count (4)
 UserId="12867" --> Word Count (1)
 UserId="16936" --> Word Count (359)
 UserId="16936" Comment="provided two answers, edited it down to one answer" --> Word Count (804)
 UserId="16936" Comment="added 71 characters in body" --> Word Count (815)
 UserId="18477" --> Word Count (61)
 UserId="18477" --> Word Count (14)
 UserId="18477" --> Word Count (1)
 UserId="16244" --> Word Count (137)
 UserId="16244" --> Word Count (9)
 UserId="16244" --> Word Count (1)
 UserId="17959" --> Word Count (36)
 UserId="381" Comment="added 7 characters in body" --> Word Count (150)
 UserId="9966" --> Word Count (27)
 UserId="18458" --> Word Count (159)
 UserId="18458" --> Word Count (10)
 UserId="18458" --> Word Count (1)
 UserId="14904" --> Word Count (114)
 UserId="18407" Comment="added 1 character in body" --> Word Count (32)
 UserId="18354" --> Word Count (2528)
 UserId="18354" --> Word Count (4)
 UserId="18354" --> Word Count (1)
 UserId="18489" --> Word Count (30)
 UserId="16244" --> Word Count (104)
 UserId="16244" --> Word Count (7)
 UserId="16244" --> Word Count (1)
 UserId="16964" --> Word Count (80)
 UserId="16964" --> Word Count (10)

UserId="16964" --> Word Count (1)
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 UserId="14691" --> Word Count (42)
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 UserId="14691" --> Word Count (1)
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 UserId="18502" --> Word Count (38)
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 UserId="13736" --> Word Count (87)
 UserId="13736" --> Word Count (5)
 UserId="13736" --> Word Count (1)
 UserId="434" Comment="typos and spelling" --> Word Count (87)
 UserId="676" --> Word Count (66)
 UserId="18509" --> Word Count (79)
 UserId="18509" --> Word Count (13)
 UserId="18509" --> Word Count (1)
 UserId="471" Comment="spell the thing you are asking about right in the title"
 --> Word Count (80)
 UserId="471" Comment="spell the thing you are asking about right in the title"
 --> Word Count (10)
 UserId="8820" --> Word Count (45)
 UserId="8820" --> Word Count (13)
 UserId="8820" --> Word Count (1)
 UserId="11097" Comment="deleted 2 characters in body; edited title" --> Word
 Count (79)
 UserId="11097" Comment="deleted 2 characters in body; edited title" --> Word
 Count (13)
 UserId="18512" --> Word Count (69)
 UserId="18512" --> Word Count (17)
 UserId="18512" --> Word Count (1)
 UserId="18513" --> Word Count (587)
 UserId="11097" Comment="deleted 1 character in body" --> Word Count (588)
 UserId="18513" Comment="Fixed up equations" --> Word Count (590)
 UserId="924" --> Word Count (40)
 UserId="18516" --> Word Count (54)
 UserId="18516" --> Word Count (7)
 UserId="18516" --> Word Count (1)
 UserId="16541" --> Word Count (26)
 UserId="995" --> Word Count (56)
 UserId="995" --> Word Count (30)
 UserId="843" --> Word Count (87)
 UserId="843" --> Word Count (10)
 UserId="843" --> Word Count (1)
 UserId="381" --> Word Count (27)
 UserId="17696" --> Word Count (85)
 UserId="17696" --> Word Count (170)
 UserId="381" Comment="added 38 characters in body" --> Word Count (32)
 UserId="18524" --> Word Count (138)

UserId="18524" --> Word Count (7)
 UserId="18524" --> Word Count (1)
 UserId="8820" Comment="deleted 133 characters in body" --> Word Count (31)
 UserId="8820" --> Word Count (119)
 UserId="8820" Comment="edited title" --> Word Count (10)
 UserId="21" Comment="deleted 129 characters in body; edited tags" --> Word Count (114)
 UserId="21" Comment="deleted 129 characters in body; edited tags" --> Word Count (1)
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 UserId="18529" --> Word Count (7)
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 UserId="18529" Comment="added 80 characters in body" --> Word Count (280)
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 UserId="18139" --> Word Count (117)
 UserId="18139" --> Word Count (3)
 UserId="18139" --> Word Count (1)
 UserId="843" Comment="added 317 characters in body" --> Word Count (130)
 UserId="381" Comment="deleted 65 characters in body" --> Word Count (110)
 UserId="924" --> Word Count (25)
 UserId="18538" --> Word Count (91)
 UserId="12535" --> Word Count (203)
 UserId="18540" --> Word Count (132)
 UserId="18139" Comment="added 207 characters in body" --> Word Count (140)
 UserId="18540" --> Word Count (307)
 UserId="18540" --> Word Count (179)
 UserId="18543" --> Word Count (123)
 UserId="18543" --> Word Count (12)
 UserId="18543" --> Word Count (1)
 UserId="14591" Comment="typo(s) corrected" --> Word Count (143)
 UserId="18139" --> Word Count (40)
 UserId="18552" --> Word Count (76)
 UserId="18552" --> Word Count (11)
 UserId="18552" --> Word Count (1)
 UserId="18098" --> Word Count (83)
 UserId="18098" --> Word Count (2)
 UserId="18098" --> Word Count (1)
 UserId="18098" --> Word Count (95)
 UserId="18098" --> Word Count (9)
 UserId="18098" --> Word Count (1)
 UserId="8820" --> Word Count (116)
 UserId="8820" --> Word Count (10)
 UserId="8820" --> Word Count (1)
 UserId="12535" --> Word Count (62)
 UserId="16772" --> Word Count (119)
 UserId="8820" --> Word Count (126)
 UserId="18557" --> Word Count (44)
 UserId="18557" --> Word Count (8)


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UserId="18557" --> Word Count (1)
UserId="18557" Comment="added 908 characters in body" --> Word Count (182)
UserId="17771" --> Word Count (180)
UserId="10108" --> Word Count (158)
UserId="10108" --> Word Count (17)
UserId="10108" --> Word Count (1)
UserId="18047" --> Word Count (100)
UserId="18047" --> Word Count (5)
UserId="18047" --> Word Count (1)
UserId="18047" --> Word Count (99)
UserId="18452" --> Word Count (231)
UserId="18369" --> Word Count (131)
UserId="18369" --> Word Count (7)
UserId="18369" --> Word Count (1)
UserId="17959" --> Word Count (67)
UserId="18540" Comment="added 298 characters in body" --> Word Count (225)
UserId="18414" Comment="added 195 characters in body" --> Word Count (24)
UserId="8820" --> Word Count (57)
UserId="17696" --> Word Count (71)
UserId="17696" Comment="added 121 characters in body" --> Word Count (94)
UserId="14904" --> Word Count (212)
UserId="18577" --> Word Count (104)
UserId="18369" Comment="Better explanation" --> Word Count (163)
UserId="18369" Comment="Better explanation" --> Word Count (1)
UserId="17116" --> Word Count (34)
UserId="17116" --> Word Count (10)
UserId="17116" --> Word Count (1)
UserId="14904" --> Word Count (68)
UserId="11097" Comment="edited tags" --> Word Count (1)
UserId="21" Comment="edited tags" --> Word Count (1)
UserId="21" Comment="edited tags" --> Word Count (1)
UserId="21" Comment="edited tags" --> Word Count (1)
UserId="21" Comment="edited tags" --> Word Count (1)
UserId="21" Comment="edited tags" --> Word Count (1)
UserId="21" Comment="edited tags; edited tags" --> Word Count (1)
UserId="21" Comment="edited tags" --> Word Count (1)
UserId="21" Comment="edited tags; edited tags" --> Word Count (1)
UserId="21" Comment="edited tags" --> Word Count (1)
UserId="21" Comment="edited tags" --> Word Count (1)
UserId="21" Comment="edited tags" --> Word Count (1)
UserId="11097" --> Word Count (144)
UserId="4"; Text="I just got a &#xD;&#xA; pound of
microroasted, local coffee and am curious what the optimal &#xD;&#xA; way to
store it is (what temperature, humidity, etc)&quot; /&gt;&#xD;&#xA;&#xD;&#xA;I
am using apache pig to extract just the &quot;Text&quot; part using this
code&#xD;&#xA;&#xD;&#xA; grunt&gt; A = load
'hdfs:///parsingdemo/PostHistory.xml' using &#xD;&#xA;
org.apache.pig.piggybank.storage.XMLLoader('posthistory')

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as(x:chararray);&#xD;&#xA;    &#xD;&#xA;    grunt> result = foreach A
generate XPath(x, 'posthistory/ --> Word Count (78)
UserId="6443" --> Word Count (6)
UserId="6443" --> Word Count (1)
UserId="18588" --> Word Count (157)
UserId="18588" --> Word Count (9)
UserId="18588" --> Word Count (1)
UserId="381" Comment="added 30 characters in body" --> Word Count (182)
UserId="21" Comment="103" --> Word Count (2)
UserId="18364" Comment="use of MathJax" --> Word Count (104)
UserId="18596" --> Word Count (69)
UserId="18596" Comment="added 153 characters in body" --> Word Count (97)
UserId="18369" Comment="added 267 characters in body" --> Word Count (207)
UserId="3486" Comment="question edit " --> Word Count (353)
UserId="26" Comment="added 13 characters in body" --> Word Count (158)
UserId="18369" Comment="added 56 characters in body" --> Word Count (217)
UserId="21" --> Word Count (2)
UserId="18609" --> Word Count (203)
UserId="18609" --> Word Count (7)
UserId="18609" --> Word Count (1)
UserId="836" --> Word Count (220)
UserId="836" Comment="added 39 characters in body" --> Word Count (261)
UserId="17116" --> Word Count (43)
UserId="17116" --> Word Count (9)
UserId="17116" --> Word Count (1)
UserId="18618" --> Word Count (122)
UserId="18618" --> Word Count (6)
UserId="18618" --> Word Count (1)
UserId="17116" Comment="added tag pyspark" --> Word Count (1)
UserId="18619" --> Word Count (101)
UserId="18619" --> Word Count (12)
UserId="18619" --> Word Count (1)
UserId="18248" --> Word Count (283)
UserId="18248" --> Word Count (7)
UserId="18248" --> Word Count (1)
UserId="18626" --> Word Count (458)
UserId="13023" Comment="added 3 characters in body" --> Word Count (282)
UserId="18619" Comment="added 101 characters in body" --> Word Count (117)
UserId="676" --> Word Count (278)
UserId="676" Comment="added 41 characters in body" --> Word Count (288)
UserId="18632" --> Word Count (173)
UserId="18632" --> Word Count (4)
UserId="18632" --> Word Count (1)
UserId="16024" --> Word Count (140)
UserId="18636" --> Word Count (163)
UserId="18636" --> Word Count (6)
UserId="18636" --> Word Count (1)
UserId="17696" --> Word Count (24)

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UserId="18637" --> Word Count (88)
UserId="15412" --> Word Count (246)
UserId="15412" --> Word Count (8)
UserId="15412" --> Word Count (1)
UserId="836" --> Word Count (124)
UserId="836" Comment="added 54 characters in body" --> Word Count (130)
UserId="12515" --> Word Count (228)
UserId="18626" --> Word Count (186)
UserId="18626" --> Word Count (210)
UserId="18626" --> Word Count (346)
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UserId="12443" --> Word Count (26)
UserId="12443" --> Word Count (1)
UserId="12443" Comment="added 312 characters in body" --> Word Count (71)
UserId="12443" Comment="added 170 characters in body; edited title" --> Word Count (122)
UserId="12443" Comment="added 170 characters in body; edited title" --> Word Count (16)
UserId="8820" --> Word Count (122)
UserId="8820" --> Word Count (11)
UserId="8820" --> Word Count (1)
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UserId="18650" --> Word Count (8)
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UserId="16135" --> Word Count (124)
UserId="18653" --> Word Count (116)
UserId="18653" --> Word Count (3)
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UserId="10049" --> Word Count (50)
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UserId="10049" --> Word Count (1)
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UserId="18660" --> Word Count (1)
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UserId="924" --> Word Count (20)
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UserId="18139" --> Word Count (31)
UserId="18139" --> Word Count (6)
UserId="18139" --> Word Count (1)
UserId="17646" --> Word Count (348)
UserId="18665" --> Word Count (257)
UserId="18665" --> Word Count (12)
UserId="18665" --> Word Count (1)
UserId="17359" --> Word Count (96)

UserId="17359" --> Word Count (8)
 UserId="17359" --> Word Count (1)
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 UserId="18139" --> Word Count (8)
 UserId="18139" --> Word Count (1)
 UserId="10517" Comment="formatted code section" --> Word Count (106)
 UserId="10517" Comment="formatted code section" --> Word Count (6)
 UserId="10517" Comment="formatted code section" --> Word Count (1)
 UserId="18139" Comment="edited tags" --> Word Count (1)
 UserId="17646" --> Word Count (49)
 UserId="17646" Comment="added 7 characters in body" --> Word Count (49)
 UserId="17646" Comment="added 357 characters in body" --> Word Count (92)
 UserId="18676" --> Word Count (97)
 UserId="16284" --> Word Count (38)
 UserId="16284" Comment="fix grammar/spelling and removed thank you" --> Word Count (91)
 UserId="18679" --> Word Count (36)
 UserId="18679" --> Word Count (9)
 UserId="18679" --> Word Count (1)
 UserId="836" --> Word Count (239)
 UserId="18676" --> Word Count (125)
 UserId="836" Comment="added 44 characters in body" --> Word Count (291)
 UserId="18680" --> Word Count (144)
 UserId="18680" --> Word Count (4)
 UserId="18680" --> Word Count (1)
 UserId="18676" Comment="added 854 characters in body" --> Word Count (274)
 UserId="18682" --> Word Count (57)
 UserId="18682" --> Word Count (9)
 UserId="18682" --> Word Count (1)
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 UserId="14904" --> Word Count (117)
 UserId="1138" --> Word Count (197)
 UserId="1138" --> Word Count (8)
 UserId="1138" --> Word Count (1)
 UserId="16541" --> Word Count (30)
 UserId="18686" --> Word Count (97)
 UserId="18686" --> Word Count (8)
 UserId="18686" --> Word Count (1)
 UserId="18680" --> Word Count (117)
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 UserId="15412" --> Word Count (4)
 UserId="15412" --> Word Count (1)
 UserId="2573" --> Word Count (8)
 UserId="1138" Comment="added 54 characters in body" --> Word Count (205)
 UserId="14913" --> Word Count (278)
 UserId="18619" Comment="deleted 1 character in body; edited title" --> Word Count (117)

UserId="18619" Comment="deleted 1 character in body; edited title" --> Word Count (12)
 UserId="18139" --> Word Count (58)
 UserId="18139" --> Word Count (9)
 UserId="18139" --> Word Count (1)
 UserId="14487" --> Word Count (82)
 UserId="14487" --> Word Count (5)
 UserId="14487" --> Word Count (1)
 UserId="18691" --> Word Count (34)
 UserId="18691" --> Word Count (7)
 UserId="18691" --> Word Count (1)
 UserId="18588" --> Word Count (46)
 UserId="18588" --> Word Count (4)
 UserId="18588" --> Word Count (1)
 UserId="18692" --> Word Count (93)
 UserId="18692" --> Word Count (13)
 UserId="18692" --> Word Count (1)
 UserId="1138" --> Word Count (49)
 UserId="17771" --> Word Count (301)
 UserId="17771" --> Word Count (9)
 UserId="17771" --> Word Count (1)
 UserId="2723" --> Word Count (50)
 UserId="2723" --> Word Count (11)
 UserId="2723" --> Word Count (1)
 UserId="6478" --> Word Count (20)
 UserId="18696" --> Word Count (129)
 UserId="18696" --> Word Count (12)
 UserId="18696" --> Word Count (1)
 UserId="6478" Comment="added 1117 characters in body" --> Word Count (198)
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 UserId="9700" Comment="Added potential answer to question that was posed" --> Word Count (202)
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 UserId="13527" --> Word Count (12)
 UserId="13527" --> Word Count (1)
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 UserId="18713" --> Word Count (1)
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 UserId="1154" Comment="Corrected link" --> Word Count (375)
 UserId="18726" --> Word Count (128)
 UserId="18726" --> Word Count (6)
 UserId="18726" --> Word Count (1)
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 UserId="18734" --> Word Count (8)
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 UserId="16284" Comment="reformatted" --> Word Count (11)
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 UserId="9420" --> Word Count (278)
 UserId="18722" --> Word Count (32)
 UserId="5200" --> Word Count (111)
 UserId="471" --> Word Count (76)
 UserId="16812" --> Word Count (161)
 UserId="13891" --> Word Count (103)
 UserId="13891" --> Word Count (8)
 UserId="13891" --> Word Count (1)
 UserId="471" Comment="added 1314 characters in body" --> Word Count (319)
 UserId="14913" --> Word Count (313)
 UserId="6478" --> Word Count (108)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="18139" Comment="added 424 characters in body" --> Word Count (101)
 UserId="6478" Comment="added 278 characters in body" --> Word Count (153)
 UserId="18696" Comment="More context" --> Word Count (239)
 UserId="18696" Comment="added 37 characters in body" --> Word Count (245)
 UserId="4978" --> Word Count (41)
 UserId="4978" --> Word Count (8)
 UserId="4978" --> Word Count (1)
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 UserId="6478" Comment="added 960 characters in body" --> Word Count (714)
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 UserId="18772" --> Word Count (7)

UserId="18772" --> Word Count (1)
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UserId="10345" --> Word Count (10)
UserId="10345" --> Word Count (1)
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UserId="18778" --> Word Count (8)
UserId="18778" --> Word Count (1)
UserId="381" --> Word Count (778)
UserId="13727" --> Word Count (199)
UserId="676" --> Word Count (33)
UserId="676" Comment="added 9 characters in body" --> Word Count (35)
UserId="18787" --> Word Count (253)
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UserId="18787" --> Word Count (1)
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UserId="18790" --> Word Count (1)
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UserId="2573" --> Word Count (68)
UserId="13727" --> Word Count (122)
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UserId="12202" --> Word Count (7)
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UserId="18843" --> Word Count (34)
UserId="6478" --> Word Count (111)
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UserId="12515" Comment="added 456 characters in body; edited title" --> Word Count (171)
UserId="12515" Comment="added 456 characters in body; edited title" --> Word Count (6)
UserId="75" --> Word Count (35)
UserId="12515" Comment="added 456 characters in body; edited title" --> Word Count (199)
UserId="11062" --> Word Count (170)
UserId="11062" --> Word Count (10)
UserId="11062" --> Word Count (1)
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UserId="18790" Comment="added 241 characters in body; edited title" --> Word Count (16)
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UserId="18818" --> Word Count (19)
UserId="18818" --> Word Count (1)
UserId="676" --> Word Count (162)
UserId="18818" Comment="added 51 characters in body" --> Word Count (75)
UserId="13736" --> Word Count (39)
UserId="13736" --> Word Count (6)
UserId="13736" --> Word Count (1)
UserId="676" --> Word Count (119)
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UserId="13527" --> Word Count (58)
UserId="13527" --> Word Count (13)
UserId="13527" --> Word Count (1)

UserId="14789" --> Word Count (176)
 UserId="14789" --> Word Count (12)
 UserId="14789" --> Word Count (1)
 UserId="11097" Comment="added 15 characters in body" --> Word Count (177)
 UserId="5290" --> Word Count (198)
 UserId="5290" --> Word Count (4)
 UserId="5290" --> Word Count (1)
 UserId="5200" --> Word Count (136)
 UserId="5290" Comment="added 1519 characters in body" --> Word Count (319)
 UserId="13736" --> Word Count (194)
 UserId="13736" --> Word Count (11)
 UserId="13736" --> Word Count (1)
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 UserId="18886" --> Word Count (5)
 UserId="18886" --> Word Count (1)
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 UserId="13736" --> Word Count (5)
 UserId="13736" --> Word Count (1)
 UserId="12443" --> Word Count (130)
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 UserId="18888" --> Word Count (27)
 UserId="18888" --> Word Count (5)
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 UserId="836" Comment="added 56 characters in body" --> Word Count (154)
 UserId="15412" --> Word Count (58)
 UserId="381" --> Word Count (101)
 UserId="836" Comment="added 103 characters in body" --> Word Count (169)
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 UserId="16284" Comment="narrowed question title" --> Word Count (8)
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 UserId="17187" --> Word Count (249)
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 UserId="6478" Comment="hedged my explanation, improved formatting" --> Word

Count (614)

UserId="6478" Comment="one final pt added" --> Word Count (678)

UserId="6478" Comment="added links and formatting" --> Word Count (87)

UserId="6478" Comment="truely/falsely changed to true/false " --> Word Count (249)

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UserId="13736" --> Word Count (1218)

UserId="13736" --> Word Count (15)

UserId="13736" --> Word Count (1)

UserId="836" --> Word Count (213)

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UserId="16220" --> Word Count (29)

UserId="6478" Comment="added links" --> Word Count (453)

UserId="6478" Comment="added links" --> Word Count (8)

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UserId="16220" Comment="added 327 characters in body" --> Word Count (50)

UserId="15445" --> Word Count (483)

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UserId="18843" --> Word Count (105)

UserId="18843" --> Word Count (17)

UserId="18843" --> Word Count (1)

UserId="17646" --> Word Count (226)

UserId="6478" Comment="links added" --> Word Count (232)

UserId="18933" --> Word Count (103)

UserId="18933" --> Word Count (8)

UserId="18933" --> Word Count (1)

UserId="18934" --> Word Count (31)

UserId="18787" Comment="added 307 characters in body" --> Word Count (312)

UserId="75" --> Word Count (16)

UserId="18787" Comment="added 293 characters in body" --> Word Count (362)

UserId="14478" --> Word Count (37)

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UserId="14478" --> Word Count (1)

UserId="13213" --> Word Count (325)

UserId="13213" --> Word Count (42)

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UserId="10024" Comment="Changed english to make it clearer and added tag." --> Word Count (1)

UserId="18951" --> Word Count (548)

UserId="18951" --> Word Count (4)

UserId="18951" --> Word Count (1)

UserId="16855" --> Word Count (299)

UserId="16855" --> Word Count (10)

UserId="16855" --> Word Count (1)

UserId="18869" --> Word Count (129)

UserId="16855" Comment="provide additional problem description per request in comment" --> Word Count (461)

UserId="18612" --> Word Count (101)
 UserId="18612" --> Word Count (12)
 UserId="18612" --> Word Count (1)
 UserId="381" Comment="deleted 22 characters in body; edited tags" --> Word Count (101)
 UserId="381" Comment="deleted 22 characters in body; edited tags" --> Word Count (1)
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 UserId="18969" --> Word Count (129)
 UserId="17959" Comment="grammatical issues" --> Word Count (50)
 UserId="676" --> Word Count (276)
 UserId="676" Comment="deleted 54 characters in body" --> Word Count (265)
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 UserId="13213" Comment="via Vote" --> Word Count (1)
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 UserId="13213" Comment="introduced multi-step-prediction to render approach feasible" --> Word Count (155)
 UserId="13213" --> Word Count (124)
 UserId="13413" --> Word Count (115)
 UserId="9186" Comment="better English" --> Word Count (61)
 UserId="6478" --> Word Count (345)
 UserId="10024" Comment="Edited formatting and english to make the concept clear." --> Word Count (117)
 UserId="18992" --> Word Count (126)
 UserId="18992" --> Word Count (5)
 UserId="18992" --> Word Count (1)
 UserId="381" Comment="deleted 6 characters in body" --> Word Count (134)
 UserId="381" --> Word Count (68)
 UserId="12241" --> Word Count (174)
 UserId="12241" --> Word Count (3)
 UserId="12241" --> Word Count (1)
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 UserId="6403" --> Word Count (6)
 UserId="6403" --> Word Count (1)
 UserId="13736" Comment="changed title" --> Word Count (14)
 --> Word Count (126)

UserId="19003" --> Word Count (9)
 UserId="19003" --> Word Count (1)
 UserId="18787" --> Word Count (395)
 UserId="18787" --> Word Count (5)
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 UserId="18968" --> Word Count (144)
 UserId="14904" --> Word Count (146)
 UserId="18843" --> Word Count (48)
 UserId="18843" --> Word Count (6)
 UserId="18843" --> Word Count (1)
 UserId="14826" --> Word Count (28)
 UserId="2723" --> Word Count (21)
 UserId="2723" --> Word Count (5)
 UserId="2723" --> Word Count (1)
 UserId="836" --> Word Count (215)
 UserId="14904" --> Word Count (149)
 UserId="18893" --> Word Count (84)
 UserId="18893" --> Word Count (101)
 UserId="18893" --> Word Count (65)
 UserId="18612" Comment="removing thanks" --> Word Count (99)
 UserId="17310" --> Word Count (78)
 UserId="17310" --> Word Count (12)
 UserId="17310" --> Word Count (1)
 UserId="19040" --> Word Count (42)
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 UserId="17020" --> Word Count (27)
 UserId="17310" Comment="added 69 characters in body" --> Word Count (90)
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 UserId="3024" --> Word Count (1)
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 UserId="381" --> Word Count (143)
 UserId="16853" --> Word Count (172)
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 UserId="9618" --> Word Count (300)

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UserId="9618" --> Word Count (1)
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UserId="381" --> Word Count (40)
UserId="381" Comment="added 33 characters in body" --> Word Count (45)
UserId="13413" Comment="Edited for style, grammar, and clarity." --> Word Count (129)
UserId="13413" Comment="Edited for style, grammar, and clarity." --> Word Count (4)
UserId="16284" Comment="reformatted" --> Word Count (66)
UserId="13413" Comment="Edited for style, grammar, and clarity." --> Word Count (95)
UserId="11097" --> Word Count (139)
UserId="11097" --> Word Count (15)
UserId="11097" --> Word Count (1)
UserId="18843" --> Word Count (79)
UserId="19065" --> Word Count (196)
UserId="19065" Comment="added 327 characters in body" --> Word Count (337)
UserId="19065" Comment="added 44 characters in body" --> Word Count (343)
UserId="3024" Comment="Added code to show the problem; edited body" --> Word Count (733)
UserId="3024" Comment="I've found the solution. Here you are." Text="I have to filter a pandas data frame by matching a complex regular expression on a text index.&#xD;&#xA;&#xD;&#xA;The data frame is multi level indexed, and contains more than 2 million records.&#xD;&#xA;&#xD;&#xA;The way I'm doing is:&#xD;&#xA;&#xD;&#xA; identifiers = self._data.index.get_level_values('identifier')&#xD;&#xA; filt = ... # an_array_of_np.bool_with_the_same_length_as_my_data&#xD;&#xA;&#xD;&#xA; pattern = ... # a complex regular expression, as a string&#xD;&#xA; filt = filt & np.array(identifiers.str.contains(pat=pattern, case=False, regex=True), dtype=np.bool)&#xD;&#xA;&#xD;&#xA; ... # other filterings&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;Unfortunately, the line beginning by `filt = filt &` is very slow.&#xD;&#xA;&#xD;&#xA;I'm wondering if you have some ideas to make it faster. I guess that's because of the `identifiers.str.contains`&#xD;&#xA;&#xD;&#xA;Thanks a lot!&#xD;&#xA;&#xD;&#xA;---&#xD;&#xA;&#xD;&#xA;EDIT:&#xD;&#xA;&#xD;&#xA;Thanks @Emre&#xD;&#xA;&#xD;&#xA;I'm not allowed to share those data, but the code below demonstrates the problem:&#xD;&#xA;&#xD;&#xA;- Step 0: 0:00:00.013527&#xD;&#xA;- Step 1: 0:00:00.010127&#xD;&#xA;- Step 2: 0:00:04.468114&#xD;&#xA;- Step 3: 0:00:02.109594&#xD;&#xA;- Step 4: 0:00:00.027437&#xD;&#xA;&#xD;&#xA;In fact, my feeling is that we apply the regular expression on all the values of the identifiers, while I would expect that the filter applies on the possible values of the index (lost of values are reused many times).&#xD;&#xA;&#xD;&#xA;import pandas as pd&#xD;&#xA; import numpy as np&#xD;&#xA; import datetime&#xD;&#xA; &#xD;&#xA; N = 2000000&#xD;&#xA; N_DVC = 10000&#xD;&#xA; &#xD;&#xA; def getData():&#xD;&#xA; identifiers = np.random.choice(np.array([&#xD;&#xA; &quot;need&quot;, &quot;need:

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foo";, "need: bar";, "need: foo: bar";, "foo:
need";, "bar: need";,
                "not: need";,
"not: need: foo";, "not: need: bar";, "not: need: foo:
bar";, "foo: need: not";, "bar: need: not";,

"need ign";, "need: foo ign";, "need: bar ign";,
"need: foo: bar ign";, "foo: need ign";, "bar: need
ign";,
                "ign need";, "need: ign foo";,
"need: ign bar";, "need: foo: ign bar";,
        ]),
N)
        devices = np.random.choice(np.arange(N_DVC))

timestamps = np.random.choice(pd.date_range('1/1/2016 00:00:00',
periods=60*60*24, freq='s'), N)
        x = np.random.rand(N)

y = np.random.rand(N)
        data = pd.DataFrame({'identifier':
identifiers, 'device': devices, 'timestamp': timestamps, 'x': x, 'y':
y})
        data.set_index(['device', 'identifier', 'timestamp'],
drop=True, inplace=True)
        return data
        

def filterData(data):
        # I know those regular expressions are
not perfect for the example,
        # but it mimics the real
expressions I have
        rexpPlus =
'^(?:[^\s]+:\s)*need(?:(?:\s[^\s]+)*:\s[^\s]+)?$'
        rexpMinus =
'(?:\s)(?:(?:not)|(?:ign))(?:\s)'
        tic =
datetime.datetime.now()
        identifiers =
data.index.get_level_values('identifier')
        print("- Step 0:
%s" % str(datetime.datetime.now() - tic))
        

tic = datetime.datetime.now()
        filt = np.repeat(np.False_,
data.shape[0])
        print("- Step 1: %s" %
str(datetime.datetime.now() - tic))
        
        tic =
datetime.datetime.now()
        filt = filt |
np.array(identifiers.str.contains(pat=rexpPlus, case=False, regex=True),
dtype=np.bool)
        print("- Step 2: %s" %
str(datetime.datetime.now() - tic))
        
        tic =
datetime.datetime.now()
        filt = filt &
(~np.array(identifiers.str.contains(pat=rexpMinus, case=False, regex=True),
dtype=np.bool))
        print("- Step 3: %s" %
str(datetime.datetime.now() - tic))
        
        tic =
datetime.datetime.now()
        data = data.loc[filt, :]&#xD;

print("- Step 4: %s" % str(datetime.datetime.now() - tic))

&#xD;
        return data
        
        if __name__ ==
"__main__":&#xD;
        filterData(getData())&#xD;
        &#xD;

&#xD;
--&#xD;
        EDIT2&#xD;
        &#xD;
I've found a solution:
instead of filtering through all the values, I compute a hash table (in fact a
DataFrame) of the possible values and filter on those
values:&#xD;
        &#xD;
- Step 0: 0:00:00.014251&#xD;
- Step 1:
0:00:00.010097&#xD;
- Init fast filter: 0:00:00.353645&#xD;
- Step 2:
0:00:00.027462&#xD;
- Step 3: 0:00:00.002550&#xD;
- Step 4:
0:00:00.027452&#xD;
- Globally:
0:00:00.435839&#xD;
        &#xD;
        &#xD;
It runs faster because there are
lots of duplicated values.&#xD;
        &#xD;
Here's a class which is doing that
stuff. It works for indexes and normal columns:&#xD;
        class

```

```

DataFrameFastFilterText(object):&#xD;&#xA;          &quot;&quot;&quot;This class
allows fast filtering of text column or index of a data frame&#xD;&#xA;
Instead of filtering directly the values, it computes a hash of the
values&#xD;&#xA;          and applies the filtering to it.&#xD;&#xA;          Then,
it filters the values based on the hash mapping.&#xD;&#xA;          This is faster
than direct filtering if there are lots of duplicates values.&#xD;&#xA;
&quot;&quot;&quot;&#xD;&#xA;          &#xD;&#xA;          def __init__(self, data,
column):&#xD;&#xA;          &quot;&quot;&quot;Constructor&#xD;&#xA;
- data: pandas Data Frame&#xD;&#xA;          - column: name of the column -
the column can be an index&#xD;&#xA;          &quot;&quot;&quot;&#xD;&#xA;
self._data = data.copy() # working with a copy because we will make some
changes&#xD;&#xA;          self._column = column&#xD;&#xA;
self._hashedValues = None&#xD;&#xA;          self._initHashAndData()&#xD;&#xA;
&#xD;&#xA;          def _initHashAndData(self):&#xD;&#xA;
&quot;&quot;&quot;Initialize the hash and transforms the data&#xD;&#xA;
- data: Resets the index, rename the column as 'value' and drops all&#xD;&#xA;
the other columns&#xD;&#xA;          - hash: data frame of 'hashId',
'hashValue'&#xD;&#xA;          &quot;&quot;&quot;&#xD;&#xA;
self._data.reset_index(inplace=True)&#xD;&#xA;          self._data =
self._data.loc[:, [self._column]]&#xD;&#xA;
self._data.rename(columns={self._column: 'value'}, inplace=True)&#xD;&#xA;
self._hash = pd.DataFrame({'value':
pd.Series(self._data['value'].unique())})&#xD;&#xA;
self._hash['hashId'] = self._hash.index&#xD;&#xA;          self._data =
pd.merge(&#xD;&#xA;          left=self._data,&#xD;&#xA;
right=self._hash,&#xD;&#xA;          on='value',&#xD;&#xA;
how='inner',&#xD;&#xA;          )&#xD;&#xA;          &#xD;&#xA;          def
getFilter(self, *args, **kwargs):&#xD;&#xA;          &quot;&quot;&quot;Returns
the filter as a boolean array. It doesn't applies it.&#xD;&#xA;          -
args: positional arguments to pass to pd.Series.str.contains&#xD;&#xA;
- kwargs: named arguments to pass to pd.Series.str.contains&#xD;&#xA;
&quot;&quot;&quot;&#xD;&#xA;          h = self._hash.copy()&#xD;&#xA;
h = h.loc[h['value'].str.contains(*args, **kwargs), :].copy()&#xD;&#xA;
filt = np.array(&#xD;&#xA;
self._data['hashId'].isin(h['hashId'])),&#xD;&#xA;
dtype=np.bool&#xD;&#xA;          )&#xD;&#xA;          return
filt.copy()&#xD;&#xA;&#xD;&#xA;And the example code is adapted as
follows:&#xD;&#xA;&#xD;&#xA;          ...&#xD;&#xA;          tic =
datetime.datetime.now()&#xD;&#xA;          fastFilter = DataFrameFastFilter --> Word
Count (68)
UserId="17794" --> Word Count (77)
UserId="17794" --> Word Count (6)
UserId="17794" --> Word Count (1)
UserId="19067" --> Word Count (173)
UserId="19067" --> Word Count (6)
UserId="19067" --> Word Count (1)
UserId="3024" Comment="Bug fixed the solution (tested with real data set)" -->
Word Count (733)

```

```

UserId="3024" Text="I've found a solution: instead of filtering through all the
values, I compute a hash table (in fact a DataFrame) of the possible values and
filter on those values:&#xD;&#xA;&#xD;&#xA;- Step 0: 0:00:00.014251&#xD;&#xA;-
Step 1: 0:00:00.010097&#xD;&#xA;- Init fast filter: 0:00:00.353645&#xD;&#xA;-
Step 2: 0:00:00.027462&#xD;&#xA;- Step 3: 0:00:00.002550&#xD;&#xA;- Step 4:
0:00:00.027452&#xD;&#xA;- Globally:
0:00:00.435839&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;It runs faster because there are
lots of duplicated values.&#xD;&#xA;&#xD;&#xA;Here's a class which is doing that
stuff. It works for indexes and normal columns:&#xD;&#xA;&#xD;&#xA;    import
pandas as pd&#xD;&#xA;    import numpy as np&#xD;&#xA;    &#xD;&#xA;
&#xD;&#xA;    class DataFrameFastFilterText(object):&#xD;&#xA;
&quot;&quot;&quot;This class allows fast filtering of text column or index of a
data frame&#xD;&#xA;    Instead of filtering directly the values, it computes
a hash of the values&#xD;&#xA;    and applies the filtering to it.&#xD;&#xA;
Then, it filters the values based on the hash mapping.&#xD;&#xA;    This is
faster than direct filtering if there are lots of duplicates values.&#xD;&#xA;
Please note that missing values will be replaced by &quot;&quot; and every value
will&#xD;&#xA;    be converted to string.&#xD;&#xA;    Input data won't
be changed (working on a copy).&#xD;&#xA;    &quot;&quot;&quot;&#xD;&#xA;
&#xD;&#xA;    def __init__(self, data, column, isIndex):&#xD;&#xA;
&quot;&quot;&quot;Constructor&#xD;&#xA;    - data: pandas Data
Frame&#xD;&#xA;    - column: name of the column - the column can be an
index&#xD;&#xA;    - isIndex: True if the column is an index&#xD;&#xA;
&quot;&quot;&quot;&#xD;&#xA;    self._data = data.copy() # working with
a copy because we will make some changes&#xD;&#xA;    self._column =
column&#xD;&#xA;    self._isIndex = isIndex&#xD;&#xA;
self._hashedValues = None&#xD;&#xA;    self._initHashAndData()&#xD;&#xA;
&#xD;&#xA;    def _initHashAndData(self):&#xD;&#xA;
&quot;&quot;&quot;Initialize the hash and transforms the data&#xD;&#xA;
1. data: a. adds an order column&#xD;&#xA;    b. creates the
column from the index if needed,&#xD;&#xA;    c. rename the
column as 'value' and&#xD;&#xA;    d. drops all the other
columns&#xD;&#xA;    e. fill na with &quot;&quot;&#xD;&#xA;
f. convert to strings&#xD;&#xA;    2. hash: data frame of 'hashId',
'hashValue'&#xD;&#xA;    3. data: a. sort by initial order&#xD;&#xA;
b. delete order&#xD;&#xA;    &quot;&quot;&quot;&#xD;&#xA;
self._data['order'] = np.arange(self._data.shape[0])&#xD;&#xA;    if
self._isIndex:&#xD;&#xA;    self._data[self._column] =
self._data.index.get_level_values(self._column)&#xD;&#xA;    self._data
= self._data.loc[:, [self._column, 'order']]&#xD;&#xA;
self._data.rename(columns={self._column: 'value'}, inplace=True)&#xD;&#xA;
self._data['value'] = self._data['value'].fillna(&quot;&quot;,
inplace=False)&#xD;&#xA;    self._data['value'] =
self._data['value'].astype(str)&#xD;&#xA;    self._hash =
pd.DataFrame({'value': pd.Series(self._data['value'].unique())})&#xD;&#xA;
self._hash['hashId'] = self._hash.index&#xD;&#xA;    self._data =
pd.merge(&#xD;&#xA;    left=self._data,&#xD;&#xA;
right=self._hash,&#xD;&#xA;    on='value',&#xD;&#xA;

```



```

how='inner',&#xD;&#xA;                )&#xD;&#xA;
self._data.sort_values(by='order', inplace=True)&#xD;&#xA;                del
self._data['order']&#xD;&#xA;                &#xD;&#xA;                def getFilter(self, *args,
**kwargs):&#xD;&#xA;                &quot;&quot;&quot;Returns the filter as a
boolean array. It doesn't applies it.&#xD;&#xA;                - args: positional
arguments to pass to pd.Series.str.contains&#xD;&#xA;                - kwargs: named
arguments to pass to pd.Series.str.contains&#xD;&#xA;
&quot;&quot;&quot;&#xD;&#xA;                assert &quot;na&quot; not kwargs.keys()
# useless in this context because all the NaN values are already replaced by
empty strings&#xD;&#xA;                h = self._hash.copy()&#xD;&#xA;                h
= h.loc[h['value'].str.contains(*args, **kwargs), :].copy()&#xD;&#xA;
d = self._data.copy()&#xD;&#xA;                d['keep'] =
d['hashId'].isin(h['hashId'])&#xD;&#xA;                return np.array(&#xD;&#xA;
d['keep'],&#xD;&#xA;                dtype=np.bool&#xD;&#xA;
).copy()&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;And the example code is adapted as
follows:&#xD;&#xA;&#xD;&#xA;                ...&#xD;&#xA;                tic =
datetime.datetime.now()&#xD;&#xA;                fastFilter = DataFrameFastFilter --> Word
Count (68)
UserId="14904" --> Word Count (81)
UserId="836" --> Word Count (225)
UserId="836" Comment="added 581 characters in body" --> Word Count (318)
UserId="13413" --> Word Count (261)
UserId="18843" --> Word Count (102)
UserId="18843" Comment="added 2 characters in body" --> Word Count (103)
UserId="19051" Comment="edited tags" --> Word Count (1)
UserId="13686" --> Word Count (110)
UserId="13686" --> Word Count (8)
UserId="13686" --> Word Count (1)
UserId="13686" Comment="formatting" --> Word Count (130)
UserId="19058" --> Word Count (38)
UserId="19058" --> Word Count (10)
UserId="19058" --> Word Count (1)
UserId="836" --> Word Count (111)
UserId="836" Comment="added 95 characters in body" --> Word Count (334)
UserId="10574" Comment="edited body" --> Word Count (66)
UserId="19083" --> Word Count (30)
UserId="836" Comment="added 311 characters in body" --> Word Count (169)
UserId="19085" --> Word Count (108)
UserId="19090" --> Word Count (55)
UserId="17310" --> Word Count (36)
UserId="17310" --> Word Count (4)
UserId="17310" --> Word Count (1)
UserId="12280" --> Word Count (251)
UserId="381" --> Word Count (64)
UserId="381" Comment="added 7 characters in body" --> Word Count (66)
UserId="19094" --> Word Count (24)
UserId="19094" --> Word Count (10)
UserId="19094" --> Word Count (1)

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UserId="19094" --> Word Count (388)
UserId="19095" --> Word Count (8)
UserId="13413" Comment="Edited for spelling, grammar, and clarity." --> Word Count (68)
UserId="13413" Comment="Edited for spelling, grammar, and clarity." --> Word Count (9)
UserId="13291" --> Word Count (163)
UserId="13291" --> Word Count (5)
UserId="13291" --> Word Count (1)
UserId="19100" --> Word Count (173)
UserId="19100" --> Word Count (5)
UserId="19100" --> Word Count (1)
UserId="11097" Comment="deleted 36 characters in body" --> Word Count (190)
UserId="19101" --> Word Count (268)
UserId="19101" --> Word Count (4)
UserId="19101" --> Word Count (1)
UserId="11097" Comment="added 3 characters in body" --> Word Count (292)
UserId="14904" --> Word Count (65)
UserId="13291" --> Word Count (231)
UserId="13291" --> Word Count (5)
UserId="13291" --> Word Count (1)
UserId="19094" Comment="added links" --> Word Count (391)
UserId="924" Comment="edited tags" --> Word Count (1)
UserId="13686" --> Word Count (89)
UserId="843" Comment="edited tags" --> Word Count (1)
UserId="843" Comment="edited tags" --> Word Count (1)
UserId="843" --> Word Count (21)
UserId="843" --> Word Count (5)
UserId="843" --> Word Count (1)
UserId="15255" --> Word Count (86)
UserId="15255" --> Word Count (6)
UserId="15255" --> Word Count (1)
UserId="16250" --> Word Count (127)
UserId="16250" --> Word Count (9)
UserId="16250" --> Word Count (1)
UserId="18998" --> Word Count (17)
UserId="15527" --> Word Count (262)
UserId="17937" --> Word Count (111)
UserId="19127" --> Word Count (155)
UserId="19127" --> Word Count (10)
UserId="19127" --> Word Count (1)
UserId="10345" --> Word Count (218)
UserId="10345" --> Word Count (11)
UserId="10345" --> Word Count (1)
UserId="18843" --> Word Count (195)
UserId="710" --> Word Count (97)
UserId="19132" --> Word Count (90)
UserId="19132" --> Word Count (4)

UserId="19132" --> Word Count (1)
 UserId="11097" Comment="edited body" --> Word Count (89)
 UserId="18787" Comment="added 446 characters in body" --> Word Count (494)
 UserId="18713" Comment="edited tags; edited title" --> Word Count (5)
 UserId="18713" Comment="edited tags; edited title" --> Word Count (1)
 UserId="18713" Comment="edited tags; edited title" --> Word Count (160)
 UserId="17208" --> Word Count (136)
 UserId="16853" --> Word Count (342)
 UserId="16853" --> Word Count (8)
 UserId="16853" --> Word Count (1)
 UserId="21" Comment="105" --> Word Count (3)
 UserId="75" Comment="Improved formatting" --> Word Count (94)
 UserId="17937" --> Word Count (114)
 UserId="16853" --> Word Count (164)
 UserId="16853" --> Word Count (200)
 UserId="16853" --> Word Count (93)
 UserId="12417" --> Word Count (486)
 UserId="12417" --> Word Count (102)
 UserId="11124" --> Word Count (157)
 UserId="19147" --> Word Count (97)
 UserId="19147" --> Word Count (6)
 UserId="19147" --> Word Count (1)
 UserId="13686" Comment="spelling correction" --> Word Count (190)
 UserId="21" Comment="spelling correction" --> Word Count (190)
 UserId="6478" Comment="improved formatting" --> Word Count (95)
 UserId="6478" Comment="improved formatting" --> Word Count (13)
 UserId="15255" Comment="Added more information to the problem by including sample data" --> Word Count (198)
 UserId="13686" --> Word Count (60)
 UserId="19161" --> Word Count (117)
 UserId="19161" --> Word Count (6)
 UserId="19161" --> Word Count (1)
 UserId="19162" --> Word Count (28)
 UserId="19167" --> Word Count (82)
 UserId="14904" --> Word Count (129)
 UserId="14904" Comment="added 740 characters in body" --> Word Count (270)
 UserId="19170" --> Word Count (406)
 UserId="14913" --> Word Count (34)
 UserId="19177" --> Word Count (91)
 UserId="16928" --> Word Count (38)
 UserId="16928" --> Word Count (8)
 UserId="16928" --> Word Count (1)
 UserId="18843" --> Word Count (299)
 UserId="18843" Comment="added 140 characters in body" --> Word Count (321)
 UserId="15255" Comment="added 233 characters in body" --> Word Count (229)
 UserId="11097" Comment="added 23 characters in body" --> Word Count (270)
 UserId="471" --> Word Count (70)
 UserId="19185" --> Word Count (282)

UserId="19185" --> Word Count (7)
 UserId="19185" --> Word Count (1)
 UserId="14904" --> Word Count (83)
 UserId="16928" Comment="added 16 characters in body" --> Word Count (40)
 UserId="16853" --> Word Count (114)
 UserId="16853" Comment="added 645 characters in body" --> Word Count (220)
 UserId="19191" --> Word Count (54)
 UserId="19191" --> Word Count (11)
 UserId="19191" --> Word Count (1)
 UserId="19191" Comment="adding python" --> Word Count (65)
 UserId="19191" Comment="adding python" --> Word Count (14)
 UserId="19191" Comment="adding python" --> Word Count (1)
 UserId="19113" --> Word Count (45)
 UserId="19113" --> Word Count (9)
 UserId="19113" --> Word Count (1)
 UserId="19161" --> Word Count (84)
 UserId="19113" Comment="via Vote" --> Word Count (1)
 UserId="18619" --> Word Count (40)
 UserId="18619" --> Word Count (15)
 UserId="18619" --> Word Count (1)
 UserId="19113" --> Word Count (1)
 UserId="19113" Comment="added 145 characters in body; edited body" --> Word Count (69)
 UserId="471" --> Word Count (141)
 UserId="12515" --> Word Count (301)
 UserId="12515" Comment="added 419 characters in body" --> Word Count (392)
 UserId="19113" Comment="stated question more precisely " --> Word Count (76)
 UserId="1077" --> Word Count (397)
 UserId="15361" --> Word Count (33)
 UserId="19191" Comment="added data sample" --> Word Count (98)
 UserId="19113" --> Word Count (284)
 UserId="19113" --> Word Count (10)
 UserId="19113" --> Word Count (1)
 UserId="19113" Comment="aggregate" --> Word Count (361)
 UserId="13413" --> Word Count (130)
 UserId="19085" --> Word Count (81)
 UserId="19085" Comment="note that mirrored training sets open up a different input representation." --> Word Count (93)
 UserId="16853" --> Word Count (225)
 UserId="836" --> Word Count (147)
 UserId="19212" --> Word Count (150)
 UserId="19212" --> Word Count (6)
 UserId="19212" --> Word Count (1)
 UserId="18787" --> Word Count (398)
 UserId="18787" --> Word Count (6)
 UserId="18787" --> Word Count (1)
 UserId="18787" Comment="added 6 characters in body" --> Word Count (409)
 UserId="18951" --> Word Count (15)

UserId="19212" Comment="deleted 114 characters in body" --> Word Count (128)
 UserId="3439" --> Word Count (112)
 UserId="19240" --> Word Count (128)
 UserId="19240" --> Word Count (7)
 UserId="19240" --> Word Count (1)
 UserId="19242" --> Word Count (151)
 UserId="19242" --> Word Count (7)
 UserId="19242" --> Word Count (1)
 UserId="19241" --> Word Count (104)
 UserId="19241" --> Word Count (14)
 UserId="19241" --> Word Count (1)
 UserId="13686" --> Word Count (108)
 UserId="15527" --> Word Count (124)
 UserId="15527" Comment="Corrected answer" --> Word Count (124)
 UserId="19172" --> Word Count (52)
 UserId="19172" --> Word Count (9)
 UserId="19172" --> Word Count (1)
 UserId="15361" --> Word Count (17)
 UserId="16117" --> Word Count (43)
 UserId="19255" --> Word Count (56)
 UserId="19255" --> Word Count (102)
 UserId="19255" --> Word Count (161)
 UserId="19255" --> Word Count (32)
 UserId="19257" --> Word Count (117)
 UserId="19258" --> Word Count (38)
 UserId="19258" --> Word Count (8)
 UserId="19258" --> Word Count (1)
 UserId="19260" --> Word Count (153)
 UserId="19260" Comment="added 22 characters in body" --> Word Count (169)
 UserId="19260" Comment="added 22 characters in body" --> Word Count (412)
 UserId="924" --> Word Count (26)
 UserId="924" Comment="added 447 characters in body" --> Word Count (96)
 UserId="19261" --> Word Count (176)
 UserId="19261" --> Word Count (10)
 UserId="19261" --> Word Count (1)
 UserId="8517" --> Word Count (115)
 UserId="8517" --> Word Count (8)
 UserId="8517" --> Word Count (1)
 UserId="19263" --> Word Count (47)
 UserId="19265" --> Word Count (194)
 UserId="19266" --> Word Count (49)
 UserId="19266" --> Word Count (6)
 UserId="19266" --> Word Count (1)
 UserId="18843" Comment="edited tags" --> Word Count (1)
 UserId="18843" --> Word Count (47)
 UserId="18843" --> Word Count (19)
 UserId="18843" --> Word Count (1)
 UserId="471" --> Word Count (48)

UserId="471" Comment="format all the things" --> Word Count (463)
 UserId="19242" Comment="format all the things" --> Word Count (472)
 UserId="19278" --> Word Count (404)
 UserId="19278" --> Word Count (4)
 UserId="19278" --> Word Count (1)
 UserId="19067" Comment="added 1123 characters in body" --> Word Count (372)
 UserId="12241" --> Word Count (68)
 UserId="12241" --> Word Count (3)
 UserId="12241" --> Word Count (1)
 UserId="12535" Comment="added 79 characters in body" --> Word Count (475)
 UserId="20287" --> Word Count (128)
 UserId="20287" --> Word Count (8)
 UserId="20287" --> Word Count (1)
 UserId="13100" --> Word Count (100)
 UserId="13100" --> Word Count (4)
 UserId="13100" --> Word Count (1)
 UserId="836" Comment="added 607 characters in body" --> Word Count (466)
 UserId="836" Comment="added 1 character in body" --> Word Count (466)
 UserId="381" --> Word Count (60)
 UserId="16284" --> Word Count (79)
 UserId="19260" Comment="added 92 characters in body" --> Word Count (479)
 UserId="723" --> Word Count (209)
 UserId="20288" --> Word Count (114)
 UserId="20288" --> Word Count (7)
 UserId="20288" --> Word Count (1)
 UserId="14904" --> Word Count (125)
 UserId="20293" --> Word Count (48)
 UserId="20293" --> Word Count (8)
 UserId="20293" --> Word Count (1)
 UserId="14904" Comment="Added some info about retweets" --> Word Count (199)
 UserId="14904" --> Word Count (76)
 UserId="19260" Comment="deleted 4 characters in body" --> Word Count (477)
 UserId="9322" --> Word Count (28)
 UserId="9322" --> Word Count (3)
 UserId="9322" --> Word Count (1)
 UserId="5043" --> Word Count (601)
 UserId="5043" --> Word Count (14)
 UserId="5043" --> Word Count (1)
 UserId="14904" --> Word Count (66)
 UserId="16284" Comment="improved question" --> Word Count (50)
 UserId="10345" --> Word Count (86)
 UserId="18510" --> Word Count (180)
 UserId="18510" Comment="formatting" --> Word Count (167)
 UserId="20302" --> Word Count (82)
 UserId="20302" --> Word Count (6)
 UserId="20302" --> Word Count (1)
 UserId="10345" --> Word Count (33)
 UserId="16220" --> Word Count (16)

UserId="20311" --> Word Count (199)
 UserId="20311" --> Word Count (5)
 UserId="20311" --> Word Count (1)
 UserId="13413" Comment="Removed genetic algorithms tag and added Bioinformatics tag. "Genetic Algorithms";, in the Machine Learning sense, has nothing to do with genome sequencing." --> Word Count (1)
 UserId="18973" --> Word Count (46)
 UserId="18787" Comment="added 2 characters in body" --> Word Count (409)
 UserId="18787" Comment="added 2 characters in body" --> Word Count (358)
 UserId="18787" Comment="deleted 26 characters in body" --> Word Count (356)
 UserId="12527" --> Word Count (72)
 UserId="12527" --> Word Count (9)
 UserId="12527" --> Word Count (1)
 UserId="17937" --> Word Count (301)
 UserId="19172" Comment="deleted 19 characters in body" --> Word Count (48)
 UserId="18722" --> Word Count (51)
 UserId="20321" --> Word Count (166)
 UserId="20321" --> Word Count (9)
 UserId="20321" --> Word Count (1)
 UserId="16928" --> Word Count (386)
 UserId="16928" --> Word Count (13)
 UserId="16928" --> Word Count (1)
 UserId="13413" --> Word Count (32)
 UserId="16928" Comment="added 3 characters in body" --> Word Count (387)
 UserId="16928" Comment="added 126 characters in body" --> Word Count (408)
 UserId="20338" --> Word Count (227)
 UserId="20338" --> Word Count (8)
 UserId="20338" --> Word Count (1)
 UserId="20340" --> Word Count (40)
 UserId="20340" --> Word Count (74)
 UserId="20342" --> Word Count (262)
 UserId="20342" --> Word Count (7)
 UserId="20342" --> Word Count (1)
 UserId="2723" --> Word Count (267)
 UserId="2723" --> Word Count (10)
 UserId="2723" --> Word Count (1)
 UserId="14391" --> Word Count (65)
 UserId="2647" --> Word Count (118)
 UserId="2647" --> Word Count (13)
 UserId="2647" --> Word Count (1)
 UserId="20358" --> Word Count (485)
 UserId="20358" --> Word Count (12)
 UserId="20358" --> Word Count (1)
 UserId="13023" Comment="added additional information about bayesian optimization" --> Word Count (657)
 UserId="14578" --> Word Count (79)
 UserId="15790" --> Word Count (44)
 UserId="15790" --> Word Count (6)

UserId="15790" --> Word Count (1)
UserId="10345" --> Word Count (232)
UserId="12237" --> Word Count (66)
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 UserId="471" --> Word Count (208)
 UserId="15690" Comment="added a picture to illustrate the impact of forces" -->
 Word Count (68)
 UserId="2723" Comment="added 4 characters in body" --> Word Count (275)
 UserId="2647" --> Word Count (157)
 UserId="16853" --> Word Count (83)
 UserId="9420" --> Word Count (421)

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 UserId="15690" Comment="deleted 2 characters in body" --> Word Count (68)
 UserId="18787" Comment="added 1354 characters in body" --> Word Count (617)
 UserId="15624" --> Word Count (177)
 UserId="15624" --> Word Count (10)
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 UserId="20420" --> Word Count (14)
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 UserId="15527" --> Word Count (25)
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 UserId="15613" --> Word Count (1)
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 UserId="16024" --> Word Count (168)
 UserId="18465" --> Word Count (98)
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 UserId="20448" --> Word Count (6)
 UserId="20448" --> Word Count (1)
 UserId="20448" Comment="added 3 characters in body" --> Word Count (87)
 UserId="75" --> Word Count (18)
 UserId="75" --> Word Count (55)
 UserId="20448" Comment="added 492 characters in body" --> Word Count (169)
 UserId="20448" Comment="deleted 110 characters in body" --> Word Count (145)
 UserId="5059" --> Word Count (32)
 UserId="17636" Comment="added 524 characters in body" --> Word Count (185)
 UserId="17309" --> Word Count (198)
 UserId="17309" --> Word Count (7)
 UserId="17309" --> Word Count (1)
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 UserId="12302" --> Word Count (6)
 UserId="12302" --> Word Count (1)
 UserId="20454" --> Word Count (116)
 UserId="20454" --> Word Count (15)

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 UserId="20477" --> Word Count (94)
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 UserId="20477" --> Word Count (1)
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 UserId="13450" --> Word Count (71)
 UserId="13450" --> Word Count (6)
 UserId="13450" --> Word Count (1)
 UserId="13450" Comment="added 82 characters in body" --> Word Count (84)
 UserId="19085" --> Word Count (48)
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 UserId="20485" --> Word Count (8)
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 UserId="13450" Comment="added 45 characters in body" --> Word Count (108)
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UserId="20529" --> Word Count (93)
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UserId="9420" Comment="added a brief statement on online learning." --> Word Count (452)
UserId="3230" Comment="added 368 characters in body" --> Word Count (162)
UserId="19260" --> Word Count (218)
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UserId="19260" Comment="edited body" --> Word Count (218)
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UserId="20565" --> Word Count (1)
UserId="6478" --> Word Count (268)
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UserId="836" Comment="added 58 characters in body" --> Word Count (183)
UserId="16853" --> Word Count (271)
UserId="16853" Comment="deleted 1 character in body" --> Word Count (271)

UserId="16853" Comment="added 105 characters in body" --> Word Count (289)
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 UserId="16853" Comment="added 3 characters in body" --> Word Count (291)
 UserId="20392" Comment="edited tags" --> Word Count (1)
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 UserId="15613" Comment="deleted 9 characters in body" --> Word Count (305)
 UserId="9322" --> Word Count (38)
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 UserId="9322" --> Word Count (1)
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 UserId="16853" --> Word Count (47)
 UserId="1085" --> Word Count (289)
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 UserId="20714" --> Word Count (16)
 UserId="20714" --> Word Count (1)
 UserId="13450" Comment="deleted 47 characters in body" --> Word Count (502)
 UserId="676" --> Word Count (106)
 UserId="20719" --> Word Count (403)
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 UserId="20719" --> Word Count (1)

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 UserId="17635" --> Word Count (32)
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 UserId="19161" --> Word Count (14)
 UserId="6478" --> Word Count (77)
 UserId="9974" --> Word Count (133)
 UserId="6478" Comment="added 3 characters in body" --> Word Count (78)
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 UserId="20736" --> Word Count (1)
 UserId="13727" --> Word Count (291)
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 UserId="20743" --> Word Count (1)
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UserId="8752" --> Word Count (10)
 UserId="8752" --> Word Count (1)
 UserId="8752" Comment="added location to the notebook repo and the data" -->
 Word Count (68)
 UserId="8752" Comment="added location to the notebook repo and the data" -->
 Word Count (11)
 UserId="20780" --> Word Count (127)
 UserId="12515" --> Word Count (199)
 UserId="12515" --> Word Count (107)
 UserId="9420" --> Word Count (75)
 UserId="9420" Comment="Added code example" --> Word Count (182)
 <DELETE> --> Word Count (321)
 UserId="20789" --> Word Count (90)
 UserId="20373" Comment="added information as well as sample data" --> Word
 Count (285)
 UserId="14904" Comment="Added an example" --> Word Count (575)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="21" Comment="104" --> Word Count (5)
 UserId="13450" Comment="added 5 characters in body" --> Word Count (260)
 UserId="18540" --> Word Count (146)
 UserId="20800" --> Word Count (212)
 UserId="20800" --> Word Count (15)
 UserId="20800" --> Word Count (1)
 UserId="20800" Comment="edited tags" --> Word Count (1)
 UserId="14562" --> Word Count (47)
 UserId="14562" --> Word Count (7)
 UserId="14562" --> Word Count (1)
 UserId="14562" --> Word Count (78)
 UserId="17635" --> Word Count (51)
 UserId="20722" Comment="edited title" --> Word Count (14)
 UserId="18544" --> Word Count (198)
 UserId="12575" --> Word Count (25)
 UserId="20722" --> Word Count (41)
 UserId="18540" --> Word Count (427)
 UserId="18540" Comment="added 148 characters in body" --> Word Count (453)
 UserId="3151" --> Word Count (162)
 UserId="3151" --> Word Count (5)
 UserId="3151" --> Word Count (1)
 UserId="9079" --> Word Count (7)
 UserId="20813" --> Word Count (48)
 UserId="20813" --> Word Count (7)
 UserId="20813" --> Word Count (1)
 UserId="12515" --> Word Count (82)
 UserId="11097" Comment="added 6 characters in body; edited tags" --> Word Count
 (48)
 UserId="11097" Comment="added 6 characters in body; edited tags" --> Word Count
 (1)
 UserId="14152" --> Word Count (209)

UserId="17116" Comment="Modified the model" --> Word Count (311)
 UserId="9420" --> Word Count (288)
 UserId="18540" --> Word Count (246)
 UserId="20635" --> Word Count (35)
 UserId="20635" --> Word Count (3)
 UserId="20635" --> Word Count (1)
 UserId="14625" --> Word Count (189)
 UserId="3436" --> Word Count (98)
 UserId="3436" --> Word Count (7)
 UserId="3436" --> Word Count (1)
 UserId="3436" Comment="added 3 characters in body" --> Word Count (114)
 UserId="13002" Comment="added 281 characters in body" --> Word Count (106)
 UserId="8013" --> Word Count (57)
 UserId="8013" --> Word Count (9)
 UserId="8013" --> Word Count (1)
 UserId="2576" --> Word Count (76)
 UserId="3436" Comment="via Vote" --> Word Count (1)
 UserId="20311" --> Word Count (66)
 UserId="20311" --> Word Count (7)
 UserId="20311" --> Word Count (1)
 UserId="20759" --> Word Count (207)
 UserId="3436" --> Word Count (1)
 UserId="3436" Comment="added 31 characters in body" --> Word Count (118)
 UserId="3436" Comment="added 10 characters in body" --> Word Count (121)
 UserId="3436" Comment="added 22 characters in body" --> Word Count (126)
 UserId="14678" --> Word Count (119)
 UserId="13100" --> Word Count (90)
 UserId="13100" --> Word Count (7)
 UserId="13100" --> Word Count (1)
 UserId="20834" --> Word Count (37)
 UserId="3151" Comment="added 49 characters in body" --> Word Count (170)
 UserId="2576" --> Word Count (119)
 UserId="20835" --> Word Count (678)
 UserId="20835" --> Word Count (12)
 UserId="20835" --> Word Count (1)
 UserId="18544" --> Word Count (164)
 UserId="13518" --> Word Count (133)
 UserId="13518" --> Word Count (4)
 UserId="13518" --> Word Count (1)
 UserId="11097" Comment="deleted 17 characters in body" --> Word Count (705)
 UserId="19161" --> Word Count (56)
 UserId="20835" Comment="deleted 2 characters in body" --> Word Count (705)
 UserId="13974" --> Word Count (82)
 UserId="20722" --> Word Count (79)
 UserId="14625" --> Word Count (112)
 UserId="20841" --> Word Count (41)
 UserId="20635" --> Word Count (34)
 UserId="20635" --> Word Count (4)

UserId="20635" --> Word Count (1)
 UserId="13450" --> Word Count (217)
 UserId="13450" --> Word Count (12)
 UserId="13450" --> Word Count (1)
 UserId="13450" Comment="added 5 characters in body" --> Word Count (218)
 UserId="13450" Comment="added 7 characters in body" --> Word Count (218)
 UserId="16213" --> Word Count (47)
 UserId="3151" Comment="added 580 characters in body" --> Word Count (244)
 UserId="381" --> Word Count (82)
 UserId="16213" Comment="Added an answer to a comment." --> Word Count (104)
 UserId="20864" --> Word Count (71)
 UserId="20864" --> Word Count (11)
 UserId="20864" --> Word Count (1)
 UserId="20759" --> Word Count (231)
 UserId="20867" --> Word Count (76)
 UserId="18540" --> Word Count (794)
 UserId="18540" Comment="added 218 characters in body" --> Word Count (831)
 UserId="20873" --> Word Count (21)
 UserId="20873" --> Word Count (16)
 UserId="20873" --> Word Count (1)
 UserId="21" --> Word Count (29)
 UserId="18540" --> Word Count (86)
 UserId="14904" --> Word Count (70)
 UserId="20880" --> Word Count (157)
 UserId="20880" --> Word Count (4)
 UserId="20880" --> Word Count (1)
 UserId="20882" --> Word Count (61)
 UserId="471" --> Word Count (140)
 UserId="20887" --> Word Count (232)
 UserId="20887" --> Word Count (6)
 UserId="20887" --> Word Count (1)
 UserId="12515" --> Word Count (214)
 UserId="12515" --> Word Count (8)
 UserId="12515" --> Word Count (1)
 UserId="12515" Comment="added 286 characters in body" --> Word Count (273)
 UserId="14469" --> Word Count (760)
 UserId="14469" --> Word Count (49)
 UserId="14469" --> Word Count (348)
 UserId="14469" Comment="Improved readability by pulling commented text out of code blocks." --> Word Count (865)
 UserId="13727" --> Word Count (185)
 UserId="13450" Comment="via Vote" --> Word Count (1)
 UserId="13727" Comment="Added mutual-information tag" --> Word Count (1)
 UserId="676" --> Word Count (160)
 UserId="20759" Comment="deleted 6 characters in body" --> Word Count (230)
 UserId="20907" --> Word Count (195)
 UserId="20585" --> Word Count (60)
 UserId="20585" --> Word Count (7)

UserId="20585" --> Word Count (1)
 UserId="14562" --> Word Count (98)
 UserId="16971" --> Word Count (40)
 UserId="13100" --> Word Count (149)
 UserId="13100" --> Word Count (9)
 UserId="13100" --> Word Count (1)
 UserId="10517" --> Word Count (91)
 UserId="20920" --> Word Count (120)
 UserId="20920" --> Word Count (7)
 UserId="20920" --> Word Count (1)
 UserId="20513" --> Word Count (274)
 UserId="20513" --> Word Count (7)
 UserId="20513" --> Word Count (1)
 UserId="16712" --> Word Count (232)
 UserId="16712" --> Word Count (6)
 UserId="16712" --> Word Count (1)
 UserId="16712" Comment="added 6 characters in body" --> Word Count (233)
 UserId="12241" --> Word Count (16)
 UserId="20722" --> Word Count (92)
 UserId="12241" Comment="deleted 45 characters in body" --> Word Count (16)
 UserId="18843" --> Word Count (51)
 UserId="18843" --> Word Count (9)
 UserId="18843" --> Word Count (1)
 UserId="2608" --> Word Count (30)
 UserId="20722" --> Word Count (64)
 UserId="20907" --> Word Count (165)
 UserId="20585" Comment="deleted 5 characters in body" --> Word Count (59)
 UserId="20941" --> Word Count (188)
 UserId="20941" --> Word Count (11)
 UserId="20941" --> Word Count (1)
 UserId="18540" --> Word Count (149)
 UserId="133" --> Word Count (122)
 UserId="133" --> Word Count (6)
 UserId="133" --> Word Count (1)
 UserId="20951" --> Word Count (97)
 UserId="20951" --> Word Count (6)
 UserId="20951" --> Word Count (1)
 UserId="20952" --> Word Count (72)
 UserId="20948" --> Word Count (93)
 UserId="20948" --> Word Count (6)
 UserId="20948" --> Word Count (1)
 UserId="19212" --> Word Count (91)
 UserId="19212" --> Word Count (5)
 UserId="19212" --> Word Count (1)
 UserId="18843" Comment="Minor grammar" --> Word Count (151)
 UserId="6478" --> Word Count (187)
 UserId="19065" --> Word Count (72)
 UserId="19065" --> Word Count (7)

UserId="19065" --> Word Count (1)
 UserId="6478" Comment="added 894 characters in body" --> Word Count (369)
 UserId="6478" Comment="added 178 characters in body" --> Word Count (375)
 UserId="19065" Comment="added 365 characters in body" --> Word Count (132)
 UserId="17696" --> Word Count (68)
 UserId="20959" --> Word Count (112)
 UserId="20959" --> Word Count (9)
 UserId="20959" --> Word Count (1)
 UserId="13686" --> Word Count (52)
 UserId="13686" Comment="grammar edits" --> Word Count (161)
 UserId="3151" --> Word Count (316)
 UserId="3151" --> Word Count (4)
 UserId="3151" --> Word Count (1)
 UserId="19011" --> Word Count (298)
 UserId="19011" --> Word Count (5)
 UserId="19011" --> Word Count (1)
 UserId="19011" --> Word Count (237)
 UserId="19011" --> Word Count (76)
 UserId="18540" Comment="added 149 characters in body" --> Word Count (179)
 UserId="471" Text="This XPath will look for a *tag* called `<Text>` inside
 a tag called `<posthistory>`:

 XPath(x,
 'posthistory/Text');

You want to find the `Text` attribute of
 the `row` tag in `posthistory` tags.

An XPath something like
 this will do that: `/posthistory/row/@ --> Word Count (17)
 UserId="18540" --> Word Count (275)
 UserId="16679" --> Word Count (110)
 UserId="16679" --> Word Count (5)
 UserId="16679" --> Word Count (1)
 UserId="19161" --> Word Count (129)
 UserId="20929" Comment="spelling correction" --> Word Count (91)
 UserId="18843" --> Word Count (201)
 UserId="6478" Comment="fixed grammar, improved formatting, added java tag,
 better title" --> Word Count (62)
 UserId="6478" Comment="fixed grammar, improved formatting, added java tag,
 better title" --> Word Count (10)
 UserId="6478" Comment="fixed grammar, improved formatting, added java tag,
 better title" --> Word Count (1)
 UserId="20907" --> Word Count (155)
 UserId="20981" --> Word Count (10)
 UserId="12739" --> Word Count (22)
 UserId="12739" --> Word Count (15)
 UserId="12739" --> Word Count (1)
 UserId="20982" --> Word Count (144)
 UserId="9828" --> Word Count (184)
 UserId="12739" Comment="edited title" --> Word Count (14)
 UserId="12739" Comment="edited title" --> Word Count (22)
 UserId="13727" --> Word Count (8)
 UserId="13727" Comment="Added aggregation tag" --> Word Count (1)

UserId="21" --> Word Count (56)
 UserId="19212" Comment="added 130 characters in body" --> Word Count (112)
 UserId="13450" --> Word Count (1)
 UserId="13450" Comment="deleted 167 characters in body; edited tags; edited title" --> Word Count (373)
 UserId="13450" Comment="deleted 167 characters in body; edited tags; edited title" --> Word Count (12)
 UserId="13450" Comment="deleted 167 characters in body; edited tags; edited title" --> Word Count (1)
 UserId="20884" --> Word Count (343)
 UserId="20884" --> Word Count (11)
 UserId="20884" --> Word Count (1)
 UserId="16679" Comment="added 104 characters in body; edited title" --> Word Count (162)
 UserId="16679" Comment="added 104 characters in body; edited title" --> Word Count (5)
 UserId="16679" Comment="added 166 characters in body" --> Word Count (187)
 UserId="18540" --> Word Count (130)
 UserId="14625" --> Word Count (135)
 UserId="14625" --> Word Count (9)
 UserId="14625" --> Word Count (1)
 UserId="21006" --> Word Count (22)
 UserId="21009" --> Word Count (31)
 UserId="17636" --> Word Count (114)
 UserId="17636" --> Word Count (7)
 UserId="17636" --> Word Count (1)
 UserId="16679" Comment="added 351 characters in body" --> Word Count (465)
 UserId="17636" Comment="deleted 10 characters in body" --> Word Count (113)
 UserId="21011" Text="I guess you are in a situation that different fields of an address are mixed together. Try break the address text into Shingles and then try [Locality-sensitive Hashing] [3]

[Prof. Jeff Ullman's --> Word Count (22)
 UserId="12515" --> Word Count (56)
 UserId="12515" --> Word Count (3)
 UserId="12515" --> Word Count (1)
 UserId="18843" --> Word Count (51)
 UserId="18843" --> Word Count (12)
 UserId="18843" --> Word Count (1)
 UserId="15202" --> Word Count (1524)
 UserId="21018" --> Word Count (188)
 UserId="12237" --> Word Count (119)
 UserId="12237" --> Word Count (81)
 UserId="13450" Comment="deleted 1 character in body" --> Word Count (373)
 UserId="20907" Comment="added 1723 characters in body" --> Word Count (644)
 UserId="21024" --> Word Count (100)
 UserId="14684" --> Word Count (64)
 UserId="14684" --> Word Count (8)
 UserId="14684" --> Word Count (1)

UserId="13450" Comment="deleted 1 character in body" --> Word Count (398)
 UserId="13450" Comment="deleted 1 character in body" --> Word Count (11)
 UserId="18540" Comment="Edited to include the additional questions in comments."
 --> Word Count (300)
 UserId="14500" --> Word Count (57)
 UserId="21024" --> Word Count (85)
 UserId="21024" Comment="fixed some grammar" --> Word Count (103)
 UserId="20875" --> Word Count (30)
 UserId="21024" Comment="Added a link" --> Word Count (121)
 UserId="20585" --> Word Count (62)
 UserId="20585" --> Word Count (10)
 UserId="20585" --> Word Count (1)
 UserId="6478" --> Word Count (119)
 UserId="6478" Comment="added 358 characters in body" --> Word Count (172)
 UserId="13686" Comment="formatting" --> Word Count (89)
 UserId="3151" Comment="added 35 characters in body" --> Word Count (248)
 UserId="6478" --> Word Count (135)
 UserId="21043" --> Word Count (64)
 UserId="21043" --> Word Count (7)
 UserId="21043" --> Word Count (1)
 UserId="6478" Comment="improved formatting" --> Word Count (141)
 UserId="21006" Comment="added further explanation" --> Word Count (121)
 UserId="21045" --> Word Count (87)
 UserId="21045" --> Word Count (23)
 UserId="21045" --> Word Count (1)
 UserId="21044" --> Word Count (46)
 UserId="21044" --> Word Count (56)
 UserId="21044" --> Word Count (24)
 UserId="15527" --> Word Count (73)
 UserId="471" Comment="Spell "Windows" correctly" --> Word Count (59)
 UserId="12237" --> Word Count (67)
 UserId="20998" --> Word Count (32)
 UserId="21044" Comment="added 30 characters in body" --> Word Count (60)
 UserId="381" --> Word Count (73)
 UserId="6478" --> Word Count (104)
 UserId="11097" Comment="added 13 characters in body" --> Word Count (66)
 UserId="10393" --> Word Count (96)
 UserId="10393" --> Word Count (5)
 UserId="10393" --> Word Count (1)
 UserId="15527" Comment="Spell Windos correctly" --> Word Count (59)
 UserId="13686" --> Word Count (52)
 UserId="13686" --> Word Count (16)
 UserId="13686" --> Word Count (1)
 UserId="17290" --> Word Count (93)
 UserId="17484" --> Word Count (107)
 UserId="17484" --> Word Count (10)
 UserId="17484" --> Word Count (1)
 UserId="14904" --> Word Count (63)

UserId="21075" --> Word Count (39)
 UserId="21075" --> Word Count (7)
 UserId="21075" --> Word Count (1)
 UserId="471" Comment="spell windows correctly" --> Word Count (59)
 UserId="21044" --> Word Count (97)
 UserId="21044" --> Word Count (9)
 UserId="21044" --> Word Count (1)
 UserId="471" Comment="spelling "Windows" correctly will mean searches
 for "orange windows" will work." --> Word Count (94)
 UserId="21044" Comment="deleted 4 characters in body" --> Word Count (97)
 UserId="21079" --> Word Count (224)
 UserId="21079" --> Word Count (9)
 UserId="21079" --> Word Count (1)
 UserId="14904" --> Word Count (150)
 UserId="14904" Comment="added 114 characters in body" --> Word Count (170)
 UserId="21082" --> Word Count (174)
 UserId="21082" --> Word Count (8)
 UserId="21082" --> Word Count (1)
 UserId="21080" Text="I am quite new to predictive modelling but have knowledge
 of GIS, R, python, SQL, etc.

I am currently doing a project
 in work trying to predict when parking spaces will be available based on data
 received from a mobile phone application.

I have 2 sql
 tables

*
ParkingTickets*


 -
 ParkingTicketId (Integer)
 - ParkingAreaId (Integer)
 -
 Latitude (Integer)
 - Longitude (Integer)
 - Location
 (Text)
 - ParkingDate (DateTime)
 - DurationInMinutes
 (Integer)
 - ExpiryDate (DateTime)
 - Day (--> Word
 Count (175)
 UserId="21080" --> Word Count (6)
 UserId="21080" --> Word Count (1)
 UserId="14904" Comment="added 263 characters in body" --> Word Count (220)
 UserId="12237" --> Word Count (72)
 UserId="15315" --> Word Count (42)
 UserId="15315" --> Word Count (8)
 UserId="15315" --> Word Count (1)
 UserId="21" --> Word Count (93)
 UserId="12237" --> Word Count (80)
 UserId="12515" --> Word Count (119)
 UserId="4978" --> Word Count (185)
 UserId="4978" --> Word Count (7)
 UserId="4978" --> Word Count (1)
 UserId="12515" --> Word Count (99)
 UserId="4978" Comment="added 3 characters in body" --> Word Count (186)
 UserId="4978" Comment="added 93 characters in body" --> Word Count (202)
 UserId="12515" --> Word Count (156)
 UserId="21086" --> Word Count (111)
 UserId="21086" --> Word Count (12)
 UserId="21086" --> Word Count (1)

UserId="381" Comment="deleted 26 characters in body" --> Word Count (106)
 UserId="381" --> Word Count (20)
 UserId="12515" Comment="deleted 108 characters in body" --> Word Count (80)
 UserId="21018" --> Word Count (108)
 UserId="14904" Comment="Added some info about batch_size powers" --> Word Count (99)
 UserId="21018" --> Word Count (273)
 UserId="21090" --> Word Count (795)
 UserId="21090" --> Word Count (8)
 UserId="21090" --> Word Count (1)
 UserId="13450" --> Word Count (114)
 UserId="13450" --> Word Count (6)
 UserId="13450" --> Word Count (1)
 UserId="836" --> Word Count (210)
 UserId="836" Comment="added 35 characters in body" --> Word Count (237)
 UserId="836" Comment="edited body" --> Word Count (261)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="13450" Comment="added 56 characters in body" --> Word Count (125)
 UserId="21075" Comment="clarified requirements" --> Word Count (46)
 UserId="20982" --> Word Count (24)
 UserId="5177" Comment="correct formatting" --> Word Count (129)
 UserId="5177" Comment="correcting grammar and typos " --> Word Count (153)
 UserId="5177" Comment="correcting grammar and typos " --> Word Count (10)
 UserId="5177" Comment="correcting grammar" --> Word Count (104)
 UserId="21090" Comment="Improved formatting for simpler questions" --> Word Count (528)
 UserId="21090" Comment="Improved formatting for simpler questions" --> Word Count (8)
 UserId="21090" Comment="deleted 2178 characters in body" --> Word Count (158)
 UserId="21090" Comment="deleted 2178 characters in body" --> Word Count (10)
 UserId="21090" --> Word Count (311)
 UserId="21090" --> Word Count (5)
 UserId="21090" --> Word Count (1)
 UserId="11097" --> Word Count (186)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="836" Comment="added 79 characters in body" --> Word Count (275)
 UserId="836" Comment="added 17 characters in body; edited title" --> Word Count (176)
 UserId="836" Comment="added 17 characters in body; edited title" --> Word Count (14)
 UserId="18919" --> Word Count (121)
 UserId="18919" --> Word Count (10)
 UserId="18919" --> Word Count (1)
 UserId="836" Comment="added "at your own pace" suggestion" --> Word Count (303)

UserId="21024" --> Word Count (127)
 UserId="20759" --> Word Count (639)
 UserId="5177" Comment="Adding tags and formatting" --> Word Count (107)
 UserId="5177" Comment="Adding tags and formatting" --> Word Count (12)
 UserId="5177" Comment="Adding tags and formatting" --> Word Count (1)
 UserId="11097" Comment="added 208 characters in body" --> Word Count (29)
 UserId="11097" Comment="added 63 characters in body" --> Word Count (10)
 UserId="11097" Comment="added 813 characters in body" --> Word Count (129)
 UserId="11097" Comment="added 78 characters in body" --> Word Count (10)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="21120" --> Word Count (73)
 UserId="21120" --> Word Count (10)
 UserId="21120" --> Word Count (1)
 UserId="21124" --> Word Count (227)
 UserId="21124" --> Word Count (12)
 UserId="21124" --> Word Count (1)
 UserId="710" --> Word Count (127)
 UserId="5177" Comment="correcting grammar" --> Word Count (160)
 UserId="21125" --> Word Count (98)
 UserId="21125" --> Word Count (6)
 UserId="21125" --> Word Count (1)
 UserId="15613" Text="I'm looking for a Python library that helps me identify the similarity between two words or sentences. I will be doing audio to text conversion which will result in an English dictionary or non dictionary word (person name or company name) after that, I need to compare it to a known word or words Example. --> Word Count (48)
 UserId="15613" --> Word Count (4)
 UserId="15613" --> Word Count (1)
 UserId="11097" Comment="added 5 characters in body" Text="I'm looking for a Python library that helps me identify the similarity between two words or sentences. 

I will be doing audio to text conversion which will result in an English dictionary or non dictionary word (person name or company name) after that, I need to compare it to a known word or words Example. --> Word Count (47)
 UserId="11097" Comment="added 2 characters in body" --> Word Count (99)
 UserId="11097" Comment="added 2 characters in body" --> Word Count (101)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="14904" --> Word Count (140)
 UserId="11097" --> Word Count (122)
 UserId="15613" Comment="added 48 characters in body" Text="I'm looking for a Python library that helps me identify the similarity between two words or sentences. 

I will be doing Audio to Text conversion which will result in an English dictionary or non dictionary word(s) (This could be a

Person or Company name) After that, I need to compare it to a known word or words. 

Example: 

1) --> Word Count (53)

UserId="11097" Comment="added 112 characters in body" --> Word Count (15)

UserId="21" Comment="added 9 characters in body" --> Word Count (16)

UserId="11097" Comment="added 65 characters in body" --> Word Count (9)

UserId="11097" Comment="added 55 characters in body" --> Word Count (6)

UserId="20585" --> Word Count (47)

UserId="20585" --> Word Count (10)

UserId="20585" --> Word Count (1)

UserId="11097" Comment="added 4 characters in body; edited title" --> Word Count (47)

UserId="11097" Comment="added 4 characters in body; edited title" --> Word Count (10)

UserId="2576" Comment="added 1614 characters in body" --> Word Count (634)

UserId="17484" --> Word Count (54)

UserId="17484" --> Word Count (8)

UserId="17484" --> Word Count (1)

UserId="11097" Comment="deleted 6 characters in body" --> Word Count (54)

UserId="17484" Comment="added 501 characters in body" --> Word Count (138)

UserId="7925" --> Word Count (132)

UserId="21145" --> Word Count (100)

UserId="21145" --> Word Count (7)

UserId="21145" --> Word Count (1)

UserId="14904" --> Word Count (48)

UserId="18744" --> Word Count (164)

UserId="18744" --> Word Count (5)

UserId="18744" --> Word Count (1)

UserId="14904" Comment="added 371 characters in body" --> Word Count (116)

UserId="20759" --> Word Count (253)

UserId="20884" --> Word Count (70)

UserId="20884" --> Word Count (11)

UserId="20884" --> Word Count (1)

UserId="18540" --> Word Count (316)

UserId="18682" --> Word Count (90)

UserId="18682" --> Word Count (4)

UserId="18682" --> Word Count (1)

UserId="20429" --> Word Count (86)

UserId="20429" --> Word Count (7)

UserId="20429" --> Word Count (1)

UserId="18540" --> Word Count (183)

UserId="18682" Comment="edited title" --> Word Count (7)

UserId="21044" Comment="edited title" --> Word Count (9)

UserId="-1" --> Word Count (1)

UserId="-1" --> Word Count (1)

UserId="21162" --> Word Count (108)

UserId="21162" --> Word Count (5)

UserId="21162" --> Word Count (1)

UserId="11097" Comment="deleted 25 characters in body; edited tags" --> Word

Count (102)

UserId="11097" Comment="deleted 25 characters in body; edited tags" --> Word Count (1)

UserId="11097" --> Word Count (114)

UserId="21024" Text="Apart from the suggestions above, there is an extremely useful pdf - [Benchmarking --> Word Count (40)

UserId="20389" --> Word Count (224)

UserId="20389" --> Word Count (9)

UserId="20389" --> Word Count (1)

UserId="11097" Comment="edited tags" --> Word Count (1)

UserId="20509" Comment="added code for sample generation" --> Word Count (376)

UserId="21163" --> Word Count (241)

UserId="21166" --> Word Count (129)

UserId="21166" --> Word Count (7)

UserId="21166" --> Word Count (1)

UserId="11097" Comment="added 278 characters in body" --> Word Count (32)

UserId="11097" Comment="added 54 characters in body" --> Word Count (7)

UserId="17771" --> Word Count (248)

UserId="18682" --> Word Count (57)

UserId="17771" --> Word Count (231)

UserId="21170" --> Word Count (52)

UserId="20779" --> Word Count (47)

UserId="20779" --> Word Count (10)

UserId="20779" --> Word Count (1)

UserId="21175" --> Word Count (132)

UserId="924" Comment="deleted 27 characters in body; edited tags" --> Word Count (207)

UserId="924" Comment="deleted 27 characters in body; edited tags" --> Word Count (1)

UserId="21175" --> Word Count (196)

UserId="21179" --> Word Count (96)

UserId="21179" --> Word Count (6)

UserId="21179" --> Word Count (1)

UserId="19161" --> Word Count (70)

UserId="2647" --> Word Count (190)

UserId="2647" --> Word Count (9)

UserId="2647" --> Word Count (1)

UserId="21184" --> Word Count (135)

UserId="21184" --> Word Count (10)

UserId="21184" --> Word Count (1)

UserId="20585" --> Word Count (104)

UserId="20585" --> Word Count (18)

UserId="20585" --> Word Count (1)

UserId="13727" --> Word Count (261)

UserId="14994" --> Word Count (60)

UserId="21120" Comment="I meant to ask for the Smith-Waterman-Gotoh algorithm explanation, not Smith-Waterman" --> Word Count (73)

UserId="21120" Comment="I meant to ask for the Smith-Waterman-Gotoh algorithm

explanation, not Smith-Waterman" --> Word Count (10)
UserId="20585" --> Word Count (66)
UserId="20585" --> Word Count (10)
UserId="20585" --> Word Count (1)
UserId="11097" Comment="edited tags; edited tags" --> Word Count (1)
UserId="21024" --> Word Count (353)
UserId="21024" Comment="deleted 5 characters in body" --> Word Count (353)
UserId="14906" Comment="typo" --> Word Count (397)
UserId="13727" Comment="Added taxonomy tag" --> Word Count (1)
UserId="21024" Comment="added a tag" --> Word Count (1)
UserId="21024" --> Word Count (113)
UserId="21193" --> Word Count (68)
UserId="21193" --> Word Count (10)
UserId="21193" --> Word Count (1)
UserId="21024" --> Word Count (79)
UserId="20585" Comment="edited title" --> Word Count (10)
UserId="4978" Comment="edited tags" --> Word Count (1)
UserId="21024" Comment="added a tag" --> Word Count (1)
UserId="11097" Comment="added a tag" --> Word Count (1)
UserId="21197" --> Word Count (115)
UserId="21197" --> Word Count (11)
UserId="21197" --> Word Count (1)
UserId="21024" Comment="added tags" --> Word Count (1)
UserId="21198" --> Word Count (96)
UserId="21198" --> Word Count (9)
UserId="21198" --> Word Count (1)
UserId="21175" Comment="deleted 50 characters in body" --> Word Count (120)
UserId="18682" Comment="added 5 characters in body" --> Word Count (90)
UserId="21193" Comment="added 15 characters in body" --> Word Count (71)
UserId="21206" --> Word Count (121)
UserId="21208" --> Word Count (64)
UserId="21208" --> Word Count (3)
UserId="21208" --> Word Count (1)
UserId="21175" --> Word Count (108)
UserId="21175" Comment="added 20 characters in body" --> Word Count (111)
UserId="21211" --> Word Count (186)
UserId="21211" --> Word Count (10)
UserId="21211" --> Word Count (1)
UserId="21" Comment="104" --> Word Count (2)
UserId="21120" --> Word Count (402)
UserId="10786" --> Word Count (35)
UserId="21220" --> Word Count (103)
UserId="21220" --> Word Count (4)
UserId="21220" --> Word Count (1)
UserId="21024" --> Word Count (56)
UserId="21024" --> Word Count (4)
UserId="21024" --> Word Count (1)
UserId="13727" Comment="Added multiclass-classification tag" --> Word Count (1)

UserId="21024" Comment="added tags" --> Word Count (1)
 UserId="21" Comment="added tags" --> Word Count (1)
 UserId="15064" --> Word Count (34)
 UserId="15064" --> Word Count (14)
 UserId="15064" --> Word Count (1)
 UserId="14904" --> Word Count (149)
 UserId="14904" Comment="Small mistake in output" --> Word Count (149)
 UserId="6478" --> Word Count (205)
 UserId="21233" --> Word Count (64)
 UserId="21233" --> Word Count (8)
 UserId="21233" --> Word Count (1)
 UserId="19172" --> Word Count (231)
 UserId="19172" --> Word Count (12)
 UserId="19172" --> Word Count (1)
 UserId="19172" Comment="added 32 characters in body" --> Word Count (236)
 UserId="21234" --> Word Count (31)
 UserId="21211" Comment="added 123 characters in body" --> Word Count (198)
 UserId="19161" --> Word Count (97)
 UserId="19161" --> Word Count (7)
 UserId="19161" --> Word Count (1)
 UserId="15527" --> Word Count (61)
 UserId="8819" --> Word Count (214)
 UserId="381" --> Word Count (58)
 UserId="6486" --> Word Count (46)
 UserId="6486" --> Word Count (18)
 UserId="6486" --> Word Count (1)
 UserId="381" --> Word Count (94)
 UserId="6478" Comment="added 22 characters in body" --> Word Count (208)
 UserId="4953" --> Word Count (54)
 UserId="4953" --> Word Count (15)
 UserId="4953" --> Word Count (1)
 UserId="381" --> Word Count (40)
 UserId="21236" --> Word Count (97)
 UserId="21236" --> Word Count (11)
 UserId="21236" --> Word Count (1)
 UserId="21251" --> Word Count (127)
 UserId="21251" --> Word Count (11)
 UserId="21251" --> Word Count (1)
 UserId="21236" Comment="edited tags" --> Word Count (1)
 UserId="21251" Comment="added 428 characters in body" --> Word Count (217)
 UserId="21251" Comment="added 90 characters in body" --> Word Count (292)
 UserId="2576" --> Word Count (65)
 UserId="16853" --> Word Count (213)
 UserId="15527" --> Word Count (151)
 UserId="3439" --> Word Count (168)
 UserId="21254" --> Word Count (105)
 UserId="21254" --> Word Count (5)
 UserId="21254" --> Word Count (1)

UserId="20945" --> Word Count (26)
 UserId="21260" --> Word Count (92)
 UserId="21260" --> Word Count (5)
 UserId="21260" --> Word Count (1)
 UserId="1244" --> Word Count (143)
 UserId="1244" --> Word Count (5)
 UserId="1244" --> Word Count (1)
 UserId="13413" --> Word Count (162)
 UserId="13413" --> Word Count (7)
 UserId="13413" --> Word Count (1)
 UserId="13413" Comment="Edited link" --> Word Count (162)
 UserId="10049" --> Word Count (62)
 UserId="10049" --> Word Count (11)
 UserId="10049" --> Word Count (1)
 UserId="10049" Comment="edited title" --> Word Count (13)
 UserId="17585" --> Word Count (55)
 UserId="12515" --> Word Count (66)
 UserId="14150" --> Word Count (272)
 UserId="14150" --> Word Count (8)
 UserId="14150" --> Word Count (1)
 UserId="843" Comment="added 1 character in body; edited tags" --> Word Count (38)
 UserId="843" Comment="added 1 character in body; edited tags" --> Word Count (1)
 UserId="21272" --> Word Count (94)
 UserId="21272" --> Word Count (13)
 UserId="21272" --> Word Count (1)
 UserId="21268" --> Word Count (12)
 UserId="21268" --> Word Count (9)
 UserId="21268" --> Word Count (1)
 UserId="12515" --> Word Count (28)
 UserId="13413" Comment="Added line breaks, to make it easier to read." --> Word Count (162)
 UserId="12515" --> Word Count (123)
 UserId="21281" --> Word Count (140)
 UserId="8820" --> Word Count (32)
 UserId="8820" --> Word Count (10)
 UserId="8820" --> Word Count (1)
 UserId="21281" Comment="deleted 7 characters in body" --> Word Count (139)
 UserId="14150" Comment="added 1 character in body" --> Word Count (272)
 UserId="19094" Comment="update" --> Word Count (427)
 UserId="17696" --> Word Count (107)
 UserId="17696" Comment="edited body; added 2 characters in body" --> Word Count (107)
 UserId="8820" --> Word Count (69)
 UserId="18246" --> Word Count (65)
 UserId="9197" --> Word Count (192)
 UserId="9197" --> Word Count (13)

UserId="9197" --> Word Count (1)
 UserId="21294" --> Word Count (83)
 UserId="21294" --> Word Count (8)
 UserId="21294" --> Word Count (1)
 UserId="21291" --> Word Count (400)
 UserId="21291" --> Word Count (15)
 UserId="21291" --> Word Count (1)
 UserId="9197" --> Word Count (69)
 UserId="21155" --> Word Count (112)
 UserId="21155" --> Word Count (3)
 UserId="21155" --> Word Count (1)
 UserId="21155" Comment="edited title" --> Word Count (11)
 UserId="21291" Comment="edited title" --> Word Count (11)
 UserId="3439" Comment="Small syntactical correction on point 3." --> Word Count (170)
 UserId="17116" --> Word Count (406)
 UserId="17116" Comment="added cardinality of row and column" --> Word Count (411)
 UserId="17116" --> Word Count (190)
 UserId="13527" --> Word Count (240)
 UserId="13527" --> Word Count (17)
 UserId="13527" --> Word Count (1)
 UserId="12515" --> Word Count (290)
 UserId="12515" --> Word Count (10)
 UserId="12515" --> Word Count (1)
 UserId="21315" --> Word Count (44)
 UserId="21281" --> Word Count (25)
 UserId="9197" Comment="added 1162 characters in body" --> Word Count (270)
 UserId="836" --> Word Count (192)
 UserId="836" Comment="added 178 characters in body" --> Word Count (221)
 UserId="21319" --> Word Count (69)
 UserId="21319" --> Word Count (15)
 UserId="21319" --> Word Count (1)
 UserId="9197" Comment="added 5 characters in body" --> Word Count (272)
 UserId="10049" --> Word Count (96)
 UserId="10049" --> Word Count (16)
 UserId="10049" --> Word Count (1)
 UserId="12515" --> Word Count (69)
 UserId="10049" --> Word Count (150)
 UserId="18246" --> Word Count (563)
 UserId="18246" --> Word Count (7)
 UserId="18246" --> Word Count (1)
 UserId="1244" Comment="added 182 characters in body" --> Word Count (145)
 UserId="7702" --> Word Count (82)
 UserId="7702" --> Word Count (5)
 UserId="7702" --> Word Count (1)
 UserId="14904" --> Word Count (50)
 UserId="21024" --> Word Count (44)

UserId="9197" Comment="added 11 characters in body" --> Word Count (191)
 UserId="21337" --> Word Count (109)
 UserId="21337" --> Word Count (7)
 UserId="21337" --> Word Count (1)
 UserId="14904" --> Word Count (133)
 UserId="12947" --> Word Count (104)
 UserId="12947" --> Word Count (11)
 UserId="12947" --> Word Count (1)
 UserId="21341" --> Word Count (107)
 UserId="21341" Text=" --> Word Count (9)
 UserId="21341" --> Word Count (1)
 UserId="20544" --> Word Count (261)
 UserId="20544" --> Word Count (7)
 UserId="20544" --> Word Count (1)
 UserId="21024" Comment="added a tag" --> Word Count (1)
 UserId="21024" Comment="added a tag" --> Word Count (1)
 UserId="10049" --> Word Count (91)
 UserId="12515" --> Word Count (182)
 UserId="12515" --> Word Count (6)
 UserId="12515" --> Word Count (1)
 UserId="13518" --> Word Count (60)
 UserId="13518" --> Word Count (7)
 UserId="13518" --> Word Count (1)
 UserId="836" Comment="Correct markdown for itemised list and bold text. Make title more relevant for search results." --> Word Count (193)
 UserId="836" Comment="Correct markdown for itemised list and bold text. Make title more relevant for search results." --> Word Count (13)
 UserId="381" --> Word Count (45)
 UserId="6478" --> Word Count (41)
 UserId="17585" Comment="fixed typo. Answering comment" --> Word Count (81)
 UserId="21352" --> Word Count (2216)
 UserId="21352" --> Word Count (3)
 UserId="21352" --> Word Count (1)
 UserId="6478" Comment="solution requires labelled data" --> Word Count (51)
 UserId="6478" Comment="via Vote" --> Word Count (2)
 UserId="21353" --> Word Count (38)
 UserId="21353" --> Word Count (8)
 UserId="21353" --> Word Count (1)
 UserId="381" Comment="added 487 characters in body" --> Word Count (2703)
 UserId="9420" Comment="Added slightly more explanation." --> Word Count (68)
 UserId="9420" --> Word Count (150)
 UserId="21024" --> Word Count (96)
 UserId="11097" Comment="added 6 characters in body" --> Word Count (97)
 UserId="21024" --> Word Count (125)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="21363" --> Word Count (22)
 UserId="21363" --> Word Count (8)

UserId="21363" --> Word Count (1)
 UserId="11097" Comment="added 1 character in body; edited title" --> Word Count (22)
 UserId="11097" Comment="added 1 character in body; edited title" --> Word Count (8)
 UserId="836" --> Word Count (283)
 UserId="21024" --> Word Count (229)
 UserId="21024" Comment="Added more info" --> Word Count (34)
 UserId="18843" --> Word Count (30)
 UserId="18843" --> Word Count (14)
 UserId="18843" --> Word Count (1)
 UserId="20759" --> Word Count (258)
 UserId="20544" Comment="Fixed formatting issues." --> Word Count (243)
 UserId="6478" Comment="added 656 characters in body" --> Word Count (143)
 UserId="6478" --> Word Count (2)
 UserId="21376" --> Word Count (103)
 UserId="21376" --> Word Count (13)
 UserId="21376" --> Word Count (1)
 UserId="9465" --> Word Count (76)
 UserId="9465" --> Word Count (15)
 UserId="9465" --> Word Count (1)
 UserId="21377" --> Word Count (228)
 UserId="21377" --> Word Count (9)
 UserId="21377" --> Word Count (1)
 UserId="9465" Comment="corrected spelling" --> Word Count (67)
 UserId="9465" Comment="corrected spelling" --> Word Count (15)
 UserId="381" --> Word Count (95)
 UserId="381" --> Word Count (20)
 UserId="381" Comment="edited tags; edited title" --> Word Count (9)
 UserId="381" Comment="edited tags; edited title" --> Word Count (1)
 UserId="20867" --> Word Count (80)
 UserId="9465" Comment="added ReLU definition" --> Word Count (92)
 UserId="9465" Comment="added latex formula" --> Word Count (123)
 UserId="9465" Comment="deleted 29 characters in body" --> Word Count (123)
 UserId="9465" Comment="added 16 characters in body" --> Word Count (126)
 UserId="836" --> Word Count (118)
 UserId="12345" --> Word Count (200)
 UserId="12345" --> Word Count (2)
 UserId="12345" --> Word Count (1)
 UserId="836" Comment="deleted 110 characters in body" --> Word Count (113)
 UserId="20544" --> Word Count (307)
 UserId="20544" --> Word Count (12)
 UserId="20544" --> Word Count (1)
 UserId="21381" --> Word Count (60)
 UserId="21381" --> Word Count (10)
 UserId="21381" --> Word Count (1)
 UserId="21394" --> Word Count (133)
 UserId="21394" --> Word Count (13)

UserId="21394" --> Word Count (1)
 UserId="9465" Comment="added 38 characters in body" --> Word Count (131)
 UserId="9465" Comment="added 114 characters in body" --> Word Count (150)
 UserId="9465" Comment="added 83 characters in body" --> Word Count (158)
 UserId="9465" Comment="added 24 characters in body" --> Word Count (163)
 UserId="21394" Comment="added 28 characters in body" --> Word Count (139)
 UserId="18843" Comment="added 2 characters in body; edited tags" --> Word Count (30)
 UserId="18843" Comment="added 2 characters in body; edited tags" --> Word Count (1)
 UserId="21396" --> Word Count (49)
 UserId="21396" --> Word Count (14)
 UserId="21396" --> Word Count (1)
 UserId="21395" --> Word Count (102)
 UserId="21395" Comment="added 121 characters in body" --> Word Count (131)
 UserId="21395" Comment="added 121 characters in body" --> Word Count (131)
 UserId="836" Comment="added 278 characters in body" --> Word Count (160)
 UserId="836" Comment="added 299 characters in body" --> Word Count (211)
 UserId="836" Comment="added 299 characters in body" --> Word Count (228)
 UserId="836" Comment="added 299 characters in body" --> Word Count (302)
 UserId="836" Comment="added 299 characters in body" --> Word Count (336)
 UserId="10423" --> Word Count (45)
 UserId="10423" --> Word Count (11)
 UserId="10423" --> Word Count (1)
 UserId="21319" --> Word Count (89)
 UserId="21319" --> Word Count (12)
 UserId="21319" --> Word Count (1)
 UserId="13450" --> Word Count (67)
 UserId="13450" --> Word Count (10)
 UserId="13450" --> Word Count (1)
 UserId="21024" --> Word Count (135)
 UserId="21024" Comment="grammar check" --> Word Count (135)
 UserId="10423" Comment="added 153 characters in body; edited title" --> Word Count (63)
 UserId="10423" Comment="added 153 characters in body; edited title" --> Word Count (8)
 UserId="10423" Comment="changed one tag" --> Word Count (1)
 UserId="21024" --> Word Count (191)
 UserId="10423" Comment="added 2 characters in body" --> Word Count (62)
 UserId="21024" Comment="changed title" --> Word Count (14)
 UserId="21024" Comment="changed title" --> Word Count (1)
 UserId="21426" --> Word Count (422)
 UserId="21433" --> Word Count (69)
 UserId="21433" --> Word Count (7)
 UserId="21433" --> Word Count (1)
 UserId="381" Comment="added 409 characters in body" --> Word Count (104)
 UserId="381" --> Word Count (32)
 UserId="381" Comment="deleted 6 characters in body" --> Word Count (103)

UserId="20585" Text="I'm working with datumbox ml framework for sentiment analysis.[Here the git link][1]. I found a sentiment Ml code in code examples of frame work [here is the code example link][2]. I want to use same code for twitter-sentiment But in the code example,only two training datasets are used pos,neg But for Twitter sentiment analysis,I want to include Neutral sentiment also.I do have my own training datasets of pos & neg tweets but I don't any Neutral datasets.

My doubt is : 

1) Do I need to feed neutral training dataset for giving the neutral sentiment? 
or 

2) Do I need to predict neutral sentiment based on positive & negative training sets.if I need go for predicting then I need an idea on how to do that?
 


 [1]: <https://github.com/datumbox/datumbox-framework>
 [2]: <https://github.com/datumbox/datumbox-framework-examples/blob/master/src/main/java/com/datumbox/examples/> --> Word Count (1)

UserId="20585" --> Word Count (11)

UserId="20585" --> Word Count (1)

UserId="21024" Comment="Grammar and added a tag" --> Word Count (11)

UserId="21024" Comment="Grammar and added a tag" --> Word Count (1)

UserId="17696" --> Word Count (92)

UserId="21024" --> Word Count (58)

UserId="20867" --> Word Count (42)

UserId="21449" --> Word Count (50)

UserId="21449" --> Word Count (14)

UserId="21449" --> Word Count (1)

UserId="20995" --> Word Count (100)

UserId="20995" --> Word Count (9)

UserId="20995" --> Word Count (1)

UserId="13518" --> Word Count (136)

UserId="13450" Comment="added 167 characters in body" --> Word Count (94)

UserId="2647" --> Word Count (130)

UserId="15501" --> Word Count (369)

UserId="21462" --> Word Count (199)

UserId="21462" --> Word Count (9)

UserId="21462" --> Word Count (1)

UserId="21462" Comment="added 100 characters in body" --> Word Count (220)

UserId="21461" --> Word Count (273)

UserId="21461" --> Word Count (7)

UserId="21461" --> Word Count (1)

UserId="18156" --> Word Count (202)

UserId="381" Comment="deleted 2 characters in body" --> Word Count (273)

UserId="21462" Comment="added 78 characters in body" --> Word Count (232)

UserId="15527" --> Word Count (71)

UserId="21462" Comment="added 59 characters in body" --> Word Count (244)

UserId="21478" --> Word Count (84)

UserId="21478" --> Word Count (15)

UserId="21478" --> Word Count (1)

UserId="21481" --> Word Count (105)

UserId="21481" --> Word Count (11)

UserId="21481" --> Word Count (1)
 UserId="18843" Comment="Attempted improvement to explaining query" --> Word Count (123)
 UserId="14904" --> Word Count (86)
 UserId="21024" --> Word Count (92)
 UserId="21024" --> Word Count (6)
 UserId="21024" --> Word Count (1)
 UserId="14904" --> Word Count (164)
 UserId="21024" Comment="grammar check" --> Word Count (105)
 UserId="21" Comment="grammar check" --> Word Count (100)
 UserId="11097" Comment="added 4 characters in body" --> Word Count (116)
 UserId="9420" --> Word Count (277)
 UserId="9420" --> Word Count (6)
 UserId="9420" --> Word Count (1)
 UserId="21478" Comment="Rewrote to be more explicit about the problem, with an example image" --> Word Count (96)
 UserId="21478" Comment="Rewrote to be more explicit about the problem, with an example image" --> Word Count (15)
 UserId="21024" Comment="added 1 character in body" --> Word Count (93)
 UserId="16853" --> Word Count (212)
 UserId="14904" --> Word Count (161)
 UserId="9941" Comment="Added a list of combinations" --> Word Count (143)
 UserId="21486" --> Word Count (77)
 UserId="21486" --> Word Count (6)
 UserId="21486" --> Word Count (1)
 UserId="21487" --> Word Count (70)
 UserId="21487" --> Word Count (9)
 UserId="21487" --> Word Count (1)
 UserId="21024" --> Word Count (108)
 UserId="17772" --> Word Count (223)
 UserId="17772" --> Word Count (7)
 UserId="17772" --> Word Count (1)
 UserId="676" --> Word Count (146)
 UserId="10915" --> Word Count (43)
 UserId="10915" --> Word Count (4)
 UserId="10915" --> Word Count (1)
 UserId="836" --> Word Count (105)
 UserId="21497" --> Word Count (68)
 UserId="18544" --> Word Count (401)
 UserId="9420" Comment="Changed some wording for slightly better English composition and definitively answered the remaining question discussed in the comments." --> Word Count (138)
 UserId="21500" --> Word Count (222)
 UserId="21430" --> Word Count (39)
 UserId="21430" --> Word Count (8)
 UserId="21430" --> Word Count (1)
 UserId="21503" --> Word Count (66)
 UserId="21503" --> Word Count (17)

UserId="21503" --> Word Count (1)
 UserId="381" --> Word Count (128)
 UserId="9003" --> Word Count (92)
 UserId="9003" --> Word Count (5)
 UserId="9003" --> Word Count (1)
 UserId="836" --> Word Count (507)
 UserId="21462" Comment="added 154 characters in body" --> Word Count (281)
 UserId="836" Comment="added 243 characters in body" --> Word Count (531)
 UserId="21462" Comment="added 23 characters in body" --> Word Count (291)
 UserId="21508" --> Word Count (74)
 UserId="21508" --> Word Count (5)
 UserId="21508" --> Word Count (1)
 UserId="381" Comment="added 332 characters in body" --> Word Count (177)
 UserId="836" Comment="edited body" --> Word Count (533)
 UserId="381" Comment="added 28 characters in body" --> Word Count (178)
 UserId="9420" Comment="Degeneralized the title and turned it into a question"
 --> Word Count (11)
 UserId="9420" Comment="Added one additional item to the title" --> Word Count
 (8)
 UserId="21510" --> Word Count (50)
 UserId="21510" --> Word Count (123)
 UserId="21510" --> Word Count (55)
 UserId="21510" --> Word Count (32)
 UserId="21510" --> Word Count (34)
 UserId="924" --> Word Count (113)
 UserId="13291" --> Word Count (63)
 UserId="13291" --> Word Count (3)
 UserId="13291" --> Word Count (1)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="13395" --> Word Count (203)
 UserId="13395" --> Word Count (16)
 UserId="13395" --> Word Count (1)
 UserId="13768" --> Word Count (117)
 UserId="13768" --> Word Count (4)
 UserId="13768" --> Word Count (1)
 UserId="19147" --> Word Count (93)
 UserId="19147" --> Word Count (8)
 UserId="19147" --> Word Count (1)
 UserId="18156" --> Word Count (43)
 UserId="20372" --> Word Count (101)
 UserId="9420" --> Word Count (154)
 UserId="9420" Comment="spelling out RBM as restricted boltzmann machine so that
 lay readers can better understand" --> Word Count (245)
 UserId="9420" Comment="spelling out RBM as restricted boltzmann machine so that
 lay readers can better understand" --> Word Count (12)
 UserId="21461" Comment="Better english" --> Word Count (272)
 UserId="10620" --> Word Count (359)
 UserId="17269" --> Word Count (61)

UserId="10620" Comment="Minor typo corrected" --> Word Count (359)
 UserId="8820" --> Word Count (223)
 UserId="8820" --> Word Count (11)
 UserId="8820" --> Word Count (1)
 UserId="8820" Comment="added 156 characters in body" --> Word Count (261)
 UserId="9420" Comment="Changed the title as the original title gave very little indication of what the real questions were." --> Word Count (19)
 UserId="13662" --> Word Count (298)
 UserId="13662" Comment="added 47 characters in body" --> Word Count (304)
 UserId="13662" Comment="added 7 characters in body" --> Word Count (305)
 UserId="16538" --> Word Count (267)
 UserId="21560" --> Word Count (108)
 UserId="21560" --> Word Count (5)
 UserId="21560" --> Word Count (1)
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 UserId="18013" --> Word Count (480)
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 UserId="8285" --> Word Count (1)
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 UserId="10584" --> Word Count (1)
 UserId="10584" Comment="added 503 characters in body" --> Word Count (117)
 UserId="21197" --> Word Count (239)
 UserId="21197" --> Word Count (8)
 UserId="21197" --> Word Count (1)
 UserId="14588" --> Word Count (73)
 UserId="9420" Comment="fixed a hyperlink syntax issue" --> Word Count (154)
 UserId="16853" --> Word Count (60)
 UserId="21573" --> Word Count (75)
 UserId="21573" --> Word Count (13)
 UserId="21573" --> Word Count (1)
 UserId="8820" --> Word Count (32)
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UserId="21565" Comment="added 64 characters in body" --> Word Count (57)
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 UserId="8820" Comment="Added note about 1x1 convolutions" --> Word Count (330)
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 UserId="21565" Comment="deleted 24 characters in body" --> Word Count (6)
 UserId="19147" Comment="added 106 characters in body" --> Word Count (112)
 UserId="21576" --> Word Count (69)
 UserId="21576" --> Word Count (13)
 UserId="21576" --> Word Count (1)
 UserId="12515" --> Word Count (81)
 UserId="19147" Comment="added 31 characters in body" --> Word Count (119)
 UserId="8820" --> Word Count (20)
 UserId="9420" Comment="Added addedum based on edit to the question." --> Word Count (343)
 UserId="836" --> Word Count (214)
 UserId="836" Comment="edited body" --> Word Count (214)
 UserId="21580" --> Word Count (93)
 UserId="843" Comment="add Nervana's Deep Learning Course" --> Word Count (180)
 UserId="843" --> Word Count (30)
 UserId="13662" Comment="added 4 characters in body" --> Word Count (332)
 UserId="9420" --> Word Count (211)
 UserId="9420" Comment="Added one brief paragraph on math." --> Word Count (239)
 UserId="21024" --> Word Count (28)
 UserId="21567" --> Word Count (308)
 UserId="16853" Comment="added 28 characters in body" --> Word Count (691)
 UserId="21567" --> Word Count (253)
 UserId="20497" --> Word Count (126)
 UserId="20497" --> Word Count (7)
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 UserId="21596" --> Word Count (1)
 UserId="18315" --> Word Count (85)
 UserId="18315" --> Word Count (9)
 UserId="18315" --> Word Count (1)
 UserId="21565" Comment="added 233 characters in body" --> Word Count (89)
 UserId="21" Comment="105" --> Word Count (2)
 UserId="15905" --> Word Count (88)
 UserId="12515" --> Word Count (132)
 UserId="21608" Text="I am trying to build a multi-label classifier for suggesting tags on blog posts. The textual data is full of noise. The approach I have been following until now was a BOW approach with Tf-idf weighting. However I could only get an accuracy of around 0.35 on the test set using OnevsRest approach and a SVC. I then decided to eliminate the noise and I applied --> Word Count (92)
 UserId="21608" Text="Multi-label --> Word Count (2)

UserId="21608" --> Word Count (1)
 UserId="10024" Comment="english and formatting" --> Word Count (88)
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 UserId="6403" --> Word Count (125)
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 UserId="21625" --> Word Count (57)
 UserId="21625" --> Word Count (5)
 UserId="21625" --> Word Count (1)
 UserId="21" Comment="101" --> Word Count (2)
 UserId="21567" --> Word Count (191)
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 UserId="13736" --> Word Count (7)
 UserId="13736" --> Word Count (1)
 UserId="21414" --> Word Count (273)
 UserId="21414" Comment="edited body" --> Word Count (296)
 UserId="21627" --> Word Count (773)
 UserId="21627" --> Word Count (8)
 UserId="21627" --> Word Count (1)
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 UserId="21638" --> Word Count (252)
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 UserId="21464" Comment="added 2102 characters in body" --> Word Count (562)
 UserId="8152" --> Word Count (195)
 UserId="21642" --> Word Count (236)
 UserId="21642" --> Word Count (3)
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 UserId="13736" Comment="added 1 character in body; edited tags" --> Word Count (1)
 UserId="21464" --> Word Count (146)
 UserId="21464" --> Word Count (7)
 UserId="21464" --> Word Count (1)
 UserId="381" --> Word Count (46)
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 UserId="21636" --> Word Count (71)
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 UserId="20722" --> Word Count (121)
 UserId="20722" --> Word Count (5)

UserId="20722" --> Word Count (1)
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 UserId="21657" --> Word Count (149)
 UserId="21657" --> Word Count (7)
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 UserId="21658" --> Word Count (1)
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 UserId="21662" --> Word Count (13)
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In [--> Word Count (118)
 UserId="14955" --> Word Count (52)
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 UserId="21676" --> Word Count (10)
 UserId="21676" --> Word Count (1)
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 UserId="15361" --> Word Count (31)
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 UserId="20630" --> Word Count (11)
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 UserId="16853" --> Word Count (99)
 UserId="21692" --> Word Count (119)
 UserId="21692" --> Word Count (8)
 UserId="21692" --> Word Count (1)
 UserId="21691" --> Word Count (90)
 UserId="21691" --> Word Count (8)
 UserId="21691" --> Word Count (1)

UserId="16853" --> Word Count (154)
 UserId="16853" Comment="added 860 characters in body" --> Word Count (268)
 UserId="12515" --> Word Count (116)
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 UserId="20594" --> Word Count (5)
 UserId="20594" --> Word Count (1)
 UserId="21699" --> Word Count (53)
 UserId="16380" --> Word Count (59)
 UserId="16380" --> Word Count (11)
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 UserId="16853" Comment="added 16 characters in body" --> Word Count (268)
 UserId="21669" Comment="Changed english" --> Word Count (148)
 UserId="21669" Comment="Changed english" --> Word Count (105)
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 UserId="21702" --> Word Count (127)
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 UserId="21242" --> Word Count (4)
 UserId="21242" --> Word Count (1)
 UserId="21707" --> Word Count (176)
 UserId="21707" --> Word Count (6)
 UserId="21707" --> Word Count (1)
 UserId="19132" --> Word Count (302)
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 UserId="8237" --> Word Count (214)
 UserId="21567" --> Word Count (283)
 UserId="21567" --> Word Count (67)
 UserId="21713" --> Word Count (55)
 UserId="13450" --> Word Count (249)
 UserId="13450" --> Word Count (5)
 UserId="13450" --> Word Count (1)
 UserId="21024" Comment="added tags" --> Word Count (1)
 UserId="20429" --> Word Count (226)
 UserId="16380" Comment="added 44 characters in body" --> Word Count (70)
 UserId="21722" --> Word Count (107)
 UserId="21510" --> Word Count (74)
 UserId="21510" --> Word Count (78)
 UserId="21510" --> Word Count (96)
 UserId="21510" --> Word Count (55)
 UserId="21510" --> Word Count (59)
 UserId="21510" --> Word Count (55)
 UserId="21510" --> Word Count (176)

UserId="21733" --> Word Count (37)
 UserId="21737" --> Word Count (42)
 UserId="9420" --> Word Count (806)
 UserId="20974" --> Word Count (47)
 UserId="20974" --> Word Count (5)
 UserId="20974" --> Word Count (1)
 UserId="924" --> Word Count (25)
 UserId="9465" --> Word Count (54)
 UserId="9465" --> Word Count (16)
 UserId="9465" --> Word Count (1)
 UserId="21690" --> Word Count (170)
 UserId="21690" --> Word Count (6)
 UserId="21690" --> Word Count (1)
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 Word Count (170)
 UserId="21746" Comment="changed title from 'predictive' to associative" -->
 Word Count (6)
 UserId="10517" Comment="fixed grammar" --> Word Count (45)
 UserId="21749" --> Word Count (235)
 UserId="21749" --> Word Count (11)
 UserId="21749" --> Word Count (1)
 UserId="21750" --> Word Count (128)
 UserId="21750" --> Word Count (9)
 UserId="21750" --> Word Count (1)
 UserId="21755" --> Word Count (502)
 UserId="21755" --> Word Count (9)
 UserId="21755" --> Word Count (1)
 UserId="16853" --> Word Count (188)
 UserId="16853" Comment="added 541 characters in body" --> Word Count (281)
 UserId="21749" Comment="added 259 characters in body" --> Word Count (280)
 UserId="21319" --> Word Count (70)
 UserId="21319" --> Word Count (13)
 UserId="21319" --> Word Count (1)
 UserId="9465" Comment="added 1299 characters in body" --> Word Count (242)
 UserId="21690" Comment="added 33 characters in body" --> Word Count (177)
 UserId="9465" Comment="bold-ing; deleted 19 characters in body" --> Word Count
 (240)
 UserId="16853" --> Word Count (402)
 UserId="21024" Comment="added a tag" --> Word Count (1)
 UserId="21319" Comment="added 79 characters in body" --> Word Count (86)
 UserId="9420" --> Word Count (517)
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 UserId="21775" --> Word Count (142)
 UserId="21775" --> Word Count (11)
 UserId="21775" --> Word Count (1)
 UserId="21733" Comment="added gist for quick reference" --> Word Count (64)
 UserId="16853" Comment="added 4 characters in body" --> Word Count (281)
 UserId="9465" Comment="added 4 characters in body" --> Word Count (240)

UserId="9465" Comment="added 19 characters in body" --> Word Count (243)
 UserId="21787" --> Word Count (134)
 UserId="21787" --> Word Count (4)
 UserId="21787" --> Word Count (1)
 UserId="18321" --> Word Count (114)
 UserId="18321" --> Word Count (7)
 UserId="18321" --> Word Count (1)
 UserId="14904" --> Word Count (82)
 UserId="21790" --> Word Count (141)
 UserId="9420" --> Word Count (235)
 UserId="2504" --> Word Count (27)
 UserId="2504" --> Word Count (5)
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 UserId="13518" --> Word Count (55)
 UserId="21799" --> Word Count (87)
 UserId="21799" --> Word Count (10)
 UserId="21799" --> Word Count (1)
 UserId="10416" --> Word Count (114)
 UserId="10416" --> Word Count (18)
 UserId="10416" --> Word Count (1)
 UserId="10416" Comment="added 5 characters in body" --> Word Count (115)
 UserId="21464" --> Word Count (43)
 UserId="21804" --> Word Count (114)
 UserId="20974" Comment="added 98 characters in body" --> Word Count (59)
 UserId="122" --> Word Count (97)
 UserId="122" --> Word Count (8)
 UserId="122" --> Word Count (1)
 UserId="13518" Comment="corrected spelling, fixed grammatical errors" --> Word Count (114)
 UserId="21810" --> Word Count (102)
 UserId="21810" --> Word Count (6)
 UserId="21810" --> Word Count (1)
 UserId="381" --> Word Count (61)
 UserId="1177" --> Word Count (194)
 UserId="10416" Comment="added 19 characters in body" --> Word Count (119)
 UserId="8820" --> Word Count (63)
 UserId="17696" --> Word Count (65)
 UserId="21790" Comment="added 59 characters in body" --> Word Count (131)
 UserId="17696" Comment="writing editing " --> Word Count (96)
 UserId="14904" Comment="writing editing " --> Word Count (95)
 UserId="17772" --> Word Count (268)
 UserId="17772" --> Word Count (8)
 UserId="17772" --> Word Count (1)
 UserId="17772" Comment="added code" --> Word Count (278)
 UserId="17772" Comment="added 27 characters in body" --> Word Count (280)
 UserId="10517" --> Word Count (138)
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 UserId="16853" Comment="deleted 900 characters in body" --> Word Count (341)
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 UserId="21829" --> Word Count (159)
 UserId="21829" --> Word Count (11)
 UserId="21829" --> Word Count (1)
 UserId="19170" --> Word Count (244)
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 UserId="21565" --> Word Count (162)
 UserId="21565" Comment="deleted 113 characters in body" --> Word Count (131)
 UserId="21565" Comment="deleted 39 characters in body" --> Word Count (126)
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 UserId="21834" --> Word Count (281)
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 UserId="21834" Comment="more tags added" --> Word Count (1)
 UserId="381" --> Word Count (68)
 UserId="20978" --> Word Count (38)
 UserId="20978" --> Word Count (8)
 UserId="20978" --> Word Count (1)
 UserId="15604" --> Word Count (161)
 UserId="9420" --> Word Count (159)
 UserId="9420" Comment="fixed the last link which only linked behind my university library to one that is more public." --> Word Count (159)
 UserId="21565" Comment="added 2 characters in body" --> Word Count (162)
 UserId="941" --> Word Count (470)
 UserId="21565" Comment="added 4 characters in body" --> Word Count (161)
 UserId="21565" Comment="added 14 characters in body" --> Word Count (162)
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 UserId="21451" --> Word Count (6)
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 UserId="17511" --> Word Count (124)
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 UserId="8820" --> Word Count (64)
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UserId="381" --> Word Count (111)
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 UserId="9465" --> Word Count (174)
 UserId="9465" --> Word Count (19)
 UserId="9465" --> Word Count (1)
 UserId="6403" --> Word Count (103)
 UserId="9465" Comment="added 94 characters in body" --> Word Count (192)
 UserId="6403" Comment="added simple regression" --> Word Count (195)
 UserId="381" --> Word Count (25)
 UserId="381" --> Word Count (43)
 UserId="9186" Comment="spelling" --> Word Count (231)
 UserId="21242" --> Word Count (64)
 UserId="21242" --> Word Count (7)
 UserId="21242" --> Word Count (1)
 UserId="15361" Comment="added 42 characters in body" --> Word Count (37)
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 UserId="21755" --> Word Count (48)
 UserId="21815" --> Word Count (235)
 UserId="924" Comment="edited tags" --> Word Count (1)
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 UserId="21932" --> Word Count (24)
 UserId="9420" --> Word Count (285)
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 --> Word Count (155)
 UserId="20926" --> Word Count (52)
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 UserId="21936" --> Word Count (24)
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 UserId="924" --> Word Count (77)
 UserId="21943" Comment="added 154 characters in body" --> Word Count (273)
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 UserId="16853" Comment="added 569 characters in body" --> Word Count (461)
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 UserId="21980" Comment="corrected grammar" --> Word Count (151)
 UserId="21982" --> Word Count (133)
 UserId="21982" --> Word Count (14)
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 UserId="20867" --> Word Count (74)
 UserId="20867" --> Word Count (66)
 UserId="21737" Comment="Insert the figures for better reading" --> Word Count (154)
 UserId="21982" Comment="edited title" --> Word Count (14)
 UserId="11097" Comment="added 6 characters in body" --> Word Count (157)
 UserId="21992" --> Word Count (99)
 UserId="21992" --> Word Count (13)
 UserId="21992" --> Word Count (1)
 UserId="21024" --> Word Count (31)
 UserId="21992" Comment="Improved question with example." --> Word Count (175)
 UserId="21998" --> Word Count (53)
 UserId="21998" --> Word Count (7)
 UserId="21998" --> Word Count (1)
 UserId="21384" --> Word Count (256)
 UserId="21384" --> Word Count (5)
 UserId="21384" --> Word Count (1)
 UserId="21995" --> Word Count (37)
 UserId="2504" --> Word Count (76)
 UserId="2504" --> Word Count (4)
 UserId="2504" --> Word Count (1)
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 UserId="21596" --> Word Count (1)
 UserId="8041" --> Word Count (176)
 UserId="21951" --> Word Count (8)
 UserId="21692" --> Word Count (11)
 UserId="21462" Comment="added 84 characters in body" --> Word Count (299)
 UserId="19161" --> Word Count (169)
 UserId="22008" --> Word Count (24)
 UserId="21951" Comment="Added additional resources to address follow up question." --> Word Count (14)
 UserId="22012" --> Word Count (83)
 UserId="22012" --> Word Count (11)
 UserId="22012" --> Word Count (1)

UserId="21702" --> Word Count (94)
 UserId="21024" --> Word Count (63)
 UserId="18811" --> Word Count (75)
 UserId="18811" --> Word Count (10)
 UserId="18811" --> Word Count (1)
 UserId="21998" Comment="added 365 characters in body" --> Word Count (110)
 UserId="16024" --> Word Count (203)
 UserId="10517" --> Word Count (47)
 UserId="941" --> Word Count (111)
 UserId="22030" --> Word Count (140)
 UserId="22030" --> Word Count (6)
 UserId="22030" --> Word Count (1)
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 UserId="22034" --> Word Count (6)
 UserId="22034" --> Word Count (1)
 UserId="133" --> Word Count (128)
 UserId="133" --> Word Count (13)
 UserId="133" --> Word Count (1)
 UserId="133" Comment="edited tags" --> Word Count (1)
 UserId="21433" --> Word Count (76)
 UserId="21433" --> Word Count (4)
 UserId="21433" --> Word Count (1)
 UserId="10517" Comment="removed thanks and name" --> Word Count (74)
 UserId="21024" Comment="added a tag" --> Word Count (1)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="7763" --> Word Count (1256)
 UserId="381" Comment="added 66 characters in body" --> Word Count (128)
 UserId="9420" --> Word Count (221)
 UserId="381" Comment="added 18 characters in body" --> Word Count (133)
 UserId="14904" --> Word Count (46)
 UserId="381" Comment="added 67 characters in body" --> Word Count (347)
 UserId="381" --> Word Count (102)
 UserId="22045" --> Word Count (97)
 UserId="22045" --> Word Count (9)
 UserId="22045" --> Word Count (1)
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 UserId="9893" --> Word Count (4)
 UserId="9893" --> Word Count (1)
 UserId="22045" Comment="added 2 characters in body" --> Word Count (98)
 UserId="21414" --> Word Count (23)
 UserId="21414" --> Word Count (230)
 UserId="21702" --> Word Count (33)
 UserId="21414" Comment="added 488 characters in body" --> Word Count (284)
 UserId="15518" --> Word Count (73)
 UserId="3313" --> Word Count (676)
 UserId="3313" --> Word Count (14)
 UserId="3313" --> Word Count (1)
 UserId="676" --> Word Count (55)

UserId="21024" --> Word Count (53)
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 UserId="22059" --> Word Count (9)
 UserId="22059" --> Word Count (1)
 UserId="14904" --> Word Count (310)
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 UserId="22061" --> Word Count (10)
 UserId="22061" --> Word Count (1)
 UserId="133" --> Word Count (89)
 UserId="133" --> Word Count (11)
 UserId="133" --> Word Count (1)
 UserId="133" Comment="added 403 characters in body" --> Word Count (187)
 UserId="22065" --> Word Count (105)
 UserId="22065" --> Word Count (5)
 UserId="22065" --> Word Count (1)
 UserId="22066" --> Word Count (13)
 UserId="22068" --> Word Count (21)
 UserId="22068" --> Word Count (8)
 UserId="22068" --> Word Count (1)
 UserId="22071" --> Word Count (13)
 UserId="22071" Comment="added 167 characters in body" --> Word Count (33)
 UserId="22075" --> Word Count (138)
 UserId="22075" --> Word Count (3)
 UserId="22075" --> Word Count (1)
 UserId="22075" Comment="added 763 characters in body" --> Word Count (241)
 UserId="18544" --> Word Count (444)
 UserId="22080" --> Word Count (260)
 UserId="22080" --> Word Count (10)
 UserId="22080" --> Word Count (1)
 UserId="22012" --> Word Count (329)
 UserId="21702" --> Word Count (131)
 UserId="14150" --> Word Count (109)
 UserId="14150" --> Word Count (7)
 UserId="14150" --> Word Count (1)
 UserId="6554" --> Word Count (133)
 UserId="23090" --> Word Count (421)
 UserId="23090" --> Word Count (15)
 UserId="23090" --> Word Count (1)
 UserId="23091" --> Word Count (61)
 UserId="23091" --> Word Count (8)
 UserId="23091" --> Word Count (1)
 <DELETE> --> Word Count (162)
 UserId="6554" Comment="added 18 characters in body" --> Word Count (165)
 UserId="22054" --> Word Count (90)
 UserId="23097" --> Word Count (105)
 UserId="23097" --> Word Count (4)
 UserId="23097" --> Word Count (1)
 UserId="9465" --> Word Count (36)

UserId="9465" Comment="added 174 characters in body" --> Word Count (59)
 UserId="941" --> Word Count (49)
 UserId="23097" Comment="edited tags" --> Word Count (1)
 UserId="9465" Comment="added 5 characters in body" --> Word Count (60)
 UserId="23097" --> Word Count (147)
 UserId="23097" --> Word Count (7)
 UserId="23097" --> Word Count (1)
 UserId="9465" Comment="this -> this linear regression summary" --> Word Count (8)
 UserId="14150" Comment="deleted 350 characters in body; edited title" --> Word Count (51)
 UserId="14150" Comment="deleted 350 characters in body; edited title" --> Word Count (11)
 UserId="21852" --> Word Count (127)
 UserId="21852" --> Word Count (6)
 UserId="21852" --> Word Count (1)
 UserId="21414" --> Word Count (126)
 UserId="21414" Comment="added 512 characters in body" --> Word Count (204)
 UserId="8643" --> Word Count (279)
 UserId="8643" --> Word Count (4)
 UserId="8643" --> Word Count (1)
 UserId="8643" Comment="deleted 211 characters in body" --> Word Count (234)
 UserId="2489" --> Word Count (171)
 UserId="2489" --> Word Count (8)
 UserId="2489" --> Word Count (1)
 UserId="23109" --> Word Count (158)
 UserId="14904" --> Word Count (401)
 UserId="14904" --> Word Count (8)
 UserId="14904" --> Word Count (1)
 UserId="21995" --> Word Count (264)
 UserId="14904" Comment="added 129 characters in body" --> Word Count (412)
 UserId="20926" --> Word Count (337)
 UserId="20926" --> Word Count (4)
 UserId="20926" --> Word Count (1)
 UserId="23110" --> Word Count (100)
 UserId="18416" --> Word Count (158)
 UserId="14999" --> Word Count (120)
 UserId="14999" --> Word Count (2)
 UserId="14999" --> Word Count (1)
 UserId="23120" --> Word Count (102)
 UserId="23120" --> Word Count (19)
 UserId="23120" --> Word Count (1)
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 UserId="14904" --> Word Count (13)
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 UserId="21702" Comment="Just adding the unsupervised learning tag to make it more searchable as there is no MM tag" --> Word Count (1)
 UserId="13505" --> Word Count (80)

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 UserId="12861" --> Word Count (162)
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 UserId="23126" --> Word Count (497)
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 UserId="23127" --> Word Count (75)
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 UserId="23127" --> Word Count (1)
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 UserId="793" --> Word Count (8)
 UserId="793" --> Word Count (1)
 UserId="22054" --> Word Count (42)
 UserId="9465" --> Word Count (79)
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 UserId="9465" Comment="added 90 characters in body" --> Word Count (110)
 UserId="12861" Comment="added 88 characters in body; edited title" --> Word Count (177)
 UserId="12861" Comment="added 88 characters in body; edited title" --> Word Count (7)
 UserId="2961" Comment="improved formatting" --> Word Count (191)
 UserId="16853" --> Word Count (434)
 UserId="16853" Comment="edited body" --> Word Count (435)
 UserId="9465" Comment="added 28 characters in body" --> Word Count (117)
 UserId="21608" --> Word Count (263)
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 UserId="9085" --> Word Count (56)
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 UserId="8013" --> Word Count (20)
 UserId="8013" --> Word Count (1)
 UserId="11097" Comment="deleted 9 characters in body" --> Word Count (108)
 UserId="18540" --> Word Count (103)
 UserId="133" --> Word Count (109)
 UserId="133" --> Word Count (6)
 UserId="133" --> Word Count (1)
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 UserId="8820" --> Word Count (11)
 UserId="8820" --> Word Count (1)
 UserId="8820" Comment="added 23 characters in body" --> Word Count (182)
 UserId="133" Comment="deleted 257 characters in body" --> Word Count (72)
 UserId="16853" --> Word Count (318)
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 UserId="23138" --> Word Count (120)
 UserId="23138" --> Word Count (16)
 UserId="23138" --> Word Count (1)
 UserId="17696" --> Word Count (138)
 UserId="21995" --> Word Count (199)
 UserId="21145" --> Word Count (20)
 UserId="19161" --> Word Count (127)
 UserId="19161" Comment="added 92 characters in body" --> Word Count (134)
 UserId="20487" --> Word Count (159)
 UserId="20487" --> Word Count (11)
 UserId="20487" --> Word Count (1)
 UserId="20544" Comment="Fixed formatting issues." --> Word Count (147)
 UserId="20487" Comment="added 1327 characters in body" --> Word Count (389)
 UserId="23159" --> Word Count (93)
 UserId="9465" Comment="added tags" --> Word Count (1)
 UserId="22061" --> Word Count (187)
 UserId="17594" --> Word Count (401)
 UserId="17594" --> Word Count (11)
 UserId="17594" --> Word Count (1)
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 UserId="12345" --> Word Count (5)
 UserId="12345" --> Word Count (1)
 UserId="13413" Comment="Edited for grammar." --> Word Count (40)
 UserId="12345" Comment="added 1 character in body" --> Word Count (40)
 UserId="8013" --> Word Count (111)
 UserId="8013" --> Word Count (10)
 UserId="8013" --> Word Count (1)
 UserId="8013" Comment="added 441 characters in body" --> Word Count (185)
 UserId="381" --> Word Count (156)
 UserId="381" Comment="added 21 characters in body" --> Word Count (165)
 UserId="11097" --> Word Count (68)
 UserId="16853" Comment="added 27 characters in body" --> Word Count (444)
 UserId="23097" --> Word Count (22)
 UserId="23110" --> Word Count (39)
 UserId="21955" --> Word Count (62)
 UserId="21955" --> Word Count (8)
 UserId="21955" --> Word Count (1)
 UserId="21145" Comment="added 498 characters in body" --> Word Count (85)
 UserId="11097" Comment="added 12 characters in body" --> Word Count (65)
 UserId="7763" --> Word Count (220)
 UserId="7763" --> Word Count (189)
 UserId="23129" --> Word Count (77)
 UserId="23129" --> Word Count (3)
 UserId="23129" --> Word Count (1)

UserId="12345" --> Word Count (35)
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 UserId="12345" --> Word Count (1)
 UserId="23182" --> Word Count (29)
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 UserId="12345" Comment="edited tags" --> Word Count (1)
 UserId="7763" --> Word Count (152)
 UserId="7763" --> Word Count (24)
 UserId="14904" Comment="added 106 characters in body" --> Word Count (28)
 UserId="7763" --> Word Count (399)
 UserId="11097" --> Word Count (189)
 UserId="11097" --> Word Count (143)
 UserId="11097" --> Word Count (5)
 UserId="11097" --> Word Count (1)
 UserId="11097" Comment="edited body" --> Word Count (143)
 UserId="23187" --> Word Count (90)
 UserId="924" --> Word Count (68)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="23192" --> Word Count (40)
 UserId="23192" --> Word Count (15)
 UserId="23192" --> Word Count (1)
 UserId="23192" Comment="deleted 10 characters in body" --> Word Count (40)
 UserId="21566" Comment="response to comment" --> Word Count (438)
 UserId="23195" --> Word Count (79)
 UserId="23195" --> Word Count (8)
 UserId="23195" --> Word Count (1)
 UserId="16928" --> Word Count (130)
 UserId="16928" --> Word Count (10)
 UserId="16928" --> Word Count (1)
 UserId="16928" Comment="added 105 characters in body" --> Word Count (154)
 UserId="23198" --> Word Count (43)
 UserId="23198" --> Word Count (3)
 UserId="23198" --> Word Count (1)
 UserId="16928" Comment="edited title" --> Word Count (11)
 UserId="16928" Comment="edited title" --> Word Count (154)
 UserId="11097" Comment="deleted 16 characters in body" --> Word Count (87)
 UserId="15807" --> Word Count (192)
 UserId="15807" --> Word Count (57)
 UserId="15807" --> Word Count (92)
 UserId="8013" --> Word Count (134)
 UserId="8013" --> Word Count (10)
 UserId="8013" --> Word Count (1)
 UserId="8013" Comment="added 20 characters in body" --> Word Count (137)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="23201" --> Word Count (103)
 UserId="23201" --> Word Count (9)
 UserId="23201" --> Word Count (1)

UserId="6550" --> Word Count (92)
UserId="836" --> Word Count (394)
UserId="8013" Comment="Added the performance of training, validation and testing" --> Word Count (165)
UserId="836" Comment="added 449 characters in body" --> Word Count (471)
UserId="23201" Comment="edited title" --> Word Count (9)
UserId="23201" Comment="edited title" --> Word Count (133)
UserId="23201" Comment="added 2 characters in body" --> Word Count (119)
UserId="23201" Comment="added 2 characters in body" --> Word Count (1)
UserId="17290" --> Word Count (81)
UserId="20585" --> Word Count (106)
UserId="20585" --> Word Count (10)
UserId="20585" --> Word Count (1)
UserId="21024" --> Word Count (110)
UserId="8013" --> Word Count (208)
UserId="8013" --> Word Count (7)
UserId="8013" --> Word Count (1)
UserId="8013" --> Word Count (80)
UserId="8013" --> Word Count (11)
UserId="8013" --> Word Count (1)
UserId="2454" --> Word Count (43)
UserId="23211" --> Word Count (143)
UserId="23211" --> Word Count (3)
UserId="23211" --> Word Count (1)
UserId="23213" --> Word Count (561)
UserId="23213" --> Word Count (9)
UserId="23213" --> Word Count (1)
UserId="836" Comment="added 496 characters in body" --> Word Count (549)
UserId="23216" --> Word Count (162)
UserId="23216" --> Word Count (4)
UserId="23216" --> Word Count (1)
UserId="11097" Comment="added 38 characters in body" --> Word Count (198)
UserId="21182" --> Word Count (72)
UserId="21182" --> Word Count (16)
UserId="21182" --> Word Count (1)
UserId="12575" --> Word Count (103)
UserId="21182" --> Word Count (42)
UserId="7763" --> Word Count (50)
UserId="7763" --> Word Count (16)
UserId="7763" --> Word Count (1)
UserId="8820" Comment="added 85 characters in body" --> Word Count (986)
UserId="16220" --> Word Count (297)
UserId="21473" --> Word Count (377)
UserId="21473" --> Word Count (8)
UserId="21473" --> Word Count (1)
UserId="21473" Comment="added 6 characters in body" --> Word Count (377)
UserId="23230" --> Word Count (353)
UserId="15768" --> Word Count (113)

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 UserId="15768" --> Word Count (1)
 UserId="924" --> Word Count (107)
 UserId="20372" --> Word Count (130)
 UserId="20372" --> Word Count (200)
 UserId="23126" --> Word Count (75)
 UserId="8013" Comment="added a new question" --> Word Count (218)
 UserId="11097" Comment="deleted 211 characters in body" --> Word Count (334)
 UserId="23240" --> Word Count (77)
 UserId="23240" --> Word Count (7)
 UserId="23240" --> Word Count (1)
 UserId="8013" Comment="added 2 new questions" --> Word Count (395)
 UserId="8013" --> Word Count (78)
 UserId="8013" --> Word Count (6)
 UserId="8013" --> Word Count (1)
 UserId="11097" --> Word Count (76)
 UserId="8013" Comment="deleted 12 characters in body" --> Word Count (335)
 UserId="21024" Comment="fixed a link" Text="In [--> Word Count (118)
 UserId="11097" --> Word Count (68)
 UserId="11097" Comment="added 243 characters in body" --> Word Count (91)
 UserId="23241" --> Word Count (93)
 UserId="8013" Comment="added the test set error rate" --> Word Count (92)
 UserId="23241" --> Word Count (223)
 UserId="8013" Comment="added 58 characters in body" --> Word Count (102)
 UserId="21702" Comment="Language in picture is clearly python, not R." --> Word Count (1)
 UserId="23246" --> Word Count (140)
 UserId="133" --> Word Count (83)
 UserId="133" --> Word Count (8)
 UserId="133" --> Word Count (1)
 UserId="21" Comment="101" --> Word Count (2)
 UserId="23250" --> Word Count (124)
 UserId="23250" --> Word Count (12)
 UserId="23250" --> Word Count (1)
 UserId="21024" --> Word Count (166)
 UserId="836" --> Word Count (638)
 UserId="836" Comment="added 480 characters in body" --> Word Count (720)
 UserId="836" Comment="added 17 characters in body" --> Word Count (723)
 UserId="23213" Comment="added 549 characters in body" --> Word Count (610)
 UserId="836" Comment="Adjust title and tags - a key feature of this problem is it is regression on images." --> Word Count (13)
 UserId="836" Comment="Adjust title and tags - a key feature of this problem is it is regression on images." --> Word Count (1)
 UserId="21024" Text="In [Bag of Tricks for Efficient --> Word Count (25)
 UserId="21024" Text="What does Prec@1 in fast --> Word Count (2)
 UserId="21024" --> Word Count (1)
 UserId="4978" Comment="added 213 characters in body" --> Word Count (566)
 UserId="14904" --> Word Count (448)

UserId="836" Comment="added 383 characters in body" --> Word Count (784)
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UserId="23213" Comment="Added new solution B" --> Word Count (1145)
UserId="2723" --> Word Count (229)
UserId="2723" --> Word Count (10)
UserId="2723" --> Word Count (1)
UserId="2723" Comment="deleted 1 character in body" --> Word Count (229)
UserId="471" --> Word Count (13)
UserId="23240" --> Word Count (67)
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UserId="23240" --> Word Count (1)
UserId="12515" --> Word Count (129)
UserId="23262" --> Word Count (136)
UserId="23262" --> Word Count (9)
UserId="23262" --> Word Count (1)
UserId="12515" --> Word Count (118)
UserId="22080" --> Word Count (201)
UserId="22080" --> Word Count (8)
UserId="22080" --> Word Count (1)
UserId="12515" Comment="deleted 75 characters in body" --> Word Count (93)
UserId="381" --> Word Count (74)
UserId="21473" --> Word Count (196)
UserId="381" Comment="added 567 characters in body" --> Word Count (159)
UserId="23264" --> Word Count (152)
UserId="23264" --> Word Count (11)
UserId="23264" --> Word Count (1)
UserId="12876" --> Word Count (336)
UserId="7763" --> Word Count (198)
UserId="2723" Comment="added 121 characters in body" --> Word Count (250)
UserId="21024" --> Word Count (49)
UserId="21702" --> Word Count (250)
UserId="23270" --> Word Count (45)
UserId="23270" --> Word Count (7)
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UserId="23245" --> Word Count (118)
UserId="23245" --> Word Count (6)
UserId="23245" --> Word Count (1)
UserId="23277" --> Word Count (233)
UserId="23277" --> Word Count (18)
UserId="23277" --> Word Count (1)
UserId="16853" --> Word Count (518)
UserId="15412" --> Word Count (296)
UserId="15412" --> Word Count (3)
UserId="15412" --> Word Count (1)
UserId="23283" --> Word Count (92)
UserId="23285" --> Word Count (40)
UserId="23285" --> Word Count (9)
UserId="23285" --> Word Count (1)

UserId="23213" Comment="added 813 characters in body" --> Word Count (1261)
 UserId="15527" --> Word Count (47)
 UserId="16853" Comment="added 564 characters in body" --> Word Count (597)
 UserId="21473" Comment="added 22 characters in body" --> Word Count (199)
 UserId="23283" Comment="corrected error" --> Word Count (80)
 UserId="23283" Comment="added additional remarks" --> Word Count (161)
 UserId="21473" Comment="added description of the bug" --> Word Count (237)
 UserId="17772" --> Word Count (92)
 UserId="17772" --> Word Count (6)
 UserId="17772" --> Word Count (1)
 UserId="14904" --> Word Count (77)
 UserId="1077" --> Word Count (82)
 UserId="23301" --> Word Count (170)
 UserId="23301" --> Word Count (7)
 UserId="23301" --> Word Count (1)
 UserId="471" Comment="added 522 characters in body" --> Word Count (100)
 UserId="20926" --> Word Count (256)
 UserId="20926" --> Word Count (5)
 UserId="20926" --> Word Count (1)
 UserId="23304" --> Word Count (224)
 UserId="23304" --> Word Count (6)
 UserId="23304" --> Word Count (1)
 UserId="13518" --> Word Count (89)
 UserId="13518" --> Word Count (16)
 UserId="13518" --> Word Count (1)
 UserId="836" --> Word Count (343)
 UserId="21473" Comment="Added the actual description of the bug" --> Word Count (477)
 UserId="23283" --> Word Count (315)
 UserId="836" Comment="No need to credit sources from comments (at least for me). The comments are temporary, and there to help improve the answer" --> Word Count (152)
 UserId="23283" Comment="used Latex for the formula instead of external image, cleaned a little bit the code and fixed some typos" --> Word Count (286)
 UserId="16284" Comment="added links for r packages" --> Word Count (44)
 UserId="23278" --> Word Count (72)
 UserId="23278" --> Word Count (3)
 UserId="23278" --> Word Count (1)
 UserId="13518" --> Word Count (27)
 UserId="23317" --> Word Count (59)
 UserId="23317" --> Word Count (51)
 UserId="23317" --> Word Count (34)
 UserId="23283" Comment="corrected latex syntax and fixed a small typo" --> Word Count (146)
 UserId="23317" --> Word Count (41)
 UserId="9465" Comment="ResNet doesn't use uniform initialization at all" --> Word Count (166)
 UserId="9465" Comment="Rollback to [915d9471-9c98-488d-bef7-e553d3e978c8]" -->

Word Count (192)

UserId="9465" Comment="deleted 29 characters in body" --> Word Count (185)

UserId="21995" --> Word Count (25)

UserId="21995" --> Word Count (47)

UserId="8878" Comment="Graphs are reserved terms in mathematics, Graph Theory. This is waveform! + Lots of grammatical, spelling, structural and conceptual mistakes." --> Word Count (229)

UserId="8878" Comment="Graphs are reserved terms in mathematics, Graph Theory. This is waveform! + Lots of grammatical, spelling, structural and conceptual mistakes." --> Word Count (6)

UserId="8878" Comment="Graphs are reserved terms in mathematics, Graph Theory. This is waveform! + Lots of grammatical, spelling, structural and conceptual mistakes." --> Word Count (1)

UserId="20352" Comment="Fixed grammar" --> Word Count (62)

UserId="20352" Comment="Fixed grammar" --> Word Count (9)

UserId="8878" Comment="graph => waveform" --> Word Count (229)

UserId="23327" --> Word Count (176)

UserId="23327" --> Word Count (6)

UserId="23327" --> Word Count (1)

UserId="12858" --> Word Count (231)

UserId="12858" --> Word Count (6)

UserId="12858" --> Word Count (1)

UserId="8878" --> Word Count (344)

UserId="14904" --> Word Count (117)

UserId="21" Comment="103" --> Word Count (2)

UserId="21" Comment="102" --> Word Count (2)

UserId="15412" --> Word Count (1171)

UserId="15412" --> Word Count (6)

UserId="15412" --> Word Count (1)

UserId="23330" --> Word Count (1183)

UserId="23330" --> Word Count (6)

UserId="23330" --> Word Count (1)

UserId="12858" --> Word Count (11)

UserId="12858" --> Word Count (35)

UserId="23332" --> Word Count (141)

UserId="-1" --> Word Count (1)

UserId="-1" --> Word Count (1)

UserId="20974" --> Word Count (62)

UserId="20974" --> Word Count (2)

UserId="20974" --> Word Count (1)

UserId="21024" --> Word Count (108)

UserId="20884" --> Word Count (137)

UserId="20884" --> Word Count (10)

UserId="20884" --> Word Count (1)

UserId="2750" --> Word Count (96)

UserId="2750" Comment="added 410 characters in body" --> Word Count (163)

UserId="21024" --> Word Count (132)

UserId="17484" --> Word Count (86)

UserId="17484" --> Word Count (11)
 UserId="17484" --> Word Count (1)
 UserId="23283" --> Word Count (454)
 UserId="23283" --> Word Count (40)
 UserId="23285" Comment="added 185 characters in body" --> Word Count (59)
 UserId="1426" --> Word Count (174)
 UserId="1426" --> Word Count (5)
 UserId="1426" --> Word Count (1)
 UserId="700" --> Word Count (108)
 UserId="12515" --> Word Count (90)
 UserId="9465" --> Word Count (259)
 UserId="9465" Comment="Thesis -> Undergraduate thesis" --> Word Count (259)
 UserId="20585" --> Word Count (54)
 UserId="20585" --> Word Count (7)
 UserId="20585" --> Word Count (1)
 UserId="22008" --> Word Count (91)
 UserId="20372" --> Word Count (125)
 UserId="20372" Comment="added 117 characters in body" --> Word Count (131)
 UserId="20372" --> Word Count (183)
 UserId="20372" Comment="added 219 characters in body" --> Word Count (187)
 UserId="26" Comment="added 8 characters in body" --> Word Count (174)
 UserId="23285" Comment="added 55 characters in body" --> Word Count (68)
 UserId="22008" Comment="These two tags are more related" --> Word Count (1)
 UserId="843" Comment="added 94 characters in body" --> Word Count (15)
 UserId="21" Comment="105" --> Word Count (3)
 UserId="23380" --> Word Count (65)
 UserId="21072" --> Word Count (54)
 UserId="22012" --> Word Count (56)
 UserId="22012" --> Word Count (9)
 UserId="22012" --> Word Count (1)
 UserId="14904" --> Word Count (36)
 UserId="13100" --> Word Count (133)
 UserId="13100" --> Word Count (7)
 UserId="13100" --> Word Count (1)
 UserId="13100" Comment="edited tags" --> Word Count (1)
 UserId="13100" Comment="edited tags" --> Word Count (1)
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 UserId="23208" --> Word Count (1)
 UserId="13100" Comment="edited tags" --> Word Count (1)
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 UserId="15412" --> Word Count (5)
 UserId="15412" --> Word Count (1)
 UserId="23383" --> Word Count (90)
 UserId="23383" --> Word Count (2)
 UserId="23383" --> Word Count (1)
 UserId="21" --> Word Count (59)
 UserId="381" --> Word Count (56)

UserId="17484" --> Word Count (61)
 UserId="381" Comment="added 18 characters in body" --> Word Count (257)
 UserId="21471" --> Word Count (123)
 UserId="21471" --> Word Count (9)
 UserId="21471" --> Word Count (1)
 UserId="3151" --> Word Count (57)
 UserId="3151" --> Word Count (11)
 UserId="3151" --> Word Count (1)
 UserId="5144" --> Word Count (45)
 UserId="5144" Comment="added 195 characters in body" --> Word Count (75)
 UserId="23403" --> Word Count (386)
 UserId="23403" --> Word Count (11)
 UserId="23403" --> Word Count (1)
 UserId="15412" --> Word Count (61)
 UserId="15412" --> Word Count (66)
 UserId="9465" Comment="using math latex formatting" --> Word Count (288)
 UserId="17696" --> Word Count (94)
 UserId="17696" --> Word Count (5)
 UserId="17696" --> Word Count (1)
 UserId="14994" --> Word Count (48)
 UserId="14994" --> Word Count (54)
 UserId="15325" Comment="added 53 characters in body" --> Word Count (517)
 UserId="15325" Comment="added 53 characters in body" --> Word Count (515)
 UserId="13727" --> Word Count (110)
 UserId="13518" --> Word Count (59)
 UserId="21560" --> Word Count (113)
 UserId="21560" --> Word Count (9)
 UserId="21560" --> Word Count (1)
 UserId="13518" --> Word Count (134)
 UserId="13518" --> Word Count (7)
 UserId="13518" --> Word Count (1)
 UserId="14904" --> Word Count (99)
 UserId="15527" --> Word Count (11)
 UserId="23417" --> Word Count (74)
 UserId="23417" --> Word Count (15)
 UserId="23417" --> Word Count (1)
 UserId="14904" --> Word Count (106)
 UserId="23422" --> Word Count (130)
 UserId="23422" --> Word Count (10)
 UserId="23422" --> Word Count (1)
 UserId="14904" Comment="added 825 characters in body" --> Word Count (248)
 UserId="14904" --> Word Count (105)
 UserId="8820" --> Word Count (28)
 UserId="8820" --> Word Count (8)
 UserId="8820" --> Word Count (1)
 UserId="13727" Comment="Added domain-adaptation tag" --> Word Count (1)
 UserId="17484" Comment="grammar and styles" --> Word Count (61)
 UserId="18022" --> Word Count (116)

UserId="18022" Comment="added 55 characters in body" --> Word Count (130)
 UserId="23438" --> Word Count (26)
 UserId="-1" --> Word Count (1)
 UserId="14588" --> Word Count (13)
 UserId="23440" --> Word Count (313)
 UserId="23440" --> Word Count (11)
 UserId="23440" --> Word Count (1)
 UserId="21560" --> Word Count (121)
 UserId="21560" --> Word Count (7)
 UserId="21560" --> Word Count (1)
 UserId="14588" --> Word Count (88)
 UserId="14904" Comment="added 287 characters in body" --> Word Count (138)
 UserId="23416" --> Word Count (104)
 UserId="17290" --> Word Count (42)
 UserId="21990" Comment="improved formatting - code" --> Word Count (369)
 UserId="8820" --> Word Count (121)
 UserId="8820" --> Word Count (8)
 UserId="8820" --> Word Count (1)
 UserId="8820" --> Word Count (12)
 UserId="8820" --> Word Count (517)
 UserId="8820" Comment="added 785 characters in body" --> Word Count (666)
 UserId="8820" Comment="added 207 characters in body" --> Word Count (691)
 UserId="23278" Comment="added 110 characters in body" --> Word Count (89)
 UserId="14560" --> Word Count (90)
 UserId="14560" --> Word Count (5)
 UserId="14560" --> Word Count (1)
 UserId="21" --> Word Count (2)
 UserId="23416" Comment="added 365 characters in body" --> Word Count (156)
 UserId="23416" --> Word Count (100)
 UserId="16853" --> Word Count (358)
 UserId="12515" --> Word Count (123)
 UserId="23450" --> Word Count (53)
 UserId="21560" --> Word Count (70)
 UserId="21560" --> Word Count (11)
 UserId="21560" --> Word Count (1)
 UserId="14904" Comment="Added example of feeding multiple inputs" --> Word Count (194)
 UserId="14904" --> Word Count (22)
 UserId="23450" --> Word Count (57)
 UserId="22065" --> Word Count (64)
 UserId="23452" --> Word Count (203)
 UserId="23452" --> Word Count (6)
 UserId="23452" --> Word Count (1)
 UserId="23452" Comment="added 103 characters in body" --> Word Count (220)
 UserId="17484" --> Word Count (14)
 UserId="12515" Comment="added 4 characters in body" --> Word Count (124)
 UserId="8878" --> Word Count (306)
 UserId="12515" --> Word Count (96)

UserId="23457" --> Word Count (89)
 UserId="23457" --> Word Count (12)
 UserId="23457" --> Word Count (1)
 UserId="14904" --> Word Count (68)
 UserId="1077" --> Word Count (82)
 UserId="1077" --> Word Count (21)
 UserId="18544" --> Word Count (236)
 UserId="18626" --> Word Count (332)
 UserId="23450" --> Word Count (69)
 UserId="1097" --> Word Count (109)
 UserId="1097" --> Word Count (11)
 UserId="1097" --> Word Count (1)
 UserId="23462" --> Word Count (85)
 UserId="21273" --> Word Count (130)
 UserId="11098" --> Word Count (190)
 UserId="23469" --> Word Count (124)
 UserId="23470" --> Word Count (119)
 UserId="23470" --> Word Count (8)
 UserId="23470" --> Word Count (1)
 UserId="15569" --> Word Count (120)
 UserId="15569" --> Word Count (8)
 UserId="15569" --> Word Count (1)
 UserId="3151" --> Word Count (18)
 UserId="23440" --> Word Count (203)
 UserId="23440" --> Word Count (6)
 UserId="23440" --> Word Count (1)
 UserId="5177" --> Word Count (395)
 UserId="23477" --> Word Count (202)
 UserId="23477" --> Word Count (9)
 UserId="23477" --> Word Count (1)
 UserId="23440" Comment="deleted 5 characters in body" --> Word Count (202)
 UserId="21560" --> Word Count (49)
 UserId="21560" --> Word Count (10)
 UserId="21560" --> Word Count (1)
 UserId="21072" --> Word Count (23)
 UserId="16284" --> Word Count (125)
 UserId="3151" --> Word Count (44)
 UserId="21" --> Word Count (60)
 UserId="21" Comment="105" --> Word Count (2)
 UserId="3151" Comment="Rephrasing the question to make it easy to read" -->
 Word Count (96)
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 Word Count (7)
 UserId="3151" Comment="removed extra tags." --> Word Count (1)
 UserId="23478" --> Word Count (107)
 UserId="16915" --> Word Count (49)
 UserId="23380" Comment="The edit consist links for predictive modelling and data
 exploration related to finance." --> Word Count (74)

UserId="5177" Comment="added 4 characters in body" --> Word Count (396)
UserId="16915" Comment="added 169 characters in body" --> Word Count (56)
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UserId="16220" --> Word Count (26)
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UserId="23230" --> Word Count (233)
UserId="23420" --> Word Count (102)
UserId="23420" Comment="deleted 195 characters in body" --> Word Count (69)
UserId="18626" Comment="added 2 characters in body" --> Word Count (210)
UserId="14904" --> Word Count (198)
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UserId="23234" --> Word Count (40)
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UserId="23511" --> Word Count (6)
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UserId="19212" --> Word Count (363)
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UserId="19212" --> Word Count (1)
UserId="21990" --> Word Count (30)
UserId="21990" Comment="added 239 characters in body" --> Word Count (75)
UserId="18540" --> Word Count (88)
UserId="23521" --> Word Count (223)
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UserId="16812" --> Word Count (1)
UserId="836" --> Word Count (101)
UserId="13100" --> Word Count (39)
UserId="13100" --> Word Count (9)
UserId="13100" --> Word Count (1)
UserId="836" Comment="added 253 characters in body" --> Word Count (138)
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UserId="23492" Comment="adding explanation on linear boosting" --> Word Count (96)
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UserId="10372" --> Word Count (312)
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 UserId="2544" Comment="Fix grammar and spelling" --> Word Count (226)
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 UserId="23537" --> Word Count (1)
 UserId="381" --> Word Count (66)
 UserId="836" Comment="I was wrong, the cost function goes opposite direction"
 --> Word Count (413)
 UserId="23495" Comment="deleted 22 characters in body" --> Word Count (97)
 UserId="18465" --> Word Count (69)
 UserId="18465" --> Word Count (63)
 UserId="18465" --> Word Count (12)
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 UserId="15961" --> Word Count (11)
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 UserId="23549" --> Word Count (19)
 UserId="15961" Comment="added 234 characters in body" --> Word Count (80)
 UserId="23559" --> Word Count (173)
 UserId="23559" --> Word Count (4)
 UserId="23559" --> Word Count (1)
 UserId="7763" --> Word Count (171)
 UserId="13821" --> Word Count (248)
 UserId="21" Comment="101" --> Word Count (3)
 UserId="23564" --> Word Count (99)
 UserId="23564" --> Word Count (10)
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 UserId="23565" --> Word Count (102)
 UserId="23562" --> Word Count (77)
 UserId="14904" --> Word Count (89)
 UserId="836" Comment="added 402 characters in body" --> Word Count (476)
 UserId="15961" Comment="added 857 characters in body" --> Word Count (211)
 UserId="23568" --> Word Count (155)
 UserId="20585" --> Word Count (56)
 UserId="20585" --> Word Count (12)
 UserId="20585" --> Word Count (1)
 UserId="20585" Comment="edited tags" --> Word Count (1)
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 UserId="23571" --> Word Count (4)
 UserId="23571" --> Word Count (1)
 UserId="23452" --> Word Count (188)
 UserId="23452" --> Word Count (4)
 UserId="23452" --> Word Count (1)
 UserId="14904" --> Word Count (57)
 UserId="23574" --> Word Count (289)
 UserId="23574" --> Word Count (4)
 UserId="23574" --> Word Count (1)
 UserId="23578" --> Word Count (60)

UserId="16284" --> Word Count (152)
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 UserId="8820" --> Word Count (12)
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 UserId="23492" --> Word Count (315)
 UserId="23492" --> Word Count (8)
 UserId="23492" --> Word Count (1)
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 UserId="11098" --> Word Count (263)
 UserId="381" --> Word Count (113)
 UserId="381" Comment="added 3 characters in body" --> Word Count (113)
 UserId="23283" --> Word Count (132)
 UserId="924" --> Word Count (35)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="21392" --> Word Count (363)
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 UserId="21392" --> Word Count (1)
 UserId="21392" Comment="via Vote" --> Word Count (2)
 UserId="21392" --> Word Count (2)
 UserId="21392" Comment="edited title" --> Word Count (10)
 UserId="23600" --> Word Count (47)
 UserId="23600" --> Word Count (6)
 UserId="23600" --> Word Count (1)
 UserId="23283" Comment="fix typo" --> Word Count (132)
 UserId="23380" --> Word Count (55)
 UserId="23380" --> Word Count (29)
 UserId="14994" --> Word Count (56)
 UserId="14360" --> Word Count (34)
 UserId="23380" Comment="deleted 1 character in body" --> Word Count (57)
 UserId="20585" Comment="improved question" --> Word Count (47)
 UserId="20585" Comment="improved question" --> Word Count (10)
 UserId="14360" --> Word Count (59)
 UserId="14360" --> Word Count (8)
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 UserId="15569" --> Word Count (109)
 UserId="15569" --> Word Count (11)
 UserId="15569" --> Word Count (1)
 UserId="471" Comment="deleted 11 characters in body" --> Word Count (341)
 UserId="14904" --> Word Count (101)
 UserId="23611" --> Word Count (219)
 UserId="23611" --> Word Count (8)
 UserId="23611" --> Word Count (1)
 UserId="14360" --> Word Count (38)
 UserId="18465" --> Word Count (277)
 UserId="12858" --> Word Count (101)
 UserId="12527" Comment="heavily modified the expression, added a tag" --> Word Count (352)
 UserId="12527" Comment="heavily modified the expression, added a tag" --> Word

Count (10)

UserId="12527" Comment="heavily modified the expression, added a tag" --> Word Count (1)

UserId="-1" Comment="Changed i to I" --> Word Count (126)

UserId="21" Comment="103" --> Word Count (2)

UserId="23600" Comment="added 164 characters in body" --> Word Count (73)

UserId="15412" --> Word Count (45)

UserId="15412" --> Word Count (4)

UserId="15412" --> Word Count (1)

UserId="23403" --> Word Count (74)

UserId="23403" --> Word Count (12)

UserId="23403" --> Word Count (1)

UserId="13714" --> Word Count (69)

UserId="23492" Comment="edited title" --> Word Count (8)

UserId="13714" --> Word Count (120)

UserId="23628" --> Word Count (198)

UserId="23628" --> Word Count (5)

UserId="23628" --> Word Count (1)

UserId="21273" Comment="Added link to code." --> Word Count (156)

UserId="21273" Comment="extra clarity" --> Word Count (163)

UserId="23640" --> Word Count (258)

UserId="23640" --> Word Count (5)

UserId="23640" --> Word Count (1)

UserId="-1" Comment="Fixed typos" --> Word Count (167)

UserId="12786" --> Word Count (18)

UserId="23640" Comment="added 209 characters in body" --> Word Count (299)

<DELETE> --> Word Count (307)

<DELETE> --> Word Count (12)

<DELETE> --> Word Count (1)

UserId="23664" --> Word Count (93)

UserId="924" --> Word Count (9)

UserId="23679" --> Word Count (63)

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UserId="23679" --> Word Count (1)

UserId="21" Comment="101" --> Word Count (2)

UserId="20585" --> Word Count (77)

UserId="20585" --> Word Count (6)

UserId="20585" --> Word Count (1)

UserId="15527" --> Word Count (103)

UserId="23679" --> Word Count (78)

UserId="14904" --> Word Count (231)

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UserId="14904" --> Word Count (1)

UserId="17772" --> Word Count (110)

UserId="17772" --> Word Count (10)

UserId="17772" --> Word Count (1)

UserId="14904" Comment="added 66 characters in body" --> Word Count (241)

UserId="13087" --> Word Count (402)

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UserId="13087" --> Word Count (5)
UserId="13087" --> Word Count (1)
UserId="381" --> Word Count (51)
UserId="381" Comment="deleted 25 characters in body" --> Word Count (49)
UserId="-1" Comment="edit re clarity" --> Word Count (135)
UserId="16104" --> Word Count (227)
UserId="16104" --> Word Count (7)
UserId="16104" --> Word Count (1)
UserId="16104" --> Word Count (19)
UserId="18465" --> Word Count (214)
UserId="23699" --> Word Count (54)
UserId="23699" --> Word Count (11)
UserId="23699" --> Word Count (1)
UserId="17290" --> Word Count (126)
UserId="14360" --> Word Count (856)
UserId="14360" --> Word Count (6)
UserId="14360" --> Word Count (1)
UserId="23204" --> Word Count (93)
UserId="2576" --> Word Count (158)
UserId="21560" --> Word Count (54)
UserId="21560" --> Word Count (8)
UserId="21560" --> Word Count (1)
UserId="20585" --> Word Count (107)
UserId="20585" --> Word Count (11)
UserId="20585" --> Word Count (1)
UserId="23708" --> Word Count (42)
UserId="2750" --> Word Count (60)
UserId="14904" --> Word Count (64)
UserId="19212" --> Word Count (783)
UserId="21825" Comment="typo in title" --> Word Count (8)
UserId="23713" --> Word Count (122)
UserId="23713" --> Word Count (5)
UserId="23713" --> Word Count (1)
UserId="14904" Comment="added 99 characters in body" --> Word Count (83)
UserId="23714" --> Word Count (182)
UserId="23714" --> Word Count (9)
UserId="23714" --> Word Count (1)
UserId="23420" Text="I can't comment on your question (my reputation isn't high
enough), but my questions are: Why do you want to stem words? Text
classification? Sentiment analysis?&#xD;&#xA;&#xD;&#xA;I've used both the 'tm'
package and the 'RTextTools' package for stemming when doing text
classification. Both have some built-in functions for
stemming.&#xD;&#xA;&#xD;&#xA;Whether they would be useful to you or not depends
on why you want to stem words ... &#xD;&#xA;&#xD;&#xA;FWIW, here are some links
related to those packages:&#xD;&#xA;&#xD;&#xA;- tm:
[https://cran.r-project.org/web/packages/tm/index.html][1]&#xD;&#xA;- R -->
Word Count (8)
UserId="23716" --> Word Count (107)

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UserId="23420" Comment="added 43 characters in body" Text="I can't comment on your question (my reputation isn't high enough), but I've got a few clarifying questions to ask: Why do you want to stem words? Text classification? Sentiment analysis? Something else?

I've used both the 'tm' package and the 'RTextTools' package for stemming when doing text classification. Both have some built-in functions for stemming.

Whether they would be useful to you or not depends on why you want to stem words ... 

FWIW, here are some links related to those packages:

 - tm: [https://cran.r-project.org/web/packages/tm/index.html][1]
 - R --> Word Count (8)

UserId="23713" Comment="added 188 characters in body" --> Word Count (155)

UserId="23721" --> Word Count (49)

UserId="23701" --> Word Count (97)

UserId="23230" --> Word Count (75)

UserId="14560" --> Word Count (111)

UserId="12515" --> Word Count (184)

UserId="12515" --> Word Count (9)

UserId="12515" --> Word Count (1)

UserId="12515" Comment="added 233 characters in body" --> Word Count (218)

UserId="14994" --> Word Count (39)

UserId="23731" --> Word Count (100)

UserId="23731" --> Word Count (6)

UserId="23731" --> Word Count (1)

UserId="381" Text="They've created a graph from the news articles, topics, and named entities (locations, persons, companies, organizations). There are a lot of things going on here, but k-means is not one of them. If I had to do this I would use a named entity recognition (NER) and document embeddings (doc2vec, etc.). Once you have the embeddings, and the edges (thanks to NER), use a graph layout algorithm like force direction. If the graph is too dense, thin out the weaker edges. If all that sounds Chinese to you, start by reading about "named entity recognition", and "word embeddings". The idea is to attach a number (or rather, a vector) to everything from a word to a document.

Twitter is a different beast. The textual content, such as it is, won't play nice with these embedding algorithms, but you have hashtags and strong social signals; mentions, retweets, and follows. This is pretty complicated, too, so I'll leave you with a relevant paper: [Twitter-Network Topic Model: A Full Bayesian Treatment for Social Network and --> Word Count (2)

UserId="23640" Comment="added 1 character in body" --> Word Count (300)

UserId="14360" Comment="added 1 character in body" --> Word Count (857)

UserId="8013" --> Word Count (194)

UserId="8013" --> Word Count (5)

UserId="8013" --> Word Count (1)

UserId="8013" Comment="deleted 19 characters in body" --> Word Count (190)

UserId="8013" Comment="deleted 19 characters in body" --> Word Count (247)

UserId="8013" Comment="editing" --> Word Count (247)

UserId="18540" --> Word Count (130)

UserId="8013" Comment="added new information" --> Word Count (260)
UserId="8820" Comment="added 8 characters in body" --> Word Count (59)
UserId="21560" --> Word Count (42)
UserId="21560" --> Word Count (9)
UserId="21560" --> Word Count (1)
UserId="836" --> Word Count (253)
UserId="13517" --> Word Count (32)
UserId="13517" --> Word Count (10)
UserId="13517" --> Word Count (1)
UserId="381" Comment="edited title" --> Word Count (11)
UserId="23752" --> Word Count (94)
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UserId="15961" --> Word Count (1)
UserId="14904" --> Word Count (312)
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UserId="7739" --> Word Count (52)
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UserId="12341" --> Word Count (107)
UserId="12341" --> Word Count (36)
UserId="20372" --> Word Count (134)
UserId="20372" --> Word Count (12)
UserId="20372" --> Word Count (1)
UserId="13100" Comment="added 204 characters in body" --> Word Count (145)
UserId="14904" --> Word Count (50)
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UserId="22059" --> Word Count (7)
UserId="22059" --> Word Count (1)
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UserId="9465" --> Word Count (69)
UserId="12515" --> Word Count (113)
UserId="14904" --> Word Count (94)
UserId="1003" --> Word Count (68)
UserId="9465" Comment="added 1 character in body" --> Word Count (69)

UserId="21825" --> Word Count (68)
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 UserId="21825" --> Word Count (1)
 UserId="23367" --> Word Count (93)
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 UserId="23367" --> Word Count (1)
 UserId="23791" --> Word Count (30)
 UserId="23791" --> Word Count (9)
 UserId="23791" --> Word Count (1)
 UserId="17116" --> Word Count (1062)
 UserId="17116" --> Word Count (9)
 UserId="17116" --> Word Count (1)
 UserId="23367" Comment="solved issue of incorrect vector length" --> Word Count (194)
 UserId="23367" Comment="solved issue of incorrect vector length" --> Word Count (6)
 UserId="23367" --> Word Count (53)
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 UserId="14999" --> Word Count (7)
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 UserId="23790" --> Word Count (7)
 UserId="23790" --> Word Count (1)
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 UserId="17783" --> Word Count (409)
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 UserId="23800" --> Word Count (1)
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 UserId="13100" Comment="added 171 characters in body" --> Word Count (158)
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 UserId="19147" --> Word Count (95)
 UserId="19147" --> Word Count (9)
 UserId="19147" --> Word Count (1)
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 UserId="3151" --> Word Count (7)
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 UserId="21560" --> Word Count (1)
 UserId="9123" --> Word Count (87)
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 UserId="21719" --> Word Count (209)
 UserId="14313" --> Word Count (146)
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 UserId="23811" --> Word Count (10)
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 UserId="23847" UserDisplayName="Ceem" --> Word Count (1)
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 UserId="23845" --> Word Count (8)
 UserId="23845" --> Word Count (1)
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 UserId="23567" --> Word Count (8)
 UserId="23567" --> Word Count (1)
 UserId="18540" --> Word Count (197)
 <DELETE> --> Word Count (46)
 UserId="15412" --> Word Count (131)
 UserId="15412" --> Word Count (4)
 UserId="15412" --> Word Count (1)
 UserId="21560" --> Word Count (92)
 UserId="21560" --> Word Count (9)
 UserId="21560" --> Word Count (1)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="13518" --> Word Count (76)
 UserId="23811" --> Word Count (144)
 UserId="23811" --> Word Count (3)
 UserId="23811" --> Word Count (1)
 UserId="23811" Comment="edited title" --> Word Count (6)
 UserId="21560" Comment="added 1143 characters in body" --> Word Count (241)
 UserId="23714" --> Word Count (126)
 UserId="23714" --> Word Count (14)
 UserId="23714" --> Word Count (1)
 UserId="23601" --> Word Count (8)
 UserId="15527" --> Word Count (28)
 UserId="15527" --> Word Count (33)
 UserId="9085" --> Word Count (107)
 UserId="9085" --> Word Count (20)
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 UserId="23905" --> Word Count (58)
 UserId="23905" --> Word Count (10)
 UserId="23905" --> Word Count (1)
 UserId="23905" --> Word Count (14)
 UserId="14904" --> Word Count (151)
 UserId="9123" --> Word Count (69)

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UserId="15569" --> Word Count (1)
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UserId="21560" --> Word Count (9)
UserId="21560" --> Word Count (1)
UserId="21560" Comment="added 279 characters in body" --> Word Count (804)
UserId="14588" --> Word Count (85)
UserId="23811" Text="I've a data set with this fields:&#xD;&#xA;&#xD;&#xA;
Transaction_ID&#xD;&#xA; Customer_ID&#xD;&#xA; Department&#xD;&#xA;
Product_ID&#xD;&#xA;&#xD;&#xA;And I'm trying to obtain a tuple with the products
associated with each customer transaction. Like:&#xD;&#xA;&#xD;&#xA;
Transaction_1 -&gt; Product_ID 1, Product_ID 2, Product_ID 3&#xD;&#xA;
Transaction_2 -&gt; Product_ID 1, Product_ID 2, Product_ID 4&#xD;&#xA;
...&#xD;&#xA;&#xD;&#xA;I've this code: But It not return the dataset as I
want:&#xD;&#xA;&#xD;&#xA; case class transactions (Transaction_ID: String,
Customer_ID: String, Department: String, Product_ID: String)&#xD;&#xA;
&#xD;&#xA; def csvToMyClass(line: String) =&#xD;&#xA; |
{&#xD;&#xA; | val split = line.split(',')&#xD;&#xA; |
transactions(split(0),split(1),split(2),split(3))&#xD;&#xA; |
}&#xD;&#xA; val csv =
sc.textFile(&quot;FILE&quot;).map(csvToMyClass)&#xD;&#xA;
csv.take(10)&#xD;&#xA; csv.saveAs --> Word Count (12)
UserId="23811" --> Word Count (9)
UserId="23811" --> Word Count (1)
UserId="21560" --> Word Count (42)
UserId="21560" --> Word Count (6)
UserId="21560" --> Word Count (1)
UserId="23911" --> Word Count (109)
UserId="23912" --> Word Count (55)
UserId="23912" --> Word Count (8)
UserId="23912" --> Word Count (1)
UserId="9085" --> Word Count (56)
UserId="133" --> Word Count (234)
UserId="133" --> Word Count (11)
UserId="133" --> Word Count (1)
UserId="14372" --> Word Count (41)
UserId="14372" --> Word Count (8)
UserId="14372" --> Word Count (1)
UserId="21560" Comment="added 3884 characters in body" --> Word Count (1422)
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UserId="10902" --> Word Count (9)
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UserId="2723" --> Word Count (1)
UserId="2723" --> Word Count (54)

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UserId="2723" Comment="deleted 4 characters in body" --> Word Count (169)
 UserId="21560" Comment="added 4045 characters in body" --> Word Count (2585)
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 UserId="471" Comment="not an RStudio problem" --> Word Count (1)
 UserId="471" Comment="not an RStudio problem" --> Word Count (1)
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 UserId="23921" --> Word Count (48)
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 UserId="23921" --> Word Count (1)
 UserId="15412" --> Word Count (99)
 UserId="10523" Comment="edited title" --> Word Count (16)
 UserId="23905" --> Word Count (67)
 UserId="10523" Comment="edited tags" --> Word Count (1)
 UserId="23905" --> Word Count (33)
 UserId="23940" --> Word Count (27)
 UserId="23940" --> Word Count (12)
 UserId="23940" --> Word Count (1)
 UserId="23567" --> Word Count (546)
 UserId="23945" --> Word Count (28)
 UserId="23945" --> Word Count (7)
 UserId="23945" --> Word Count (1)
 UserId="15412" Comment="deleted 4 characters in body" --> Word Count (99)
 UserId="5177" Comment="formatting code" Text="I've a data set with this
 fields:

 Transaction_ID
 Customer_ID

 Department
 Product_ID

And I'm trying to obtain a
 tuple with the products associated with each customer transaction.
 Like:

 Transaction_1 -> Product_ID 1, Product_ID 2,
 Product_ID 3
 Transaction_2 -> Product_ID 1, Product_ID 2,
 Product_ID 4
 ...

I've this code: But It not
 return the dataset as I want:

 case class transactions
 (Transaction_ID: String, Customer_ID: String, Department: String, Product_ID:
 String)
 
 def csvToMyClass(line: String) = {

 val split = line.split(',')

 transactions(split(0),split(1),split(2),split(3))
 }

 
 val csv =
 sc.textFile("FILE").map(csvToMyClass)

 csv.take(10)
 csv.saveAs --> Word Count (12)
 UserId="5177" --> Word Count (586)
 UserId="23920" --> Word Count (325)

UserId="23920" --> Word Count (7)
 UserId="23920" --> Word Count (1)
 UserId="23920" Comment="via Vote" --> Word Count (1)
 UserId="23920" --> Word Count (1)
 UserId="23920" Comment="Added some details" --> Word Count (341)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="2723" Comment="grammar / readability; removed reference to IDE as this is an R issue not an IDE issue" --> Word Count (91)
 UserId="2723" Comment="Moved non-code out of code block" --> Word Count (114)
 UserId="2723" Comment="Moved non-code out of code block" --> Word Count (1)
 UserId="23204" --> Word Count (34)
 UserId="2723" Comment="Capitalization, punctuation" --> Word Count (341)
 UserId="23945" Comment="added 323 characters in body; edited title" --> Word Count (93)
 UserId="23945" Comment="added 323 characters in body; edited title" --> Word Count (7)
 UserId="15412" --> Word Count (212)
 UserId="15412" --> Word Count (2)
 UserId="15412" --> Word Count (1)
 UserId="15412" --> Word Count (111)
 UserId="23971" --> Word Count (120)
 UserId="23971" --> Word Count (7)
 UserId="23971" --> Word Count (1)
 UserId="381" --> Word Count (103)
 UserId="9123" --> Word Count (127)
 UserId="9123" Comment="added 1 character in body" --> Word Count (126)
 UserId="23567" --> Word Count (108)
 UserId="23567" --> Word Count (8)
 UserId="23567" --> Word Count (1)
 UserId="9123" --> Word Count (113)
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 UserId="14588" Comment="added 22 characters in body" --> Word Count (169)
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 UserId="23850" --> Word Count (43)
 UserId="23850" --> Word Count (4)
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 UserId="13727" --> Word Count (163)
 UserId="17696" --> Word Count (197)
 UserId="1077" Comment="Added additional reference" --> Word Count (44)
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 UserId="23714" --> Word Count (47)
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 UserId="23230" --> Word Count (44)
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 UserId="23997" --> Word Count (278)
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 UserId="24003" --> Word Count (89)
 UserId="24003" --> Word Count (12)
 UserId="24003" --> Word Count (1)
 UserId="24003" --> Word Count (147)
 UserId="24003" --> Word Count (11)
 UserId="24003" --> Word Count (1)
 UserId="14904" --> Word Count (121)
 UserId="14904" Comment="added 500 characters in body" --> Word Count (216)
 UserId="14904" Comment="added 294 characters in body" --> Word Count (265)
 UserId="23714" Text="How Can I save a DataFrame as a CSV in
 HDFS?



I'm trying with this:


 df.groupBy("Product_ID").agg(collect_list("Stock")).saveAs
 --> Word Count (2)
 UserId="23714" Text="value saveAs --> Word Count (7)
 UserId="23714" --> Word Count (1)
 UserId="14904" --> Word Count (48)
 UserId="24007" --> Word Count (240)
 UserId="24007" --> Word Count (5)
 UserId="24007" --> Word Count (1)
 UserId="14904" Comment="added 93 characters in body" Text="This is not standard
 part of the API of DataFrames. You can either map it to a RDD, join the row
 entries to a string and save that or the more flexible way is to use the
 DataBricks spark-csv package that can be found [here][1].

If
 it's just one column you can map it to a RDD and just call `.saveAs --> Word
 Count (4)
 UserId="13518" --> Word Count (88)
 UserId="23915" --> Word Count (158)
 UserId="23915" --> Word Count (11)
 UserId="23915" --> Word Count (1)
 UserId="23915" Comment="Added image to enhance question viability." --> Word
 Count (196)
 UserId="13165" --> Word Count (88)
 UserId="13165" --> Word Count (13)
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 UserId="23945" --> Word Count (62)
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 UserId="2647" --> Word Count (6)
 UserId="2647" --> Word Count (1)
 UserId="24019" --> Word Count (55)
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 UserId="8149" --> Word Count (79)
 UserId="15685" --> Word Count (149)
 UserId="24024" --> Word Count (133)

UserId="9123" --> Word Count (159)
UserId="9123" Comment="added 153 characters in body" --> Word Count (183)
UserId="23811" --> Word Count (86)
UserId="23811" --> Word Count (6)
UserId="23811" --> Word Count (1)
UserId="2647" Comment="More information on data" --> Word Count (162)
UserId="9123" Comment="via Vote" --> Word Count (2)
UserId="9123" --> Word Count (2)
UserId="9123" Comment="added 152 characters in body" --> Word Count (210)
UserId="924" --> Word Count (179)
UserId="24004" Comment="The previous link is now dead, replaced with a working one" --> Word Count (33)
UserId="17250" --> Word Count (61)
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UserId="15533" --> Word Count (16)
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UserId="23911" --> Word Count (46)
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UserId="21" Comment="105" --> Word Count (2)
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UserId="8820" --> Word Count (1)
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curve plotting." --> Word Count (249)
 UserId="24000" Comment="Copied & pasted the code snippet from the URL and added the URL to the question as a hyperlink. Fixed grammar. Added python tag." --> Word Count (280)
 UserId="24000" Comment="Copied & pasted the code snippet from the URL and added the URL to the question as a hyperlink. Fixed grammar. Added python tag." --> Word Count (1)
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 UserId="15412" --> Word Count (1)
 UserId="14904" --> Word Count (57)
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 UserId="381" --> Word Count (116)
 UserId="20585" Comment="edited title" --> Word Count (11)
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 UserId="8752" --> Word Count (182)
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 UserId="17907" --> Word Count (133)
 UserId="17907" --> Word Count (13)
 UserId="17907" --> Word Count (1)
 UserId="8752" Comment="added details" --> Word Count (198)
 UserId="18540" Comment="Spelling corrections" --> Word Count (836)
 UserId="13518" --> Word Count (141)
 UserId="13518" --> Word Count (8)
 UserId="13518" --> Word Count (1)
 UserId="24114" --> Word Count (27)
 UserId="24114" --> Word Count (21)
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 UserId="15533" --> Word Count (1)
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 UserId="24192" --> Word Count (1)
 UserId="816" --> Word Count (72)
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 Word Count (14)
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 UserId="17907" --> Word Count (11)
 UserId="17907" --> Word Count (1)

UserId="18544" Comment="Edited to add the quote from Github and a short comment on translation independence" --> Word Count (570)
 UserId="14360" --> Word Count (713)
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 UserId="14360" --> Word Count (1)
 UserId="15412" --> Word Count (129)
 UserId="15412" --> Word Count (6)
 UserId="15412" --> Word Count (1)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="16024" --> Word Count (266)
 UserId="24222" Text="install.packages('RTextTools')
library(RTextTools)

data("NYTimes";, package='RTextTools')
head(NYTimes)

timesMat <- create_matrix(NYTimes\$Title)


the package installed and can view "NYTimes"; data but create_matrix call throws error that can't find the function.

one more thing: call to library(RTextTools) give following error messages:

Error in loadNamespace(i, c(lib.loc, .libPaths()), versionCheck = vI[[i]]) : 
there is no package called 'slam'
Error: package or namespace load failed for 'R --> Word Count (3)
 UserId="24222" Text="Package R --> Word Count (10)
 UserId="24222" --> Word Count (1)
 UserId="2961" Comment="improved formatting; fixed grammar" Text="install.packages('RTextTools')
library(RTextTools)

data("NYTimes";, package='RTextTools')
head(NYTimes)

timesMat <- create_matrix(NYTimes\$Title)

The package is installed and I can view the "NYTimes"; data set but the `create_matrix` call throws an error that it can't find the function.

One more thing: call to `library(RTextTools)` gives the following error messages:

> Error in loadNamespace(i, c(lib.loc, .libPaths()), versionCheck =
> vI[[i]]) : there is no package called 'slam' Error: package or
> namespace load failed for 'R --> Word Count (3)
 UserId="24215" --> Word Count (45)
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 UserId="24235" --> Word Count (12)
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Let me make the question more clear. 

Take this classic image. 

[![enter image description here][1]][1]

Clearly the input layer is a vector with 3 components. Each of the three components is propagated to the hidden layer. Each neuron in the hidden layer is seeing the same vector with 3 components -- all neurons see the same data. 

So we are at the hidden layer now. From what I read, this layer is all just (usually) ReLus or sigmoids. 

Correct me if I'm wrong, but a ReLu is a ReLu. Why would you need 4 of the exact same function, all seeing the exact same data? 

What makes the red neurons in the hidden layer different from each other? Are they supposed to be different? I haven't read anything about tuning or setting parameters or perturbing different neurons to have them be different. But if they aren't different...then what's the point? 

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removing the unnecessary white part." --> Word Count (142)
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UserId="676" --> Word Count (137)
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 UserId="21988" --> Word Count (48)
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 UserId="21988" --> Word Count (110)

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UserId="15946" --> Word Count (311)

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UserId="24871" Comment="added 269 characters in body" --> Word Count (453)
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UserId="17596" Comment="edited title" --> Word Count (11)
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UserId="8710" --> Word Count (1)
UserId="924" --> Word Count (255)
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 UserId="17290" --> Word Count (86)
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 UserId="13005" --> Word Count (132)
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 UserId="15613" --> Word Count (1)
 UserId="24913" --> Word Count (191)
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 UserId="21024" --> Word Count (134)
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 UserId="15412" --> Word Count (296)
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tidying." --> Word Count (1)
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 UserId="1244" Comment="added 6 characters in body" --> Word Count (128)
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 UserId="1244" Comment="added 533 characters in body" --> Word Count (250)
 UserId="12363" Comment="added 30 characters in body" --> Word Count (182)
 UserId="25188" --> Word Count (100)
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UserId="25188" Comment="added 487 characters in body" --> Word Count (188)
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 UserId="14904" Comment="Added linear regression example" --> Word Count (198)
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 UserId="924" Comment="edited tags" --> Word Count (1)
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 UserId="924" --> Word Count (76)
 UserId="12363" Comment="added 1 character in body" --> Word Count (182)
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 UserId="24593" --> Word Count (85)
 UserId="14" --> Word Count (244)
 UserId="14" Comment="Added full citation in the link to the paper. (This will make it easier to find if the link becomes broken.)" Text="The IDF part of TF-IDF gives less weight to a word if it occurs in a large fraction of the documents in your corpus. However, this doesn't necessarily mean that the word is unimportant for distinguishing your two classes. A word which is common in your corpus, but which also occurs substantially more often in one class than the other, could very well be quite valuable in distinguishing the classes. This can especially be true if your set is not balanced between the two classes.

For example:

Suppose that 95% of negative reviews contained the term "boring", while only 5% of the positive reviews contained "boring". If this occurred in a balanced set of negative and positive reviews, that means that half the total reviews would contain "boring", and this might be one of the terms whose weight is more strongly suppressed by IDF, despite the fact that it's obviously a valuable term for distinguishing the classes. If instead 90% of the reviews are negative (with "boring" again occurring in 95% of negative reviews and 5% of positive ones), then a full 86% of your documents contained the term, and its weight might be highly suppressed by IDF despite its obvious importance.

In essence, the problem is that TF-IDF is agnostic to the class labels in your training set. One alternative to TF-IDF for text classification that doesn't have this flaw is Bi-Normal Separation (BNS), see for example this paper:

[`Forman, G. BNS Feature Scaling: An Improved Representation over TF-IDF for SVM --> Word Count (14)
 UserId="25219" --> Word Count (130)
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 UserId="25219" --> Word Count (1)
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 UserId="25093" --> Word Count (135)
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 UserId="21024" Comment="added tags" --> Word Count (1)
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 UserId="1406" --> Word Count (351)
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 UserId="25157" --> Word Count (199)
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 UserId="25243" --> Word Count (215)
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 UserId="25243" Comment="clarification of what i mean by a "binary weight."" --> Word Count (248)
 UserId="24885" --> Word Count (105)
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 UserId="24885" --> Word Count (1)
 UserId="843" Comment="added 158 characters in body" --> Word Count (36)
 UserId="24467" --> Word Count (63)
 UserId="24467" --> Word Count (9)
 UserId="24467" --> Word Count (1)
 UserId="14" Comment="corrected spelling in title" --> Word Count (6)
 UserId="723" --> Word Count (321)
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 UserId="14" --> Word Count (646)
 UserId="14" Comment="corrected the variable names in the code sample to make them consistent" --> Word Count (345)
 UserId="10902" --> Word Count (222)
 UserId="10902" --> Word Count (6)
 UserId="10902" --> Word Count (1)
 UserId="10902" --> Word Count (33)
 UserId="25223" --> Word Count (179)
 UserId="25223" --> Word Count (12)

UserId="10902" --> Word Count (24)
 UserId="10902" --> Word Count (27)
 UserId="14112" --> Word Count (123)
 UserId="14112" --> Word Count (5)
 UserId="14112" --> Word Count (1)
 UserId="12384" --> Word Count (130)
 UserId="25238" --> Word Count (107)
 UserId="23714" Comment="added 19 characters in body" --> Word Count (94)
 UserId="12985" --> Word Count (39)
 UserId="12985" --> Word Count (12)
 UserId="12985" --> Word Count (1)
 UserId="10902" --> Word Count (52)
 UserId="10902" --> Word Count (52)
 UserId="10902" --> Word Count (42)
 UserId="10902" --> Word Count (158)
 UserId="23714" --> Word Count (154)
 UserId="23714" --> Word Count (10)
 UserId="23714" --> Word Count (1)
 UserId="25223" --> Word Count (33)
 UserId="25284" --> Word Count (708)
 UserId="25289" --> Word Count (148)
 UserId="25289" --> Word Count (6)
 UserId="25289" --> Word Count (1)
 UserId="25284" Comment="format code + add tag" --> Word Count (161)
 UserId="25284" Comment="format code + add tag" --> Word Count (1)
 UserId="25301" --> Word Count (18)
 UserId="10902" --> Word Count (312)
 UserId="19212" --> Word Count (58)
 UserId="19212" --> Word Count (17)
 UserId="19212" --> Word Count (1)
 UserId="836" Comment="Make section headings clearer in this 3-part answer" -->
 Word Count (309)
 UserId="24830" --> Word Count (314)
 UserId="24830" --> Word Count (6)
 UserId="24830" --> Word Count (1)
 UserId="25308" --> Word Count (138)
 UserId="25308" --> Word Count (9)
 UserId="25308" --> Word Count (1)
 UserId="25309" --> Word Count (33)
 UserId="25309" --> Word Count (28)
 UserId="19067" Comment="added 300 characters in body" --> Word Count (280)
 UserId="23710" --> Word Count (52)
 UserId="23710" --> Word Count (7)
 UserId="23710" --> Word Count (1)
 UserId="10902" Comment="code correction " --> Word Count (28)
 UserId="21024" --> Word Count (127)
 UserId="21908" --> Word Count (22)
 UserId="21908" --> Word Count (9)

UserId="21908" --> Word Count (1)
 UserId="10902" --> Word Count (30)
 UserId="10902" --> Word Count (139)
 UserId="21024" Comment="added 29 characters in body" --> Word Count (142)
 UserId="18460" --> Word Count (102)
 UserId="18460" --> Word Count (9)
 UserId="18460" --> Word Count (1)
 UserId="10902" --> Word Count (354)
 UserId="13625" --> Word Count (79)
 UserId="13625" --> Word Count (13)
 UserId="13625" --> Word Count (1)
 UserId="25321" --> Word Count (80)
 UserId="25321" --> Word Count (8)
 UserId="25321" --> Word Count (1)
 UserId="13625" Comment="deleted 13 characters in body" --> Word Count (77)
 UserId="10902" --> Word Count (44)
 UserId="13625" Comment="added 7 characters in body" --> Word Count (79)
 UserId="23305" --> Word Count (83)
 UserId="23305" --> Word Count (8)
 UserId="23305" --> Word Count (1)
 UserId="18416" Comment="Added a section about dropout" --> Word Count (1237)
 UserId="13549" --> Word Count (86)
 UserId="13549" --> Word Count (6)
 UserId="13549" --> Word Count (1)
 UserId="13977" --> Word Count (89)
 UserId="21" Comment="105" --> Word Count (2)
 UserId="75" --> Word Count (28)
 UserId="25213" --> Word Count (113)
 UserId="25213" --> Word Count (13)
 UserId="25213" --> Word Count (1)
 UserId="9420" --> Word Count (61)
 UserId="23305" Comment="added 117 characters in body" --> Word Count (100)
 UserId="25337" --> Word Count (39)
 UserId="25337" --> Word Count (9)
 UserId="25337" --> Word Count (1)
 UserId="18843" --> Word Count (194)
 UserId="10902" --> Word Count (107)
 UserId="12384" --> Word Count (112)
 UserId="108" Comment="added 1199 characters in body" --> Word Count (723)
 UserId="10902" --> Word Count (186)
 UserId="700" Comment="reflect up to date info on package" --> Word Count (79)
 UserId="24895" --> Word Count (158)
 UserId="18460" Comment="added 139 characters in body" --> Word Count (125)
 UserId="21" Comment="edited title" --> Word Count (6)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="18843" Comment="Edited for clarity" --> Word Count (202)
 UserId="18460" Comment="added 69 characters in body" --> Word Count (135)
 UserId="17290" --> Word Count (237)

UserId="10902" Comment="Updated the content" --> Word Count (165)
 UserId="21024" --> Word Count (37)
 UserId="21024" --> Word Count (3)
 UserId="21024" --> Word Count (1)
 UserId="21024" --> Word Count (29)
 UserId="25349" --> Word Count (157)
 UserId="10902" Comment="improved formatting" --> Word Count (130)
 UserId="20343" Comment="edited tags" --> Word Count (1)
 UserId="25353" --> Word Count (662)
 UserId="25353" --> Word Count (19)
 UserId="25353" --> Word Count (1)
 UserId="25347" --> Word Count (81)
 UserId="25347" --> Word Count (7)
 UserId="25347" --> Word Count (1)
 UserId="14" --> Word Count (340)
 UserId="25357" --> Word Count (153)
 UserId="25357" --> Word Count (9)
 UserId="25357" --> Word Count (1)
 UserId="25352" --> Word Count (158)
 UserId="25352" --> Word Count (8)
 UserId="25352" --> Word Count (1)
 UserId="12384" Comment="edited tags" --> Word Count (1)
 UserId="12384" --> Word Count (147)
 UserId="14" --> Word Count (163)
 UserId="24593" --> Word Count (105)
 UserId="14" --> Word Count (18)
 UserId="24379" --> Word Count (68)
 UserId="24379" --> Word Count (8)
 UserId="24379" --> Word Count (1)
 UserId="24409" --> Word Count (206)
 UserId="25366" --> Word Count (61)
 UserId="25366" --> Word Count (8)
 UserId="25366" --> Word Count (1)
 UserId="4968" --> Word Count (65)
 UserId="4968" --> Word Count (10)
 UserId="4968" --> Word Count (1)
 UserId="471" --> Word Count (23)
 UserId="10902" --> Word Count (115)
 UserId="471" Comment="added 854 characters in body" --> Word Count (227)
 UserId="8752" --> Word Count (156)
 UserId="10902" Comment="tags and formatting " --> Word Count (61)
 UserId="10902" Comment="tags and formatting " --> Word Count (1)
 UserId="12384" --> Word Count (184)
 UserId="8820" --> Word Count (142)
 UserId="25383" --> Word Count (121)
 UserId="25383" Text="Approach to --> Word Count (3)
 UserId="25383" --> Word Count (1)
 UserId="25337" --> Word Count (300)

UserId="24409" --> Word Count (185)
 UserId="25394" --> Word Count (119)
 UserId="25394" --> Word Count (9)
 UserId="25394" --> Word Count (1)
 UserId="381" --> Word Count (80)
 UserId="8820" Comment="add link to the t-SNE paper" --> Word Count (79)
 UserId="8820" Comment="added 12 characters in body" --> Word Count (142)
 UserId="8820" --> Word Count (124)
 UserId="381" Comment="added 205 characters in body" --> Word Count (100)
 UserId="13165" --> Word Count (96)
 UserId="13165" --> Word Count (9)
 UserId="13165" --> Word Count (1)
 UserId="24895" --> Word Count (55)
 UserId="24409" --> Word Count (65)
 UserId="25406" --> Word Count (47)
 UserId="25406" --> Word Count (12)
 UserId="25406" --> Word Count (1)
 UserId="24409" --> Word Count (74)
 UserId="25409" --> Word Count (19)
 UserId="24409" --> Word Count (281)
 UserId="10902" --> Word Count (31)
 UserId="3281" Comment="added 273 characters in body" --> Word Count (105)
 UserId="6619" --> Word Count (65)
 UserId="25416" --> Word Count (67)
 UserId="25416" --> Word Count (13)
 UserId="25416" --> Word Count (1)
 UserId="25416" Comment="added 17 characters in body" --> Word Count (69)
 UserId="25406" Comment="added 380 characters in body" --> Word Count (106)
 UserId="21024" --> Word Count (141)
 UserId="21024" --> Word Count (11)
 UserId="21024" --> Word Count (1)
 UserId="14904" Comment="Thanking and greeting people is unnecessary, everybody is happy to help" --> Word Count (67)
 UserId="14904" --> Word Count (73)
 UserId="25418" --> Word Count (80)
 UserId="25418" --> Word Count (10)
 UserId="25418" --> Word Count (1)
 UserId="12384" Comment="Fixed layout." --> Word Count (23)
 UserId="14904" --> Word Count (66)
 UserId="471" --> Word Count (68)
 UserId="16024" --> Word Count (73)
 UserId="13518" --> Word Count (64)
 UserId="13518" --> Word Count (8)
 UserId="13518" --> Word Count (1)
 UserId="13518" Comment="added 21 characters in body" --> Word Count (68)
 UserId="13518" Comment="added 133 characters in body" --> Word Count (91)
 UserId="16024" Comment="changes in title" --> Word Count (68)
 UserId="16024" Comment="changes in title" --> Word Count (12)

UserId="16024" Comment="changes in title" --> Word Count (1)
 UserId="19067" --> Word Count (65)
 UserId="25429" --> Word Count (88)
 UserId="25429" --> Word Count (7)
 UserId="25429" --> Word Count (1)
 UserId="836" --> Word Count (146)
 UserId="24885" --> Word Count (129)
 UserId="24885" --> Word Count (9)
 UserId="24885" --> Word Count (1)
 UserId="19161" --> Word Count (47)
 UserId="25394" --> Word Count (75)
 UserId="25394" --> Word Count (9)
 UserId="25394" --> Word Count (1)
 UserId="25432" --> Word Count (212)
 UserId="25432" --> Word Count (9)
 UserId="25432" --> Word Count (1)
 UserId="14" --> Word Count (350)
 UserId="25435" --> Word Count (80)
 UserId="25435" Comment="added 88 characters in body" --> Word Count (80)
 UserId="25439" --> Word Count (21)
 UserId="25439" --> Word Count (8)
 UserId="25439" --> Word Count (1)
 UserId="24409" --> Word Count (205)
 UserId="25439" Comment="added 6 characters in body" --> Word Count (21)
 UserId="10902" Text="As per your problem and the description, I'll suggest you
 to try ** --> Word Count (33)
 UserId="25448" --> Word Count (92)
 UserId="25448" --> Word Count (10)
 UserId="25448" --> Word Count (1)
 UserId="23238" --> Word Count (194)
 UserId="23238" Text="How to approach Multilingual --> Word Count (2)
 UserId="23238" --> Word Count (1)
 UserId="10169" --> Word Count (47)
 UserId="24696" --> Word Count (103)
 UserId="24696" --> Word Count (13)
 UserId="24696" --> Word Count (1)
 UserId="14675" --> Word Count (42)
 UserId="25311" --> Word Count (24)
 UserId="14675" Comment="edited body" --> Word Count (40)
 UserId="25452" Comment="added 'python' tag as question is language-related" -->
 Word Count (1)
 UserId="14011" --> Word Count (81)
 UserId="14011" --> Word Count (12)
 UserId="14011" --> Word Count (1)
 UserId="14011" Comment="adding a tag" --> Word Count (1)
 UserId="14011" Comment="adding a tag, changing title" --> Word Count (14)
 UserId="25459" --> Word Count (174)
 UserId="25459" --> Word Count (11)

UserId="25459" --> Word Count (1)
 UserId="20534" --> Word Count (233)
 UserId="20534" --> Word Count (9)
 UserId="20534" --> Word Count (1)
 UserId="25238" --> Word Count (78)
 UserId="25238" Comment="deleted 10 characters in body" --> Word Count (76)
 UserId="15412" --> Word Count (57)
 UserId="15412" --> Word Count (5)
 UserId="15412" --> Word Count (1)
 UserId="25459" --> Word Count (19)
 UserId="25459" --> Word Count (9)
 UserId="25459" --> Word Count (1)
 UserId="25043" --> Word Count (38)
 UserId="25043" --> Word Count (9)
 UserId="25043" --> Word Count (1)
 UserId="25467" --> Word Count (192)
 UserId="25467" --> Word Count (8)
 UserId="25467" --> Word Count (1)
 UserId="20534" Comment="added 470 characters in body; edited tags" --> Word Count (304)
 UserId="20534" Comment="added 470 characters in body; edited tags" --> Word Count (1)
 UserId="24409" --> Word Count (240)
 UserId="381" --> Word Count (55)
 UserId="75" --> Word Count (249)
 UserId="75" --> Word Count (25)
 UserId="75" --> Word Count (86)
 UserId="13291" --> Word Count (475)
 UserId="13291" --> Word Count (9)
 UserId="13291" --> Word Count (1)
 UserId="10902" --> Word Count (136)
 UserId="16688" --> Word Count (56)
 UserId="12384" --> Word Count (277)
 UserId="10902" Comment="code correction " --> Word Count (136)
 UserId="12384" Comment="added better model" --> Word Count (403)
 UserId="12384" Comment="added 778 characters in body" --> Word Count (515)
 UserId="12384" Comment="cleaned answer" --> Word Count (495)
 UserId="22013" --> Word Count (57)
 UserId="22013" --> Word Count (13)
 UserId="22013" --> Word Count (1)
 UserId="381" --> Word Count (54)
 UserId="10902" --> Word Count (129)
 UserId="10902" --> Word Count (330)
 UserId="25501" --> Word Count (127)
 UserId="25501" --> Word Count (3)
 UserId="25501" --> Word Count (1)
 UserId="25504" --> Word Count (32)
 UserId="-1" Comment="Improve grammar and wording" --> Word Count (94)

UserId="-1" Comment="Improve grammar and wording" --> Word Count (14)
 UserId="10517" Comment="formatted text and added keras / theano tags" --> Word Count (142)
 UserId="10517" Comment="formatted text and added keras / theano tags" --> Word Count (1)
 UserId="25508" --> Word Count (112)
 UserId="25508" --> Word Count (3)
 UserId="25508" --> Word Count (1)
 UserId="12384" --> Word Count (38)
 UserId="25515" --> Word Count (199)
 UserId="25515" --> Word Count (10)
 UserId="25515" --> Word Count (1)
 UserId="25515" Comment="added 97 characters in body" --> Word Count (218)
 UserId="381" --> Word Count (128)
 UserId="25188" --> Word Count (2971)
 UserId="25188" --> Word Count (7)
 UserId="25188" --> Word Count (1)
 UserId="25504" --> Word Count (55)
 UserId="25526" --> Word Count (95)
 UserId="25526" --> Word Count (6)
 UserId="25526" --> Word Count (1)
 UserId="23708" --> Word Count (121)
 UserId="1131" --> Word Count (31)
 UserId="25104" Comment="error at last line of code" --> Word Count (99)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="8501" Comment="clarify title+tag" --> Word Count (5)
 UserId="8501" Comment="clarify title+tag" --> Word Count (1)
 UserId="25526" Comment="added 19 characters in body; edited title" --> Word Count (94)
 UserId="25526" Comment="added 19 characters in body; edited title" --> Word Count (4)
 UserId="25537" --> Word Count (213)
 UserId="25537" --> Word Count (2)
 UserId="25537" --> Word Count (1)
 UserId="5143" --> Word Count (359)
 UserId="15527" Comment="More verbose title" --> Word Count (6)
 UserId="5143" Comment="deleted 2 characters in body" --> Word Count (495)
 UserId="25543" --> Word Count (94)
 UserId="24275" --> Word Count (204)
 UserId="15412" --> Word Count (283)
 UserId="13714" --> Word Count (258)
 UserId="13714" --> Word Count (4)
 UserId="13714" --> Word Count (1)
 UserId="25504" --> Word Count (75)
 UserId="381" Comment="edited title" --> Word Count (4)
 UserId="10902" --> Word Count (139)
 UserId="5257" --> Word Count (177)
 UserId="5257" --> Word Count (5)

UserId="5257" --> Word Count (1)
 UserId="24409" --> Word Count (99)
 UserId="5257" Comment="added 736 characters in body" --> Word Count (292)
 UserId="5257" Comment="added 291 characters in body" --> Word Count (320)
 UserId="5257" Comment="deleted 297 characters in body" --> Word Count (275)
 UserId="5257" Comment="added 575 characters in body" --> Word Count (384)
 UserId="5257" --> Word Count (91)
 UserId="23983" --> Word Count (129)
 UserId="5257" Comment="added 142 characters in body" --> Word Count (409)
 UserId="5257" Comment="added 142 characters in body" --> Word Count (6)
 UserId="21" --> Word Count (214)
 UserId="21686" --> Word Count (101)
 UserId="21686" --> Word Count (3)
 UserId="21686" --> Word Count (1)
 UserId="14904" --> Word Count (168)
 UserId="14904" --> Word Count (5)
 UserId="14904" --> Word Count (1)
 UserId="1077" --> Word Count (37)
 UserId="25583" --> Word Count (70)
 UserId="25583" --> Word Count (9)
 UserId="25583" --> Word Count (1)
 UserId="25504" --> Word Count (332)
 UserId="14" Comment="fixed typo - "prototypes" as
 "prototypes"" --> Word Count (264)
 UserId="25590" --> Word Count (64)
 UserId="25590" --> Word Count (17)
 UserId="25590" --> Word Count (1)
 UserId="21024" --> Word Count (32)
 UserId="21024" --> Word Count (5)
 UserId="21024" --> Word Count (1)
 UserId="25592" --> Word Count (73)
 UserId="25592" --> Word Count (8)
 UserId="25592" --> Word Count (1)
 UserId="14904" --> Word Count (152)
 UserId="25517" Comment="added more tags" --> Word Count (1)
 UserId="10902" --> Word Count (116)
 UserId="10902" --> Word Count (9)
 UserId="10902" --> Word Count (1)
 UserId="14675" --> Word Count (27)
 UserId="8501" --> Word Count (165)
 UserId="8501" Comment="added 229 characters in body" --> Word Count (200)
 UserId="21319" --> Word Count (33)
 UserId="21319" --> Word Count (16)
 UserId="21319" --> Word Count (1)
 UserId="843" --> Word Count (36)
 UserId="25526" Comment="added 402 characters in body; edited title" --> Word
 Count (175)
 UserId="25526" Comment="added 402 characters in body; edited title" --> Word

Count (4)

UserId="25504" --> Word Count (54)

UserId="25611" --> Word Count (612)

UserId="25611" --> Word Count (83)

UserId="25611" --> Word Count (6)

UserId="25611" --> Word Count (1)

UserId="25618" --> Word Count (567)

UserId="25618" --> Word Count (9)

UserId="25618" --> Word Count (1)

UserId="21024" --> Word Count (85)

UserId="21024" --> Word Count (4)

UserId="21024" --> Word Count (1)

UserId="21024" Comment="added 53 characters in body; edited title" --> Word Count (98)

UserId="21024" Comment="added 53 characters in body; edited title" --> Word Count (5)

UserId="8501" Comment="This is a better title per several days of discussion with OP across both SO and DM.SE " --> Word Count (175)

UserId="8501" Comment="This is a better title per several days of discussion with OP across both SO and DM.SE " --> Word Count (11)

UserId="8501" Comment="This is a better title per several days of discussion with OP across both SO and DM.SE " --> Word Count (1)

UserId="676" --> Word Count (42)

UserId="25618" Comment="few formatting corrections" --> Word Count (579)

UserId="14675" Comment="added 4 characters in body" --> Word Count (27)

UserId="10902" Comment="more information " --> Word Count (139)

UserId="14675" Comment="added 496 characters in body" --> Word Count (109)

UserId="25623" --> Word Count (130)

UserId="25623" --> Word Count (11)

UserId="25623" --> Word Count (1)

UserId="19161" --> Word Count (128)

UserId="24895" --> Word Count (191)

UserId="14211" --> Word Count (76)

UserId="25504" --> Word Count (19)

UserId="21194" --> Word Count (185)

UserId="21194" --> Word Count (26)

UserId="21194" --> Word Count (1)

UserId="25504" --> Word Count (126)

UserId="25626" --> Word Count (144)

UserId="25626" --> Word Count (9)

UserId="25626" --> Word Count (1)

UserId="25504" --> Word Count (70)

UserId="25631" --> Word Count (206)

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UserId="25631" --> Word Count (1)

UserId="6558" --> Word Count (123)

UserId="6558" --> Word Count (8)

UserId="6558" --> Word Count (1)

UserId="12384" --> Word Count (407)
 UserId="21194" Comment="edited title" --> Word Count (26)
 UserId="25636" --> Word Count (93)
 UserId="25636" --> Word Count (8)
 UserId="25636" --> Word Count (1)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="25637" --> Word Count (62)
 UserId="21433" --> Word Count (135)
 UserId="12363" --> Word Count (50)
 UserId="12363" --> Word Count (9)
 UserId="12363" --> Word Count (1)
 UserId="15202" --> Word Count (170)
 UserId="24790" --> Word Count (17)
 UserId="24790" --> Word Count (10)
 UserId="24790" --> Word Count (1)
 UserId="13748" --> Word Count (50)
 UserId="10902" --> Word Count (123)
 UserId="23837" --> Word Count (1491)
 UserId="23837" --> Word Count (6)
 UserId="23837" --> Word Count (1)
 UserId="75" --> Word Count (56)
 UserId="25640" Comment="Put the title of the paper in the link to provide some context" --> Word Count (34)
 UserId="13748" --> Word Count (79)
 UserId="10902" --> Word Count (72)
 UserId="10902" Comment="tags and formatting " --> Word Count (20)
 UserId="10902" Comment="tags and formatting " --> Word Count (1)
 UserId="21" Comment="tags and formatting " --> Word Count (17)
 UserId="23714" --> Word Count (47)
 UserId="23714" --> Word Count (7)
 UserId="23714" --> Word Count (1)
 UserId="25640" --> Word Count (249)
 UserId="25640" --> Word Count (11)
 UserId="25640" --> Word Count (1)
 UserId="13748" --> Word Count (167)
 UserId="13748" --> Word Count (43)
 UserId="20585" --> Word Count (71)
 UserId="20585" --> Word Count (9)
 UserId="20585" --> Word Count (1)
 UserId="20492" --> Word Count (214)
 UserId="471" Comment="I edited your post to increase the readability." --> Word Count (93)
 UserId="471" Comment="I edited your post to increase the readability." --> Word Count (11)
 UserId="20492" --> Word Count (565)
 UserId="25637" Comment="added 21 characters in body" --> Word Count (64)
 UserId="13165" --> Word Count (112)

UserId="13165" --> Word Count (12)
 UserId="13165" --> Word Count (1)
 UserId="25665" --> Word Count (73)
 UserId="25665" --> Word Count (6)
 UserId="25665" --> Word Count (1)
 UserId="14558" --> Word Count (78)
 UserId="23714" --> Word Count (291)
 UserId="23714" --> Word Count (6)
 UserId="23714" --> Word Count (1)
 UserId="20585" Comment="added 77 characters in body" --> Word Count (103)
 UserId="924" --> Word Count (87)
 UserId="25681" --> Word Count (125)
 UserId="25681" --> Word Count (7)
 UserId="25681" --> Word Count (1)
 UserId="5177" Comment="I've corrected a type and aired the paragraph for readability. " --> Word Count (90)
 UserId="836" --> Word Count (287)
 UserId="836" Comment="added 126 characters in body" --> Word Count (333)
 UserId="836" Comment="deleted 11 characters in body" --> Word Count (332)
 UserId="25488" --> Word Count (327)
 UserId="25488" --> Word Count (11)
 UserId="25488" --> Word Count (1)
 UserId="25488" Comment="small correction and simplification" --> Word Count (323)
 UserId="25488" Comment="small correction and simplification" --> Word Count (11)
 UserId="25678" --> Word Count (297)
 UserId="25678" Comment="Clarified wording" --> Word Count (302)
 UserId="14560" --> Word Count (62)
 UserId="836" Comment="added 477 characters in body" --> Word Count (397)
 UserId="14089" --> Word Count (121)
 UserId="14089" Comment="deleted 4 characters in body" --> Word Count (121)
 UserId="14048" --> Word Count (72)
 UserId="14048" --> Word Count (16)
 UserId="14048" --> Word Count (1)
 UserId="25631" Comment="deleted 89 characters in body" --> Word Count (190)
 UserId="25687" --> Word Count (44)
 UserId="25691" --> Word Count (204)
 UserId="24077" --> Word Count (261)
 UserId="24077" --> Word Count (8)
 UserId="24077" --> Word Count (1)
 UserId="10902" Comment="Formatting and a tag" --> Word Count (262)
 UserId="10902" Comment="Formatting and a tag" --> Word Count (1)
 UserId="24077" Comment="edited tags" --> Word Count (1)
 UserId="21560" --> Word Count (103)
 UserId="21560" --> Word Count (7)
 UserId="21560" --> Word Count (1)
 UserId="25696" --> Word Count (274)

UserId="25696" --> Word Count (4)
 UserId="25696" --> Word Count (1)
 UserId="25698" --> Word Count (67)
 UserId="25698" --> Word Count (15)
 UserId="25698" --> Word Count (1)
 UserId="9270" --> Word Count (178)
 UserId="9270" --> Word Count (6)
 UserId="9270" --> Word Count (1)
 UserId="25419" --> Word Count (845)
 UserId="10902" --> Word Count (60)
 UserId="941" --> Word Count (80)
 UserId="25718" --> Word Count (22)
 UserId="24005" --> Word Count (79)
 UserId="24005" --> Word Count (8)
 UserId="24005" --> Word Count (1)
 UserId="25734" --> Word Count (73)
 UserId="25734" --> Word Count (4)
 UserId="25734" --> Word Count (1)
 UserId="24005" Comment="added 189 characters in body" --> Word Count (119)
 UserId="924" --> Word Count (136)
 UserId="25741" --> Word Count (153)
 UserId="25741" --> Word Count (7)
 UserId="25741" --> Word Count (1)
 UserId="16251" --> Word Count (62)
 UserId="16251" --> Word Count (9)
 UserId="16251" --> Word Count (1)
 UserId="16251" Comment="edited tags" --> Word Count (1)
 UserId="12558" --> Word Count (108)
 UserId="19161" --> Word Count (66)
 UserId="25742" --> Word Count (253)
 UserId="23305" --> Word Count (35)
 UserId="25750" Comment="Replace shortened link with full" --> Word Count (253)
 UserId="25419" Comment="Better code courtesy of MaxU; also better formatted."
 --> Word Count (754)
 UserId="19147" --> Word Count (193)
 UserId="19147" --> Word Count (8)
 UserId="19147" --> Word Count (1)
 UserId="5297" --> Word Count (130)
 UserId="5297" --> Word Count (7)
 UserId="5297" --> Word Count (1)
 UserId="5297" --> Word Count (128)
 UserId="5297" Comment="added 26 characters in body" --> Word Count (134)
 UserId="19147" Comment="edited title" --> Word Count (8)
 UserId="13736" --> Word Count (135)
 UserId="13736" --> Word Count (15)
 UserId="13736" --> Word Count (1)
 UserId="24005" --> Word Count (71)
 UserId="24005" --> Word Count (12)

UserId="24005" --> Word Count (1)

UserId="25742" Comment=" Inserted code here, from my github" Text="Am currently working on something in this domain.

The rough process I am currently following is -

 1. Extract data from PDFs (ubiquitous version of Bank Statements nowadays) into more usable formats. Currently,converting them to TXT files first as an intermediate step.
 2. Generically, bank statements (from a specific bank) tend to be structured in the same format. Hence, while converting the TXT to CSV, you can structure the algo such that it knows what to pick up - based on a rough analysis of the TXT file.
- Use 2 different data frames to store the statements content - one df keeping track of the transactional data (storing 3 values - Date, Description and Amount) and the other to keep track of the metadata (storing 2 values - Key and Value)
- You can determine the rough structure of the TXT file by going through a few TXTs. e.g. the transactions generally begin after a specific element's occurrence in every bank statement. Ignore the page footers / headers that recur in case of multi-page transactions. Also, another observation would be that all data in a specific column of the transactions (the transactions are read in as a table by my program [link given below]) appear together. 
- Doing the above enables the transaction and meta data to a relatively structured and processable format 

 3. Perform analysis on the Description column or the entire transactional df you have thus generated.

You can use the following code to convert a given PDF to a txt file -

 from __future__ import unicode_literals
 import os
 import sys 
 reload(sys) 
 sys.setdefaultencoding('utf8')
 from pdfminer.pdfinterp import PDFResourceManager, PDFPageInterpreter
 from pdfminer.pdfpage import PDFPage
 from pdfminer.converter import XMLConverter, HTMLConverter, TextConverter
 from pdfminer.layout import LAParams
 from cStringIO import StringIO
 
 def pdfparser(data):
 dest = data[:-3]+'"txt" 
 print "\n\n\n\n";dest 
 fp = file(data, 'rb')
 rsrcmgr = PDFResourceManager()
 retstr = StringIO()
 codec = 'utf-8'
 laparams = LAParams()
 device = -->

Word Count (220)

UserId="25293" --> Word Count (21)

UserId="25611" --> Word Count (179)

UserId="25611" --> Word Count (7)

UserId="25611" --> Word Count (1)

UserId="10904" --> Word Count (222)

UserId="10904" --> Word Count (210)

UserId="25742" Comment="deleted 32 characters in body" Text="Am currently working on something in this domain.

The rough process I am currently following is -

 1. Extract data from PDFs (ubiquitous version of Bank Statements nowadays) into more usable formats. Currently,converting them to TXT files first as an intermediate step.
 2. Generically, bank statements (from a specific bank) tend to be structured in the same format. Hence, while converting the TXT to CSV, you can structure the

algo such that it knows what to pick up - based on a rough analysis of the TXT file.

- Use 2 different data frames to store the statements content - one df keeping track of the transactional data (storing 3 values - Date, Description and Amount) and the other to keep track of the metadata (storing 2 values - Key and Value)
- You can determine the rough structure of the TXT file by going through a few TXTs. e.g. the transactions generally begin after a specific element's occurrence in every bank statement. Ignore the page footers / headers that recur in case of multi-page transactions. Also, another observation would be that all data in a specific column of the transactions (the transactions are read in as a table by my program [link given below]) appear together.
- Doing the above enables the transaction and meta data to a relatively structured and processable format

3. Perform analysis on the Description column or the entire transactional df you have thus generated.

You can use the following code to convert a given PDF to a txt file -

```

from __future__ import
unicode_literals
import os
import sys
reload(sys)
sys.setdefaultencoding('utf8')
from pdfminer.pdfinterp import PDFResourceManager, PDFPageInterpreter
from pdfminer.pdfpage import PDFPage
from pdfminer.converter import XMLConverter, HTMLConverter, TextConverter
from pdfminer.layout
import LAParams
from cStringIO import StringIO

def pdfparser(data):
    dest =
data[:-3]+"txt"
    print "\n\n\n\n\n",dest
    fp = file(data, 'rb')
    rsrcmgr =
PDFResourceManager()
    retstr = StringIO()
    codec
= 'utf-8'
    laparams = LAParams()
    device = -->

```

Word Count (213)

UserId="24346" --> Word Count (100)

UserId="24346" --> Word Count (6)

UserId="24346" --> Word Count (1)

UserId="381" --> Word Count (81)

UserId="381" Comment="deleted 14 characters in body" --> Word Count (79)

UserId="20974" --> Word Count (107)

UserId="20974" --> Word Count (4)

UserId="20974" --> Word Count (1)

UserId="25772" --> Word Count (68)

UserId="25772" --> Word Count (18)

UserId="25772" --> Word Count (1)

UserId="25734" --> Word Count (156)

UserId="25734" --> Word Count (5)

UserId="25734" --> Word Count (1)

UserId="2573" --> Word Count (28)

UserId="25772" Comment="added 6 characters in body" --> Word Count (68)

UserId="12384" --> Word Count (234)

UserId="12384" Comment="fixed spelling errors and layout of question" --> Word Count (158)

UserId="10902" Comment="Improved formatting" --> Word Count (240)

UserId="25792" --> Word Count (23)

UserId="25611" --> Word Count (204)
 UserId="25741" Comment="Explained better about the attributes " --> Word Count (165)
 UserId="20618" --> Word Count (35)
 UserId="20618" --> Word Count (8)
 UserId="20618" --> Word Count (1)
 UserId="843" --> Word Count (13)
 UserId="10904" --> Word Count (258)
 UserId="24077" --> Word Count (160)
 UserId="24077" --> Word Count (15)
 UserId="24077" --> Word Count (1)
 UserId="25759" --> Word Count (202)
 UserId="25104" --> Word Count (85)
 UserId="13736" Comment="made title more descriptive" --> Word Count (148)
 UserId="13736" Comment="made title more descriptive" --> Word Count (10)
 UserId="12792" --> Word Count (120)
 UserId="12792" --> Word Count (5)
 UserId="12792" --> Word Count (1)
 UserId="19161" --> Word Count (100)
 UserId="8085" --> Word Count (73)
 UserId="25817" --> Word Count (231)
 UserId="25817" --> Word Count (6)
 UserId="25817" --> Word Count (1)
 UserId="25104" --> Word Count (74)
 UserId="816" Comment="deleted 7 characters in body" --> Word Count (682)
 UserId="19147" --> Word Count (211)
 UserId="19147" Text="How to do scatterplot Visualization of " --> Word Count (2)
 UserId="19147" --> Word Count (1)
 UserId="19147" Comment="added 9 characters in body" --> Word Count (219)
 UserId="24885" --> Word Count (61)
 UserId="24885" --> Word Count (10)
 UserId="24885" --> Word Count (1)
 UserId="20517" --> Word Count (95)
 UserId="10904" --> Word Count (196)
 UserId="24885" Comment="explaining in detail" --> Word Count (136)
 UserId="25311" --> Word Count (15)
 UserId="15412" --> Word Count (54)
 UserId="25755" --> Word Count (606)
 UserId="13748" Comment="Removed noise" --> Word Count (34)
 UserId="13809" --> Word Count (455)
 UserId="13809" --> Word Count (11)
 UserId="13809" --> Word Count (1)
 UserId="843" Comment="deleted 6 characters in body" --> Word Count (179)
 UserId="12363" --> Word Count (100)
 UserId="12363" --> Word Count (15)
 UserId="12363" --> Word Count (1)
 UserId="12558" Text="If I understand correctly you want to cluster urls by using the keywords extracted as features. As these features are really sparse, you can

try to use dimensionality reductions methods to help you.

One way is to treat each URL keywords as a document. Then you can use document embeddings algorithms such as [LDA][1] or [doc2vec][2] that learn denser representations of your documents.

If you want to group keywords, you can try to use word embeddings methods that learn representations of words. Using this you can then measure the similarity between words and groups of words.
An example is the well-known [word2vec][3]. Recent methods like [FastText][4] can be alternative that take the morphology into account.


 [1]:

https://en.wikipedia.org/wiki/Latent_Dirichlet_allocation
 [2]:

<https://rare-technologies.com/doc2vec-tutorial/>
 [3]:

<https://en.wikipedia.org/wiki/Word2vec>
 [4]:

<https://github.com/facebookresearch/fast> --> Word Count (1)

UserId="25876" --> Word Count (31)

UserId="25876" --> Word Count (5)

UserId="25876" --> Word Count (1)

UserId="10902" --> Word Count (60)

UserId="10902" Comment="Improved formatting" --> Word Count (182)

UserId="21" Comment="103" --> Word Count (2)

UserId="25755" Comment="added 4 characters in body" --> Word Count (606)

UserId="25881" --> Word Count (168)

UserId="25881" --> Word Count (9)

UserId="25881" --> Word Count (1)

UserId="25742" --> Word Count (250)

UserId="25884" --> Word Count (137)

UserId="25884" --> Word Count (15)

UserId="25884" --> Word Count (1)

UserId="836" --> Word Count (195)

UserId="24719" --> Word Count (47)

UserId="24719" --> Word Count (7)

UserId="24719" --> Word Count (1)

UserId="25891" --> Word Count (46)

UserId="25891" --> Word Count (16)

UserId="25891" --> Word Count (1)

UserId="25892" --> Word Count (50)

UserId="25892" --> Word Count (7)

UserId="25892" --> Word Count (1)

UserId="843" --> Word Count (98)

UserId="843" Comment="deleted 8 characters in body" --> Word Count (97)

UserId="16251" --> Word Count (87)

UserId="16251" --> Word Count (3)

UserId="16251" --> Word Count (1)

UserId="25174" --> Word Count (129)

UserId="24719" Comment="added 131 characters in body" --> Word Count (71)

UserId="16251" --> Word Count (64)

UserId="16251" --> Word Count (8)

UserId="16251" --> Word Count (1)

UserId="25876" --> Word Count (26)

UserId="25876" --> Word Count (8)
 UserId="25876" --> Word Count (1)
 UserId="10902" --> Word Count (27)
 UserId="15412" --> Word Count (103)
 UserId="10902" --> Word Count (301)
 UserId="24696" --> Word Count (71)
 UserId="24696" --> Word Count (10)
 UserId="24696" --> Word Count (1)
 UserId="14588" --> Word Count (91)
 UserId="2961" --> Word Count (39)
 UserId="471" Comment="PLEASE proofread AT LEAST the question title." --> Word Count (9)
 UserId="471" Comment="PLEASE proofread AT LEAST the question title." --> Word Count (87)
 UserId="471" Comment="PLEASE proofread AT LEAST the question title." --> Word Count (3)
 UserId="836" Comment="added 55 characters in body" --> Word Count (226)
 UserId="10902" Comment="Improved formatting" --> Word Count (225)
 UserId="24346" Comment="added 159 characters in body" --> Word Count (132)
 UserId="24346" Comment="added 159 characters in body" --> Word Count (6)
 UserId="25867" --> Word Count (107)
 UserId="25867" --> Word Count (5)
 UserId="25867" --> Word Count (1)
 UserId="25755" Comment="Added spaces for readability" --> Word Count (609)
 UserId="18692" --> Word Count (102)
 UserId="18692" --> Word Count (6)
 UserId="18692" --> Word Count (1)
 UserId="18544" --> Word Count (320)
 UserId="25891" --> Word Count (39)
 UserId="25891" --> Word Count (16)
 UserId="25891" --> Word Count (1)
 UserId="21749" --> Word Count (154)
 UserId="21749" --> Word Count (6)
 UserId="21749" --> Word Count (1)
 UserId="21749" --> Word Count (36)
 UserId="21" Comment="101" --> Word Count (2)
 UserId="7830" --> Word Count (166)
 UserId="7830" --> Word Count (9)
 UserId="7830" --> Word Count (1)
 UserId="25910" --> Word Count (23)
 UserId="12384" --> Word Count (134)
 UserId="15527" --> Word Count (36)
 UserId="25880" --> Word Count (113)
 UserId="25880" --> Word Count (5)
 UserId="25880" --> Word Count (1)
 UserId="25913" --> Word Count (121)
 UserId="25913" --> Word Count (13)
 UserId="25913" --> Word Count (1)

UserId="8762" --> Word Count (98)
UserId="20492" --> Word Count (313)
UserId="25915" --> Word Count (342)
UserId="25915" --> Word Count (10)
UserId="25915" --> Word Count (1)
UserId="10902" --> Word Count (833)
UserId="25922" --> Word Count (46)
UserId="25922" --> Word Count (12)
UserId="25922" --> Word Count (1)
UserId="25923" --> Word Count (42)
UserId="25923" --> Word Count (17)
UserId="25923" --> Word Count (1)
UserId="21" Comment="105" --> Word Count (2)
UserId="20974" Comment="added 401 characters in body" --> Word Count (179)
UserId="25934" --> Word Count (109)
UserId="25935" --> Word Count (553)
UserId="25935" --> Word Count (3)
UserId="25935" --> Word Count (1)
UserId="25755" --> Word Count (87)
UserId="25104" --> Word Count (374)
UserId="25157" Comment="edited body" --> Word Count (211)
UserId="25935" Comment="added 1056 characters in body" --> Word Count (776)
UserId="25939" --> Word Count (130)
UserId="25939" --> Word Count (7)
UserId="25939" --> Word Count (1)
UserId="25936" --> Word Count (66)
UserId="25936" --> Word Count (4)
UserId="25936" --> Word Count (1)
UserId="21369" --> Word Count (65)
UserId="21369" --> Word Count (6)
UserId="21369" --> Word Count (1)
UserId="24895" --> Word Count (375)
UserId="25947" --> Word Count (36)
UserId="25947" --> Word Count (10)
UserId="25947" --> Word Count (1)
UserId="25945" --> Word Count (101)
UserId="25953" --> Word Count (122)
UserId="25953" --> Word Count (11)
UserId="25953" --> Word Count (1)
UserId="426" --> Word Count (35)
UserId="18200" --> Word Count (104)
UserId="18200" --> Word Count (4)
UserId="18200" --> Word Count (1)
UserId="20974" --> Word Count (47)
UserId="25957" --> Word Count (53)
UserId="25957" --> Word Count (12)
UserId="25957" --> Word Count (1)
UserId="9123" --> Word Count (45)

UserId="9123" --> Word Count (42)
UserId="12384" Comment="Added neural net links" --> Word Count (205)
UserId="20974" Comment="added 3 characters in body" --> Word Count (48)
UserId="24742" --> Word Count (43)
UserId="24742" --> Word Count (14)
UserId="24742" --> Word Count (1)
UserId="3591" --> Word Count (181)
UserId="3591" --> Word Count (6)
UserId="3591" --> Word Count (1)
UserId="21369" Comment="edited body; edited title" --> Word Count (65)
UserId="21369" Comment="edited body; edited title" --> Word Count (6)
UserId="17310" --> Word Count (31)
UserId="17310" --> Word Count (7)
UserId="17310" --> Word Count (1)
UserId="17310" Comment="added 11 characters in body" --> Word Count (33)
UserId="17962" --> Word Count (23)
UserId="836" --> Word Count (57)
UserId="836" Comment="added 235 characters in body" --> Word Count (108)
UserId="836" Comment="added 127 characters in body" --> Word Count (129)
UserId="25755" --> Word Count (47)
UserId="1376" --> Word Count (95)
UserId="1376" --> Word Count (10)
UserId="1376" --> Word Count (1)
UserId="25755" Comment="added 565 characters in body" --> Word Count (157)
UserId="23701" --> Word Count (516)
UserId="23701" --> Word Count (10)
UserId="23701" --> Word Count (1)
UserId="25970" --> Word Count (654)
UserId="25970" --> Word Count (4)
UserId="25970" --> Word Count (1)
UserId="23262" --> Word Count (67)
UserId="25800" --> Word Count (67)
UserId="25800" --> Word Count (53)
UserId="25826" Comment="Add pyhton tag" --> Word Count (1)
UserId="25826" Comment="Add pyhton tag" --> Word Count (1)
UserId="25976" --> Word Count (53)
UserId="25976" --> Word Count (14)
UserId="25976" --> Word Count (1)
UserId="20492" --> Word Count (609)
UserId="23581" --> Word Count (100)
UserId="25970" Comment="added 550 characters in body" --> Word Count (736)
UserId="2723" --> Word Count (86)
UserId="2723" --> Word Count (5)
UserId="2723" --> Word Count (1)
UserId="2723" Comment="added 107 characters in body" --> Word Count (124)
UserId="6558" Comment="clearer" --> Word Count (186)
UserId="2723" Comment="added 107 characters in body" --> Word Count (132)
UserId="3108" --> Word Count (282)

UserId="3108" --> Word Count (10)
 UserId="3108" --> Word Count (1)
 UserId="24742" Comment="added 26 characters in body" --> Word Count (46)
 UserId="25983" --> Word Count (115)
 UserId="25983" --> Word Count (5)
 UserId="25983" --> Word Count (1)
 UserId="836" Comment="added hopefully correct links" --> Word Count (121)
 UserId="471" --> Word Count (76)
 UserId="16024" --> Word Count (88)
 UserId="24871" --> Word Count (174)
 UserId="24871" --> Word Count (4)
 UserId="24871" --> Word Count (1)
 UserId="14736" --> Word Count (128)
 UserId="14736" --> Word Count (9)
 UserId="14736" --> Word Count (1)
 UserId="21024" --> Word Count (75)
 UserId="14736" Comment="added 23 characters in body" --> Word Count (130)
 UserId="16024" --> Word Count (113)
 UserId="3108" Comment="typo" --> Word Count (282)
 UserId="3108" Comment="fix some numbers" --> Word Count (293)
 UserId="14736" Comment="added 303 characters in body" --> Word Count (183)
 UserId="16024" --> Word Count (124)
 UserId="471" --> Word Count (47)
 UserId="25236" --> Word Count (548)
 UserId="25236" --> Word Count (11)
 UserId="25236" --> Word Count (1)
 UserId="17962" --> Word Count (60)
 UserId="836" Comment="added 4 characters in body" --> Word Count (130)
 UserId="24593" --> Word Count (172)
 UserId="25772" --> Word Count (26)
 UserId="25772" --> Word Count (8)
 UserId="25772" --> Word Count (1)
 UserId="25876" --> Word Count (38)
 UserId="25876" --> Word Count (4)
 UserId="25876" --> Word Count (1)
 UserId="471" --> Word Count (343)
 UserId="836" --> Word Count (159)
 UserId="836" Comment="added 20 characters in body" --> Word Count (163)
 UserId="16024" --> Word Count (64)
 UserId="25876" Comment="added 70 characters in body" --> Word Count (38)
 UserId="16024" --> Word Count (58)
 UserId="25992" --> Word Count (120)
 UserId="25992" --> Word Count (10)
 UserId="25992" --> Word Count (1)
 UserId="471" Comment="format data" --> Word Count (230)
 UserId="21024" --> Word Count (91)
 UserId="25236" Comment="added 140 characters in body" --> Word Count (570)
 UserId="15412" --> Word Count (98)

UserId="15412" --> Word Count (9)
 UserId="15412" --> Word Count (1)
 UserId="17962" Comment="added 7 characters in body" --> Word Count (60)
 UserId="26019" --> Word Count (376)
 UserId="26019" --> Word Count (3)
 UserId="26019" --> Word Count (1)
 UserId="20585" --> Word Count (38)
 UserId="25218" --> Word Count (58)
 UserId="25218" Comment="More useful info is added." --> Word Count (95)
 UserId="2961" Comment="fixed formatting" --> Word Count (62)
 UserId="21024" Comment="added rnn tag for better visibility" --> Word Count (1)
 UserId="21024" Comment="added tags" --> Word Count (1)
 UserId="25218" Comment="Added new tags." --> Word Count (46)
 UserId="25218" Comment="Added new tags." --> Word Count (1)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="3108" --> Word Count (45)
 UserId="25218" --> Word Count (57)
 UserId="25218" Comment="an error was corrected" --> Word Count (95)
 UserId="25218" Comment="deleted 2 characters in body" --> Word Count (95)
 UserId="471" Comment="use backquotes to style code" --> Word Count (48)
 UserId="25218" Comment="alternative syntax is presented." --> Word Count (135)
 UserId="25218" Comment="revised to meet the advice of Spacedman." --> Word
 Count (74)
 UserId="26032" --> Word Count (181)
 UserId="26032" --> Word Count (7)
 UserId="26032" --> Word Count (1)
 UserId="24409" --> Word Count (200)
 UserId="26034" --> Word Count (199)
 UserId="26034" --> Word Count (7)
 UserId="26034" --> Word Count (1)
 UserId="25218" --> Word Count (249)
 UserId="25218" Comment="A typo is corrected" --> Word Count (249)
 UserId="25218" Comment="An illustrative figure is added." --> Word Count (100)
 UserId="10992" --> Word Count (238)
 UserId="10992" --> Word Count (7)
 UserId="10992" --> Word Count (1)
 UserId="12936" --> Word Count (53)
 UserId="12936" --> Word Count (6)
 UserId="12936" --> Word Count (1)
 UserId="6558" Comment="format data" --> Word Count (228)
 UserId="5177" Comment="correcting 'executioners' with executors and grammar. "
 --> Word Count (191)
 UserId="23614" --> Word Count (277)
 UserId="133" --> Word Count (185)
 UserId="133" --> Word Count (12)
 UserId="133" --> Word Count (1)
 UserId="15202" --> Word Count (462)
 UserId="24885" --> Word Count (310)

UserId="24885" --> Word Count (13)
UserId="24885" --> Word Count (1)
UserId="26050" --> Word Count (32)
UserId="15527" --> Word Count (31)
UserId="25218" Comment="added relevant tags" --> Word Count (1)
UserId="26058" --> Word Count (62)
UserId="26058" --> Word Count (10)
UserId="26058" --> Word Count (1)
UserId="26058" Comment="added 19 characters in body" --> Word Count (65)
UserId="26058" Comment="added 20 characters in body" --> Word Count (68)
UserId="26061" --> Word Count (142)
UserId="26061" --> Word Count (9)
UserId="26061" --> Word Count (1)
UserId="12206" --> Word Count (39)
UserId="12206" --> Word Count (8)
UserId="12206" --> Word Count (1)
UserId="75" --> Word Count (18)
UserId="14684" --> Word Count (342)
UserId="14684" --> Word Count (5)
UserId="14684" --> Word Count (1)
UserId="21024" --> Word Count (198)
UserId="816" --> Word Count (75)
UserId="8820" --> Word Count (100)
UserId="8820" --> Word Count (8)
UserId="8820" --> Word Count (1)
UserId="843" --> Word Count (50)
UserId="843" --> Word Count (755)
UserId="843" Comment="edited tags" --> Word Count (1)
UserId="8820" Comment="added 4 characters in body" --> Word Count (100)
UserId="12363" --> Word Count (40)
UserId="12363" --> Word Count (8)
UserId="12363" --> Word Count (1)
UserId="26083" --> Word Count (245)
UserId="26083" --> Word Count (3)
UserId="26083" --> Word Count (1)
UserId="26085" --> Word Count (184)
UserId="26085" --> Word Count (7)
UserId="26085" --> Word Count (1)
UserId="25225" --> Word Count (120)
UserId="25225" --> Word Count (6)
UserId="25225" --> Word Count (1)
UserId="25640" --> Word Count (120)
UserId="25640" --> Word Count (6)
UserId="25640" --> Word Count (1)
UserId="25225" Comment="added 9 characters in body" --> Word Count (121)
UserId="8820" --> Word Count (51)
UserId="8820" --> Word Count (9)
UserId="8820" --> Word Count (1)

UserId="8820" --> Word Count (36)
 UserId="8820" Comment="added 115 characters in body" --> Word Count (39)
 UserId="26090" --> Word Count (133)
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 UserId="26096" --> Word Count (1)
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 UserId="21024" --> Word Count (117)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="836" --> Word Count (566)
 UserId="25311" --> Word Count (66)
 UserId="25755" Comment="edited body" --> Word Count (157)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="25104" --> Word Count (234)
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 UserId="24696" --> Word Count (8)
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 UserId="24719" --> Word Count (6)
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 UserId="12384" Comment="added 476 characters in body" --> Word Count (181)
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 UserId="26146" --> Word Count (94)

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 UserId="21" --> Word Count (2)
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 UserId="26145" --> Word Count (45)
 UserId="26145" --> Word Count (10)
 UserId="26145" --> Word Count (1)
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 UserId="836" Comment="Tidy up question and tags for better searching and closer match to problem." --> Word Count (48)
 UserId="836" Comment="Tidy up question and tags for better searching and closer match to problem." --> Word Count (15)
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 UserId="26197" Comment="Changed cross_validation module to model_selection module because cross_validation has been deprecated. " --> Word Count (35)
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 UserId="26193" --> Word Count (1)

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 UserId="23305" Comment="added 3 characters in body" --> Word Count (196)
 UserId="26211" --> Word Count (11)
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 UserId="26127" --> Word Count (364)
 UserId="26194" --> Word Count (374)
 UserId="26194" --> Word Count (587)
 UserId="26194" Comment="added more info on how to select (infer) categorical columns" --> Word Count (746)
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 UserId="25311" Comment="added 4 characters in body" --> Word Count (181)
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 UserId="24792" Comment="added 5 characters in body" --> Word Count (203)
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 UserId="25157" Comment="Corrected spelling" --> Word Count (3)
 UserId="15412" --> Word Count (119)
 UserId="11097" Comment="edited title" --> Word Count (4)
 UserId="381" --> Word Count (1)
 UserId="1077" Comment="better explanation based on OP" --> Word Count (228)
 UserId="24792" Comment="added 103 characters in body" --> Word Count (168)
 UserId="26249" --> Word Count (339)
 UserId="26249" --> Word Count (3)
 UserId="26249" --> Word Count (1)
 UserId="24792" Comment="edited body" --> Word Count (203)
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 UserId="26127" --> Word Count (489)
 UserId="25915" --> Word Count (89)
 UserId="25915" Comment="added 510 characters in body" --> Word Count (188)
 UserId="26260" --> Word Count (47)
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 UserId="25915" Comment="added 510 characters in body" --> Word Count (166)
 UserId="25915" Comment="added 6 characters in body" --> Word Count (167)
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 UserId="12771" --> Word Count (227)
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 UserId="12771" --> Word Count (1)
 UserId="26272" --> Word Count (89)
 UserId="12384" Comment="fixed typo" --> Word Count (88)
 UserId="25218" Comment="relevant tags added" --> Word Count (1)
 UserId="12771" Comment="added 605 characters in body" --> Word Count (467)
 UserId="12771" Comment="added 6 characters in body" --> Word Count (467)
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 UserId="15412" --> Word Count (96)
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 UserId="8820" --> Word Count (78)

UserId="8820" --> Word Count (5)
 UserId="8820" --> Word Count (1)
 UserId="26281" Comment="added 185 characters in body" --> Word Count (334)
 UserId="8820" --> Word Count (140)
 UserId="8820" --> Word Count (10)
 UserId="8820" --> Word Count (1)
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 UserId="941" --> Word Count (348)
 UserId="471" --> Word Count (286)
 UserId="25218" Comment="relevant tags added." --> Word Count (1)
 UserId="8501" Comment="clarify title" --> Word Count (10)
 UserId="25359" --> Word Count (146)
 UserId="25359" --> Word Count (8)
 UserId="25359" --> Word Count (1)
 UserId="26284" --> Word Count (140)
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 UserId="26288" --> Word Count (174)
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 UserId="26302" --> Word Count (1)
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 UserId="10902" Comment="Improved formatting" --> Word Count (139)
 UserId="25218" Comment="Relevant tags added" --> Word Count (29)
 UserId="25218" Comment="Relevant tags added" --> Word Count (10)
 UserId="25218" Comment="Relevant tags added" --> Word Count (1)
 UserId="25429" --> Word Count (94)
 UserId="25429" --> Word Count (9)
 UserId="25429" --> Word Count (1)
 UserId="14906" --> Word Count (310)
 UserId="14906" --> Word Count (176)
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 UserId="26316" --> Word Count (152)
 UserId="26316" --> Word Count (3)
 UserId="26316" --> Word Count (1)
 UserId="26316" Comment="deleted 52 characters in body" --> Word Count (140)
 UserId="26316" Comment="added 116 characters in body" --> Word Count (158)
 UserId="26317" --> Word Count (157)
 UserId="26317" --> Word Count (11)
 UserId="26317" --> Word Count (1)
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 UserId="15412" --> Word Count (195)
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UserId="26316" --> Word Count (1)
 UserId="8501" Comment="improve title" --> Word Count (14)
 UserId="10902" Comment="Improved formatting" --> Word Count (70)
 UserId="816" Comment="removed "linear" because its about trees" -->
 Word Count (4)
 UserId="816" Comment="Rollback to [8f1f7504-090e-4d29-98b4-3a58aaa0013d]" -->
 Word Count (5)
 UserId="25429" Comment="added 95 characters in body" --> Word Count (94)
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 UserId="23718" --> Word Count (1)
 UserId="23718" Comment="added 337 characters in body" --> Word Count (864)
 UserId="8820" Comment="added 59 characters in body" --> Word Count (274)
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 Count (505)
 UserId="14906" Comment="Changed code formatting to be more readable" --> Word
 Count (8)
 UserId="26316" Comment="deleted 1 character in body" --> Word Count (158)
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 UserId="14906" --> Word Count (375)
 UserId="25429" Comment="added 216 characters in body" --> Word Count (110)
 UserId="25429" Comment="added plot" --> Word Count (135)
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 "log likely function"; which is always maximized to get the optimal
 solution, while the negative one is "error function"; which is always
 to be minimized." --> Word Count (48)
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 Word Count (152)
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 UserId="26425" Text="I'm currently trying to train a model an a large csv file (>70GB with more than 60 million rows). To do so im using tf.contrib.learn.read_batch_examples. I'm struggling in understanding how this function actually reads the data. If I'm using a batch size of e.g. 50.000, does it read the first 50.000 lines of the file? If I want to loop over the whole file (1 epoch) do I have to use num_rows/batch_size = 1.200 number of steps for the estimator.fit method? Here is the input function im currently using: def input_fn(file_names, batch_size): # Read csv files and create examples dict examples_dict = read_csv_examples(file_names, batch_size) # Continuous features feature_cols = {k: tf.string_to_number(examples_dict[k], out_type=tf.float32) for k in CONTINUOUS_COLUMNS} # Categorical features feature_cols.update({k: tf.SparseTensor(examples_dict[k].get_shape()[0]), indices=[[i, 0] for i in range(examples_dict[k].get_shape()[0])], values=examples_dict[k], shape=[int(examples_dict[k].get_shape()[0]), 1]) for k in CATEGORICAL_COLUMNS}) label = tf.string_to_number(examples_dict[LABEL_COLUMN], out_type=tf.int32) return feature_cols, label def read_csv_examples(file_names, batch_size): def parse_fn(record): record_defaults = [tf.constant([''], dtype=tf.string)] * len(COLUMNS) return tf.decode_csv(record, record_defaults) examples_op = tf.contrib.learn.read_batch_examples(file_names, batch_size=batch_size, queue_capacity=batch_size*2.5, reader=tf. --> Word Count (227)
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 UserId="26163" --> Word Count (3)
 UserId="26163" --> Word Count (1)
 UserId="26163" Comment="added 20 characters in body" --> Word Count (173)
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 UserId="26479" --> Word Count (53)

UserId="26479" Comment="Editing answer so I can answer Niel Slater, beacuse I don't have enough reputation for doing comments" --> Word Count (197)
 UserId="26477" Comment="explanation of matrix notation" --> Word Count (225)
 UserId="26486" --> Word Count (45)
 UserId="941" --> Word Count (71)
 UserId="26146" --> Word Count (148)
 UserId="816" --> Word Count (123)
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 UserId="26146" Comment="added 152 characters in body" --> Word Count (351)
 UserId="26146" Comment="format and spelling" --> Word Count (175)
 UserId="8501" Comment="clarify title" --> Word Count (12)
 UserId="-1" Comment="corrected spelling" Text="I'm currently trying to train a model on a large csv file (>70GB with more than 60 million rows). To do so I'm using tf.contrib.learn.read_batch_examples. 
I'm struggling in understanding how this function actually reads the data. If I'm using a batch size of e.g. 50.000, does it read the first 50.000 lines of the file? If I want to loop over the whole file (1 epoch) do I have to use num_rows/batch_size = 1.200 number of steps for the estimator.fit method?

Here is the input function im currently using:

 
 def input_fn(file_names, batch_size):
 # Read csv files and create examples dict
 examples_dict = read_csv_examples(file_names, batch_size)
 
 # Continuous features
 feature_cols = {k: tf.string_to_number(examples_dict[k],
 out_type=tf.float32) for k in CONTINUOUS_COLUMNS}
 
 # Categorical features
 feature_cols.update({
 k: tf.SparseTensor(
 indices=[[i, 0] for i in range(examples_dict[k].get_shape()[0])],
 values=examples_dict[k],
 shape=[int(examples_dict[k].get_shape()[0]), 1])
 for k in CATEGORICAL_COLUMNS})
 
 label = tf.string_to_number(examples_dict[LABEL_COLUMN], out_type=tf.int32)
 
 return feature_cols, label
 
 def read_csv_examples(file_names, batch_size):
 def parse_fn(record):
 record_defaults = [tf.constant([''], dtype=tf.string)] * len(COLUMNS)
 
 return tf.decode_csv(record, record_defaults)
 
 examples_op = tf.contrib.learn.read_batch_examples(
 file_names,
 batch_size=batch_size,
 queue_capacity=batch_size*2.5,
 reader=tf. --> Word Count (228)
 UserId="21" Comment="103" --> Word Count (2)
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 UserId="26522" --> Word Count (1)
 UserId="25755" --> Word Count (162)
 UserId="26522" Comment="added 190 characters in body" --> Word Count (68)
 UserId="26528" --> Word Count (57)
 UserId="26528" --> Word Count (3)
 UserId="26528" --> Word Count (1)
 UserId="816" --> Word Count (142)
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 UserId="23714" --> Word Count (1)
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 UserId="26519" --> Word Count (98)
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 UserId="8232" --> Word Count (7)
 UserId="8232" --> Word Count (1)
 UserId="15445" --> Word Count (115)
 UserId="5177" --> Word Count (186)
 UserId="25800" --> Word Count (92)
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 UserId="26146" --> Word Count (435)
 UserId="25429" Comment="added 165 characters in body" --> Word Count (261)
 UserId="5177" Comment="added 60 characters in body" --> Word Count (195)
 UserId="7952" Text="I am staying quite generic since you asked for enlightenment, just mentioning some possible directions that you can explore.

You have basically two possibilities:

 1. Classification of the text (Supervised learning).

Supervised means
 that you need first to externally apply labels (for example manually by humans) to examples of texts
 (labels could be "politics" or "show";) and then use one of the
 classification algorithms.
 You have extracted words from the text,
 so you could use a "bag of words" approach for classifying.
 There exist adaptations
 of classification algorithms (multi-label classification) in order to
 provide multiple labels (such as one text is labelled both with
 "music" and "movie").

 You can find text corpora already pre-labelled, to train the algorithm and partly avoid the manual effort. 

 2. Clustering the text, topic modelling (unsupervised learning).

In this case you do not need to provide examples with labels but the algorithm will cluster the texts according to parameters like the similarity of two texts or on keywords/topics extracted from the texts.

Although this method do not require labeled examples, the clusters you get as output will require fine tuning, e.g. number of clusters to produce, names of the clusters, etc.

Since you mentioned SKlearn, you can find some directions on their web site: [Text Feature Extraction][1]. 

Here is a comprehensive (bit older) summary: [Machine Learning in Automated --> Word Count (11)

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 UserId="25311" --> Word Count (1)
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 UserId="8501" Comment="improve title" --> Word Count (1)
 UserId="25311" Comment="Formatting" --> Word Count (150)
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 UserId="21433" --> Word Count (50)
 UserId="26519" --> Word Count (32)
 UserId="8501" Comment="improve title+tags" --> Word Count (10)
 UserId="8501" Comment="improve title+tags" --> Word Count (1)
 UserId="26562" --> Word Count (26)
 UserId="26591" --> Word Count (61)
 UserId="26596" Comment="improved formatting and fixed grammar" --> Word Count (142)
 UserId="26596" Comment="fixed grammar and spelling" --> Word Count (87)
 UserId="14779" --> Word Count (158)
 UserId="24696" Comment="added 26 characters in body" --> Word Count (102)
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 UserId="26606" --> Word Count (11)
 UserId="26606" --> Word Count (1)
 UserId="26600" --> Word Count (71)
 UserId="26596" Comment="fixed grammar" --> Word Count (149)
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 UserId="26608" --> Word Count (1)

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 UserId="26596" Comment="fixed grammar" --> Word Count (143)
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 UserId="1256" Comment="fixed grammar and spelling" --> Word Count (242)
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 UserId="26596" Comment="corrected grammar and spelling; modified formatting and title; added clarity" --> Word Count (112)
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 UserId="21525" --> Word Count (15)
 UserId="21525" --> Word Count (1)
 UserId="471" --> Word Count (176)
 UserId="26596" --> Word Count (96)
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 UserId="25755" --> Word Count (138)
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 UserId="13235" --> Word Count (1)
 UserId="13235" Comment="added 26 characters in body" --> Word Count (256)
 UserId="26596" Comment="fixed grammar and spelling; corrected title; added tags; improved clarity of question without changing intent; improved formatting" --> Word Count (120)
 UserId="26596" Comment="fixed grammar and spelling; corrected title; added tags; improved clarity of question without changing intent; improved formatting" -->

Word Count (7)

UserId="26596" Comment="fixed grammar and spelling; corrected title; added tags; improved clarity of question without changing intent; improved formatting" -->

Word Count (1)

UserId="12515" --> Word Count (132)

UserId="12515" --> Word Count (4)

UserId="12515" --> Word Count (1)

UserId="12515" Comment="added 148 characters in body" --> Word Count (138)

UserId="26562" --> Word Count (55)

UserId="13235" Comment="added 61 characters in body" --> Word Count (264)

UserId="17310" --> Word Count (65)

UserId="17310" --> Word Count (9)

UserId="17310" --> Word Count (1)

UserId="14707" --> Word Count (23)

UserId="9728" --> Word Count (139)

UserId="16201" --> Word Count (244)

UserId="16201" --> Word Count (11)

UserId="16201" --> Word Count (1)

UserId="26856" --> Word Count (91)

UserId="26856" --> Word Count (11)

UserId="26856" --> Word Count (1)

UserId="3024" --> Word Count (137)

UserId="20585" --> Word Count (41)

UserId="20585" --> Word Count (16)

UserId="20585" --> Word Count (1)

UserId="25800" --> Word Count (124)

UserId="26858" --> Word Count (217)

UserId="26858" --> Word Count (9)

UserId="26858" --> Word Count (1)

UserId="26643" --> Word Count (88)

UserId="26867" --> Word Count (54)

UserId="26867" Text=" --> Word Count (3)

UserId="26867" --> Word Count (1)

UserId="26869" --> Word Count (87)

UserId="26869" --> Word Count (17)

UserId="26869" --> Word Count (1)

UserId="26870" --> Word Count (165)

UserId="26870" --> Word Count (6)

UserId="26870" --> Word Count (1)

UserId="26800" --> Word Count (139)

UserId="26800" --> Word Count (3)

UserId="26800" --> Word Count (1)

UserId="836" --> Word Count (269)

UserId="836" Comment="put goal of project in title, because there are very many types of deep learning project" --> Word Count (7)

UserId="836" Comment="put goal of project in title, because there are very many types of deep learning project" --> Word Count (1)

UserId="836" Comment="added 215 characters in body" --> Word Count (306)

UserId="10620" --> Word Count (49)
 UserId="12558" --> Word Count (67)
 UserId="20517" --> Word Count (12)
 UserId="26872" --> Word Count (86)
 UserId="26872" --> Word Count (6)
 UserId="26872" --> Word Count (1)
 UserId="836" Comment="Removed "tutorial" from title and simplified tags to prevent this looking like "show me a tutorial" question" --> Word Count (93)
 UserId="836" Comment="Removed "tutorial" from title and simplified tags to prevent this looking like "show me a tutorial" question" --> Word Count (6)
 UserId="836" Comment="Removed "tutorial" from title and simplified tags to prevent this looking like "show me a tutorial" question" --> Word Count (1)
 UserId="24945" --> Word Count (81)
 UserId="26881" --> Word Count (172)
 UserId="26881" --> Word Count (9)
 UserId="26881" --> Word Count (1)
 UserId="14360" --> Word Count (50)
 UserId="14360" --> Word Count (11)
 UserId="14360" --> Word Count (1)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="25755" Comment="added 466 characters in body" --> Word Count (211)
 UserId="25157" Comment="Improved formatting, fixed grammar" --> Word Count (197)
 UserId="25157" Comment="Improved formatting, fixed grammar" --> Word Count (6)
 UserId="25800" --> Word Count (18)
 UserId="24245" --> Word Count (221)
 UserId="24245" --> Word Count (11)
 UserId="24245" --> Word Count (1)
 UserId="9728" Comment="added 28 characters in body" --> Word Count (182)
 UserId="26649" --> Word Count (58)
 UserId="26649" --> Word Count (9)
 UserId="26649" --> Word Count (1)
 UserId="26562" --> Word Count (76)
 UserId="17696" --> Word Count (130)
 UserId="1077" --> Word Count (852)
 UserId="8560" --> Word Count (47)
 UserId="8560" --> Word Count (57)
 UserId="8560" --> Word Count (37)
 UserId="14779" --> Word Count (450)
 UserId="25104" Comment="small mistake with h which should be h'." --> Word Count (452)
 UserId="26896" --> Word Count (48)
 UserId="14360" Comment="This is the snippet of the code to load the images and test it." --> Word Count (227)
 UserId="25104" --> Word Count (75)

UserId="26181" --> Word Count (31)
 UserId="26181" --> Word Count (7)
 UserId="26181" --> Word Count (1)
 UserId="26562" Comment="improved readability" --> Word Count (55)
 UserId="26898" --> Word Count (71)
 UserId="26898" --> Word Count (4)
 UserId="26898" --> Word Count (1)
 UserId="14904" --> Word Count (25)
 UserId="26898" Comment="edited title" --> Word Count (4)
 UserId="26141" --> Word Count (53)
 UserId="26863" --> Word Count (25)
 UserId="26902" --> Word Count (449)
 UserId="26902" --> Word Count (10)
 UserId="26902" --> Word Count (1)
 UserId="16211" --> Word Count (4)
 UserId="14779" Comment="Notes on energy function and stochasticity of neurons."
 --> Word Count (688)
 UserId="8560" Comment="added 666 characters in body" --> Word Count (169)
 UserId="14779" --> Word Count (31)
 UserId="14779" --> Word Count (163)
 UserId="26907" --> Word Count (21)
 UserId="14779" Comment="corrected spelling " --> Word Count (688)
 UserId="26896" Comment="edited body" --> Word Count (48)
 UserId="26562" Comment="clarity" --> Word Count (77)
 UserId="9053" --> Word Count (289)
 UserId="9053" --> Word Count (4)
 UserId="9053" --> Word Count (1)
 UserId="26903" --> Word Count (68)
 UserId="26903" --> Word Count (12)
 UserId="26903" --> Word Count (1)
 UserId="14906" --> Word Count (494)
 UserId="17310" --> Word Count (123)
 UserId="17310" --> Word Count (5)
 UserId="17310" --> Word Count (1)
 UserId="26856" Comment="added 699 characters in body" --> Word Count (204)
 UserId="23305" Comment="added online learning and streaming with xgboost" -->
 Word Count (188)
 UserId="23305" Comment="added sklearn docu" --> Word Count (216)
 UserId="26917" --> Word Count (16)
 UserId="9728" --> Word Count (99)
 UserId="9123" Comment="deleted 1 character in body" --> Word Count (45)
 UserId="17696" --> Word Count (75)
 UserId="9728" --> Word Count (134)
 UserId="9728" --> Word Count (14)
 UserId="9728" --> Word Count (1)
 UserId="21" Comment="105" --> Word Count (2)
 UserId="14779" --> Word Count (79)
 UserId="26872" --> Word Count (89)

UserId="26872" --> Word Count (8)
UserId="26872" --> Word Count (1)
UserId="9728" Comment="edited title" --> Word Count (15)
UserId="18540" --> Word Count (261)
UserId="14906" --> Word Count (297)
UserId="25824" --> Word Count (319)
UserId="25824" --> Word Count (2)
UserId="25824" --> Word Count (1)
UserId="16853" --> Word Count (416)
UserId="16853" Comment="added 173 characters in body" --> Word Count (447)
UserId="26941" --> Word Count (27)
UserId="26941" --> Word Count (10)
UserId="26941" --> Word Count (1)
UserId="21" --> Word Count (74)
UserId="21" --> Word Count (45)
UserId="24968" --> Word Count (38)
UserId="25800" --> Word Count (74)
UserId="24968" --> Word Count (132)
UserId="23305" Comment="tried to narrow question to software stack of big tech companies" --> Word Count (103)
UserId="23305" Comment="tried to narrow question to software stack of big tech companies" --> Word Count (1)
UserId="26953" --> Word Count (103)
UserId="26953" --> Word Count (7)
UserId="26953" --> Word Count (1)
UserId="-1" Comment="Scheduled: RemoveRejectedMigrations" --> Word Count (1)
UserId="26955" --> Word Count (76)
UserId="26955" --> Word Count (11)
UserId="26955" --> Word Count (1)
UserId="26872" --> Word Count (294)
UserId="26872" --> Word Count (11)
UserId="26872" --> Word Count (1)
UserId="381" Comment="added 50 characters in body" --> Word Count (150)
UserId="26956" --> Word Count (199)
UserId="26956" --> Word Count (3)
UserId="26956" --> Word Count (1)
UserId="2573" --> Word Count (237)
UserId="26649" --> Word Count (85)
UserId="26649" --> Word Count (7)
UserId="26649" --> Word Count (1)
UserId="14906" --> Word Count (375)
UserId="20492" --> Word Count (200)
UserId="14906" --> Word Count (453)
UserId="26967" --> Word Count (171)
UserId="26967" --> Word Count (9)
UserId="26967" --> Word Count (1)
UserId="17484" --> Word Count (121)
UserId="17484" --> Word Count (8)

UserId="17484" --> Word Count (1)
 UserId="17484" Comment="added 5 characters in body" --> Word Count (122)
 UserId="15685" Text="Which version are you running? Does the same happen on the 0.2.2 version released a few days ago (note that for 0.2.2 you need also the newest version of Orange; i.e 3.3.9)?

It looks like you're not doing anything wrong but rather that this is a bug. If you could paste the whole error log, perhaps also a schema and a sample of the data if possible, along with the version of Orange and Orange3- --> Word Count (15)
 UserId="12558" Text="If you don't have labeled data, Word2vec can be one solution.

Perhaps have a look at [FastText unsupervised][1] (recently released by Facebook) which is similar but uses character n-grams. Character n-grams helps to take into account the morphology, is more robust to typos and make it possible to compute vectors for unknown words.


 [1]: <https://github.com/facebookresearch/fast> --> Word Count (1)
 UserId="12558" --> Word Count (134)
 UserId="24968" --> Word Count (57)
 UserId="26976" --> Word Count (43)
 UserId="26976" --> Word Count (4)
 UserId="26976" --> Word Count (1)
 UserId="26976" --> Word Count (45)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="10517" Comment="formatted code" --> Word Count (231)
 UserId="9634" --> Word Count (28)
 UserId="13235" --> Word Count (494)
 UserId="13235" --> Word Count (7)
 UserId="13235" --> Word Count (1)
 UserId="13235" Comment="added 127 characters in body" --> Word Count (494)
 UserId="12595" --> Word Count (158)
 UserId="12595" --> Word Count (6)
 UserId="12595" --> Word Count (1)
 UserId="13235" Comment="added 1488 characters in body" --> Word Count (826)
 UserId="26724" --> Word Count (357)
 UserId="26999" --> Word Count (40)
 UserId="26724" --> Word Count (146)
 UserId="27000" --> Word Count (130)
 UserId="27000" --> Word Count (3)
 UserId="27000" --> Word Count (1)
 UserId="27000" Comment="made question clear" --> Word Count (178)
 UserId="27000" Comment="made question clear" --> Word Count (5)
 UserId="836" --> Word Count (364)
 UserId="26724" Comment="fixed grammar" --> Word Count (146)
 UserId="13235" Comment="edited title" --> Word Count (6)
 UserId="17484" Comment="added 17 characters in body" --> Word Count (125)
 UserId="25217" --> Word Count (77)
 UserId="25217" --> Word Count (82)
 UserId="27002" --> Word Count (446)
 UserId="27002" --> Word Count (10)

UserId="27002" --> Word Count (1)
 UserId="27003" --> Word Count (294)
 UserId="27003" --> Word Count (9)
 UserId="27003" --> Word Count (1)
 UserId="27003" Comment="added 243 characters in body" --> Word Count (336)
 UserId="13235" Comment="deleted 1506 characters in body" --> Word Count (504)
 UserId="27007" --> Word Count (122)
 UserId="27007" --> Word Count (3)
 UserId="27007" --> Word Count (1)
 UserId="9634" Comment="Added NeuPy library to the lits of libraries" --> Word Count (247)
 UserId="27010" --> Word Count (114)
 UserId="27010" --> Word Count (20)
 UserId="27010" --> Word Count (1)
 UserId="27011" --> Word Count (168)
 UserId="27011" --> Word Count (8)
 UserId="27011" --> Word Count (1)
 UserId="13235" Comment="added 182 characters in body" --> Word Count (520)
 UserId="17208" --> Word Count (163)
 UserId="17208" --> Word Count (13)
 UserId="17208" --> Word Count (1)
 UserId="14675" --> Word Count (89)
 UserId="27019" --> Word Count (241)
 UserId="27019" --> Word Count (4)
 UserId="27019" --> Word Count (1)
 UserId="2647" --> Word Count (113)
 UserId="2647" --> Word Count (8)
 UserId="2647" --> Word Count (1)
 UserId="26562" --> Word Count (66)
 UserId="8501" --> Word Count (221)
 UserId="9191" Comment="added 305 characters in body" --> Word Count (85)
 UserId="9191" Comment="added 4 characters in body" --> Word Count (86)
 UserId="15325" --> Word Count (193)
 UserId="15325" --> Word Count (8)
 UserId="15325" --> Word Count (1)
 UserId="15325" Comment="added 16 characters in body" --> Word Count (185)
 UserId="25800" --> Word Count (167)
 UserId="14675" --> Word Count (132)
 UserId="25217" --> Word Count (93)
 UserId="8501" Comment="clarify title" --> Word Count (72)
 UserId="8501" Comment="clarify title" --> Word Count (13)
 UserId="8501" Comment="clarify title" --> Word Count (1)
 UserId="8501" Comment="clarify title+text" --> Word Count (229)
 UserId="8501" Comment="clarify title+tags" --> Word Count (12)
 UserId="8501" Comment="clarify title+tags" --> Word Count (1)
 UserId="8501" Comment="Retitle sklearn RandomForestRegressor oob_score_" --> Word Count (5)
 UserId="8501" Comment="Retitle sklearn RandomForestRegressor oob_score_" -->

Word Count (1)
 UserId="8501" Comment="clarify title" --> Word Count (9)
 UserId="26394" --> Word Count (203)
 UserId="25824" --> Word Count (118)
 UserId="25824" --> Word Count (10)
 UserId="25824" --> Word Count (1)
 UserId="27043" --> Word Count (57)
 UserId="27043" --> Word Count (9)
 UserId="27043" --> Word Count (1)
 UserId="24011" --> Word Count (197)
 UserId="24011" --> Word Count (8)
 UserId="24011" --> Word Count (1)
 UserId="25766" --> Word Count (91)
 UserId="25766" --> Word Count (7)
 UserId="25766" --> Word Count (1)
 UserId="20517" --> Word Count (85)
 UserId="381" Comment="added 84 characters in body; edited tags" --> Word Count (277)
 UserId="381" Comment="added 84 characters in body; edited tags" --> Word Count (1)
 UserId="381" --> Word Count (26)
 UserId="25157" Comment="Typo, grammar" --> Word Count (118)
 UserId="25157" Comment="Typo, grammar" --> Word Count (10)
 UserId="25779" --> Word Count (64)
 UserId="25779" --> Word Count (7)
 UserId="25779" --> Word Count (1)
 UserId="23305" --> Word Count (77)
 UserId="23305" Comment="another typo" --> Word Count (77)
 UserId="434" --> Word Count (241)
 UserId="26163" --> Word Count (61)
 UserId="26163" --> Word Count (9)
 UserId="26163" --> Word Count (1)
 UserId="25755" --> Word Count (117)
 UserId="26163" Comment="added 177 characters in body" --> Word Count (86)
 UserId="9728" --> Word Count (794)
 UserId="27065" --> Word Count (49)
 UserId="27065" --> Word Count (4)
 UserId="27065" --> Word Count (1)
 UserId="9420" Comment="edited numbers to better reflect the problem." --> Word Count (277)
 UserId="9420" Comment="edited numbers to better reflect the problem." --> Word Count (277)
 UserId="27066" --> Word Count (81)
 UserId="9420" Comment="deleted 1 character in body" --> Word Count (277)
 UserId="14738" --> Word Count (35)
 UserId="13100" --> Word Count (90)
 UserId="13100" --> Word Count (5)
 UserId="13100" --> Word Count (1)

UserId="13100" --> Word Count (44)
 UserId="13100" --> Word Count (4)
 UserId="13100" --> Word Count (1)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="434" Comment="Linked to dataset to clarify the question." --> Word Count (54)
 UserId="836" Comment="Better tags, and identify dataset by other than the code word" --> Word Count (12)
 UserId="836" Comment="Better tags, and identify dataset by other than the code word" --> Word Count (1)
 UserId="836" Comment="Better tags, and identify dataset by other than the code word" --> Word Count (71)
 UserId="381" --> Word Count (85)
 UserId="381" Comment="added 68 characters in body" --> Word Count (102)
 UserId="15056" --> Word Count (202)
 UserId="15056" --> Word Count (6)
 UserId="15056" --> Word Count (1)
 UserId="381" --> Word Count (60)
 UserId="15056" Comment="added 170 characters in body" --> Word Count (231)
 UserId="21" --> Word Count (3)
 UserId="25157" Comment="Fixed grammar, used proper vocabulary to avoid confusion, improved formatting" --> Word Count (129)
 UserId="25157" Comment="Fixed grammar, used proper vocabulary to avoid confusion, improved formatting" --> Word Count (7)
 UserId="25157" Comment="Fixed grammar, used proper vocabulary to avoid confusion, improved formatting" --> Word Count (1)
 UserId="836" --> Word Count (157)
 UserId="27094" --> Word Count (29)
 UserId="27094" --> Word Count (5)
 UserId="27094" --> Word Count (1)
 UserId="23305" Comment="added 291 characters in body" --> Word Count (130)
 UserId="25611" --> Word Count (107)
 UserId="25611" --> Word Count (8)
 UserId="25611" --> Word Count (1)
 UserId="25755" --> Word Count (55)
 UserId="26394" --> Word Count (168)
 UserId="26394" Comment="edited body" --> Word Count (168)
 UserId="10163" --> Word Count (74)
 UserId="10163" --> Word Count (5)
 UserId="10163" --> Word Count (1)
 UserId="27093" --> Word Count (300)
 UserId="27093" --> Word Count (11)
 UserId="27093" --> Word Count (1)
 UserId="836" --> Word Count (125)
 UserId="836" Comment="added 592 characters in body" --> Word Count (266)
 UserId="16201" --> Word Count (76)
 UserId="11007" --> Word Count (15)
 UserId="25755" Comment="added 256 characters in body" --> Word Count (86)

UserId="21" Comment="104" --> Word Count (2)
 UserId="25755" Comment="deleted 10 characters in body" --> Word Count (85)
 UserId="25755" Comment="I've added links answering all of his questions more thoroughly" --> Word Count (303)
 UserId="836" Comment="added 128 characters in body" --> Word Count (286)
 UserId="381" --> Word Count (596)
 UserId="381" Comment="added 7029 characters in body" Text="Your problem is studied under the rubric of [Image \(Quality\) assessment](https://en.wikipedia.org/wiki/Image_quality) (https://en.wikipedia.org/wiki/Image_quality) and, more specifically, [document image assessment](https://pdfs.semanticscholar.org/0970/c10b5af6c5bbaeedf5d696c3c355aaa97959.pdf). Here are links to and abstracts from some relevant surveys: [\[Document Image Quality Assessment: A Brief Survey\]](https://pdfs.semanticscholar.org/0970/c10b5af6c5bbaeedf5d696c3c355aaa97959.pdf) (<https://pdfs.semanticscholar.org/0970/c10b5af6c5bbaeedf5d696c3c355aaa97959.pdf>) [\[Subjective and Objective Quality Assessment of Image: A Survey\]](https://www.researchgate.net/profile/Abbas_Ebrahimi-Moghadam/publication/263544805_Subjective_and_Objective_Quality_Assessment_of_Image_A_Survey/links/567fd91608ae1e63f1e9358e.pdf) (https://www.researchgate.net/profile/Abbas_Ebrahimi-Moghadam/publication/263544805_Subjective_and_Objective_Quality_Assessment_of_Image_A_Survey/links/567fd91608ae1e63f1e9358e.pdf) [\[No-reference image quality assessment algorithms: A survey\]](https://www.researchgate.net/profile/Vipin_Kamble3/publication/2762715) (https://www.researchgate.net/profile/Vipin_Kamble3/publication/2762715)
 To maintain, control and enhance the quality of document images and minimize the negative impact of degradations on various analysis and processing systems, it is critical to understand the types and sources of degradations and develop reliable methods for estimating the levels of degradations. This paper provides a brief survey of research on the topic of document image quality assessment. We first present a detailed analysis of the types and sources of document degradations. We then review techniques for document image degradation modeling. Finally, we discuss objective measures and subjective experiments that are used to characterize document image quality. [\[Subjective and Objective Quality Assessment of Image: A Survey\]](https://www.researchgate.net/profile/Vipin_Kamble3/publication/2762715) (https://www.researchgate.net/profile/Vipin_Kamble3/publication/2762715)
 With the increasing demand for image-based applications, the efficient and reliable evaluation of image quality has increased in importance. Measuring the image quality is of fundamental importance for numerous image processing applications, where the goal of image quality assessment (IQA) methods is to automatically evaluate the quality of images in agreement with human quality judgments. Numerous IQA methods have been proposed over the past years to fulfill this goal. In this paper, a survey of the quality assessment methods for conventional image signals, as well as the newly emerged ones, which includes the high dynamic range (HDR) and 3-D images, is presented. A comprehensive explanation of the subjective and objective IQA and their classification is provided. Six widely used subjective quality datasets, and performance measures are reviewed. Emphasis is given to the full-reference image quality assessment (FR-IQA) methods, and 9 often-used quality measures (including mean squared error (MSE), structural similarity index (SSIM), multi-scale structural similarity index (MS-SSIM), visual information fidelity (VIF), most apparent distortion (MAD), feature similarity measure (FSIM), feature similarity measure for color images (FSIMC), dynamic range independent measure (DRIM), and tone-mapped images quality index (TMQI)) are carefully described, and their performance and computation time on four subjective quality datasets are evaluated. Furthermore, a brief introduction to 3-D IQA is provided and the issues related to this area of research are reviewed. [\[No-reference image quality assessment algorithms: A survey\]](https://www.researchgate.net/profile/Vipin_Kamble3/publication/2762715) (https://www.researchgate.net/profile/Vipin_Kamble3/publication/2762715)

41_No-reference_image_quality_assessment_algorithms_A_survey/links/5726d3d208ae262228b21594.pdf)
> valuation of noise content or distortions present in an image is same as assessing the quality of an image. Measurement of such quality index is challenging in the absence of reference image. In this paper, a survey of existing algorithms for no-reference image quality assessment is presented. This survey includes type of noise and distortions covered, techniques and parameters used by these algorithms, databases on which the algorithms are validated and benchmarking of their performance with each other and also with human visual system.

[Objective image quality assessment: a survey](<http://www.tandfonline.com/doi/abs/10.1080/00207160.2013.816415>)
> Image quality assessment (IQA) is critically important for the image-processing field. IQA aims to build a computational model to predict human perceived image quality, accurately and automatically. Until now, great efforts have been employed to design IQA metrics. In this paper, we systematically and comprehensively review the fundamental, brief history, and state-of-the-art developments of IQA, with emphasis on natural image quality assessment (NIQA). First, the definition of image quality is discussed, which contains three aspects and lead to different philosophies of designing IQA metrics. Afterwards, classic NIQA metrics are presented with some further discussions. Widely used databases and the performances of classic NIQA metrics on them are also listed. We highlight the most significant works and some open issues about the developments of IQA, and provide the benchmarks for the researchers and scholars who work on

IQA.

<hr>
Research papers specifically on document image assessment

[Document Image Quality Assessment Using Discriminative Sparse Representation](https://www.researchgate.net/profile/Xujun_Peng/publication/286929531_Document_Image_Quality_Assessment_Using_Discriminative_Sparse_Representation/links/5714643d08aeebe07c064296.pdf)
> The goal of document image quality assessment (DIQA) is to build a computational model which can predict the degree of degradation for document images. Based on the estimated quality scores, the immediate feedback can be provided by document processing and analysis systems, which helps to maintain, organize, recognize and retrieve the information from document images. Recently, the bag-of-visual-words (BoV) based approaches have gained increasing attention from researchers to fulfill the task of quality assessment, but how to use BoV to represent images more accurately is still a challenging problem. In this paper, we propose to utilize a sparse representation based method to estimate document image's quality with respect to the OCR capability. Unlike the conventional sparse representation approaches, we introduce the target quality scores into the training phase of sparse representation. The proposed method improves the discriminability of the system and ensures the obtained codebook is more suitable for our assessment task. The experimental results on a public dataset show that the proposed method outperforms other hand-crafted and BoV based DIQA approaches.

[Discrete Orthogonal Moments Based Framework for Assessing Blurriness of Camera Captured Document Images](http://link.springer.com/chapter/10.1007/978-3-319-30348-2_18)
> One of the most widely used tasks in the area of image processing is automated processing of documents, which is done using Optical Character Readers (OCR) from document images. The

most common form of distortion in document images is blur which can be caused by defocus, motion, camera shake etc. In this paper we propose a no reference image sharpness measure framework using discrete orthogonal moments and image gradients for assessing quality of document images and validated the results against state of the art image sharpness measures and accuracy of three well known Optical Character Readers.

[Document Image Quality Assessment Based on Texture Similarity Index](https://www.researchgate.net/profile/Alireza_Alaei/publication/303950933_Document_Image_Quality_Assessment_Based_o_n_ --> Word Count (616)

UserId="25157" --> Word Count (202)

UserId="25157" Comment="More complete answer" --> Word Count (275)

UserId="25157" --> Word Count (383)

UserId="25157" Comment="Corrected some grammar to make the question easier to understand + some formatting" --> Word Count (807)

UserId="25755" Comment="I've added a little more precision that yields a more acceptable answer" --> Word Count (30)

UserId="25755" Comment="Realized some of my language may have sounded rude, fixed it." --> Word Count (298)

UserId="25157" --> Word Count (135)

UserId="27129" --> Word Count (110)

UserId="27129" --> Word Count (8)

UserId="27129" --> Word Count (1)

UserId="25157" Comment="Added a useful reference" --> Word Count (188)

UserId="23305" --> Word Count (116)

UserId="27130" Comment="minor typo" --> Word Count (117)

UserId="23305" Comment="typo" --> Word Count (118)

UserId="27129" Comment="small typo" --> Word Count (118)

UserId="27135" --> Word Count (142)

UserId="27135" --> Word Count (4)

UserId="27135" --> Word Count (1)

UserId="27129" Comment="edited tags" --> Word Count (1)

UserId="434" --> Word Count (2)

UserId="9191" Comment="edited title" --> Word Count (9)

UserId="9191" Comment="added 605 characters in body" --> Word Count (275)

UserId="10517" --> Word Count (108)

UserId="25755" Comment="added 37 characters in body" --> Word Count (305)

UserId="14372" Comment="Updated post with more information" --> Word Count (81)

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UserId="25755" Comment="edited body" --> Word Count (305)

UserId="25755" --> Word Count (167)

UserId="14675" Comment="added 2 characters in body" --> Word Count (103)

UserId="8365" Comment="Using the right Norm Operator." --> Word Count (126)

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 UserId="27189" --> Word Count (1)
 UserId="27172" --> Word Count (69)
 UserId="18139" --> Word Count (23)
 UserId="18139" --> Word Count (4)
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Count (1)
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 Count (8)
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 Count (330)
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 UserId="16853" Comment="added 270 characters in body" --> Word Count (261)
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 UserId="26856" Comment="added 259 characters in body" --> Word Count (149)
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 UserId="26562" Comment="added overfitting explanation in this context" --> Word
 Count (218)
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 UserId="27229" --> Word Count (92)
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 UserId="24895" --> Word Count (7)
 UserId="24895" --> Word Count (1)
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 UserId="13727" --> Word Count (183)
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 UserId="27129" Comment="edited tags" --> Word Count (1)
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 UserId="27250" --> Word Count (11)
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UserId="26562" Comment="added 341 characters in body" --> Word Count (141)
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 UserId="24077" Comment="via Vote" --> Word Count (2)
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 UserId="27358" Text="Take a look at the

[polyglot](<http://polyglot.readthedocs.io/en/latest/Sentiment.html>) library. It has polarity lexicons for 136 languages, including Russian. The scale of the words' polarity consisted of three degrees: +1 for positive words, and -1 for negatives words. Neutral words will have a score of 0. You can use it like this: from polyglot.text import

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--> Word Count (302)
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UserId="9123" --> Word Count (58)
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UserId="27200" --> Word Count (83)
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UserId="21608" --> Word Count (59)
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UserId="26394" --> Word Count (158)
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UserId="25218" Comment="relevant tags added." --> Word Count (1)
UserId="27420" --> Word Count (188)
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UserId="27421" --> Word Count (232)
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UserId="27435" --> Word Count (10)
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UserId="27436" --> Word Count (88)

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UserId="26394" Comment="added 792 characters in body" --> Word Count (327)
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UserId="18429" Text="**Short Version:** How do I get renderUI to react to a
drop-down list that is in a wellPanel that contains a submitButton *without
having to click the submitButton*?&#xD;&#xA;&#xD;&#xA;**Long Version:** I am
building a Shiny app to perform many different analyses on a large dataset. The
user will select their analysis from a drop-down list at the top of a wellPanel.
Depending on the analysis selected, I'd like to provide a different set of
additional inputs/filters in the wellPanel with a submitButton at the
bottom.&#xD;&#xA;&#xD;&#xA;I would like the user to have to change the dynamic
inputs, then click the submitButton for their inputs to take effect. However, I
want the renderUI function to react to the drop-down list at the top *without*
the submitButton being clicked. From what I've read, I think I need to use
observeEvent or something similar, but I can't figure it
out.&#xD;&#xA;&#xD;&#xA;Here is a simplified version of what I'm building.
Changing the drop-down list selection and clicking submit will change the
inputs. Submit will also change the text rendered on the right. However, I need
to uncouple the dynamic UI from the submit button. Any help is much
appreciated.&#xD;&#xA;&#xD;&#xA;ui.r:&#xD;&#xA;&#xD;&#xA;library(shiny)
&#xD;&#xA;&#xD;&#xA;ui <- fluidPage(&#xD;&#xA;fluidRow(&#xD;&#xA;
column(4,wellPanel(&#xD;&#xA;selectInput(&quot;analysis&quot;,
label = &quot;Type of Analysis:&quot;, &#xD;&#xA;
c(&quot;Award Total&quot; = &quot;total&quot;, &#xD;&#xA;
&quot;Award Average&quot; = &quot;average&quot;),&#xD;&#xA;
width = validateCssUnit(&quot;70%&quot;)),&#xD;&#xA;
uiOutput(&quot;filter_box&quot;)),&#xD;&#xA;
submitButton(&#xD;&#xA;)),&#xD;&#xA;column(8,
textOutput(&quot;sample_text&quot;))&#xD;&#xA;)&#xD;&#xA;
)&#xD;&#xA;&#xD;&#xA;server.r:&#xD;&#xA;&#xD;&#xA;shinyServer(function(input, output) {&#xD;&#xA;
output$filter_box <- renderUI({&#xD;&#xA;if(input$analysis ==
&quot;total&quot;){&#xD;&#xA;tagList(radioButtons(inputId =
&quot;input1&quot;, label = &quot;Select One:&quot;,c(&quot;A&quot;,
&quot;B&quot;, &quot;C&quot;), selected = &quot;A&quot;))&#xD;&#xA;} else
{&#xD;&#xA;tagList(checkboxGroupInput(inputId = &quot;input2&quot;, label
= &quot;Select all that apply:&quot;,c(&quot;1&quot;,&quot;2&quot;,&quot;3&quot;,
&quot;4&quot;,&quot;5&quot;)),&#xD;&#xA;dateRangeInput(inputId =
&quot;input3&quot;, label = &quot;Enter Date Range&quot;))&#xD;&#xA;
}&#xD;&#xA;})&#xD;&#xA;&#xD;&#xA;output$sample_text <- render
--> Word Count (45)

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 UserId="12384" Comment="fixed layout of question" --> Word Count (323)
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UserId="12384" Comment="fixed typo in code" --> Word Count (253)
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 UserId="471" Comment="format code" --> Word Count (92)
 UserId="27581" --> Word Count (91)
 UserId="21044" Comment="added 3993 characters in body" --> Word Count (1393)
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 UserId="27250" Comment="grammer" --> Word Count (218)
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 UserId="27607" --> Word Count (1)
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 UserId="26163" --> Word Count (66)
 UserId="26163" --> Word Count (4)
 UserId="26163" --> Word Count (1)
 UserId="14372" Comment="Fixed grammar" --> Word Count (73)
 UserId="8820" Comment="added 123 characters in body" --> Word Count (218)
 UserId="8820" Comment="added 63 characters in body" --> Word Count (228)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="13727" --> Word Count (380)
 UserId="27613" --> Word Count (16)
 UserId="27614" --> Word Count (90)
 UserId="27614" --> Word Count (17)
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UserId="836" Comment="adjust spelling, grammar and presentation" --> Word Count (140)
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 UserId="836" Comment="edited body" --> Word Count (337)
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 UserId="27624" --> Word Count (6)
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 UserId="12527" Comment="added an excerpt corresponding to the mentioned tags, to refocus the context" --> Word Count (93)
 UserId="12527" Comment="added an excerpt corresponding to the mentioned tags, to refocus the context" --> Word Count (7)
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 UserId="27626" --> Word Count (5)
 UserId="27626" --> Word Count (1)
 UserId="21608" --> Word Count (77)
 UserId="27250" Comment="strike out bullet 1 and add 1.1" --> Word Count (288)
 UserId="27627" --> Word Count (1822)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="21" --> Word Count (2)
 UserId="13413" Comment="Clarified the question. This is a good question, it was just poorly framed." --> Word Count (83)
 UserId="13413" Comment="Clarified the question. This is a good question, it was just poorly framed." --> Word Count (9)
 UserId="23511" --> Word Count (121)
 UserId="23511" --> Word Count (6)
 UserId="23511" --> Word Count (1)
 UserId="836" --> Word Count (85)
 UserId="836" Comment="added 349 characters in body" --> Word Count (139)
 UserId="8560" --> Word Count (303)
 UserId="8560" --> Word Count (3)
 UserId="8560" --> Word Count (1)
 UserId="27250" --> Word Count (26)
 UserId="27632" --> Word Count (88)
 UserId="8560" Comment="edited tags" --> Word Count (1)
 UserId="27632" --> Word Count (32)
 UserId="27632" --> Word Count (32)
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 UserId="27581" --> Word Count (46)
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 UserId="13165" --> Word Count (148)
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 UserId="8820" --> Word Count (10)
 UserId="8820" --> Word Count (1)
 UserId="26562" --> Word Count (91)
 UserId="8560" --> Word Count (389)
 UserId="8560" --> Word Count (415)
 UserId="23305" --> Word Count (83)
 UserId="26562" Comment="added 7 characters in body" --> Word Count (92)
 UserId="8560" --> Word Count (203)
 UserId="2975" --> Word Count (106)
 UserId="13002" --> Word Count (292)
 UserId="9728" --> Word Count (144)
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 UserId="27641" --> Word Count (1)
 UserId="26163" --> Word Count (112)
 UserId="26163" --> Word Count (8)
 UserId="26163" --> Word Count (1)
 UserId="25800" Comment="added 109 characters in body" --> Word Count (42)
 UserId="21608" --> Word Count (108)
 UserId="13727" --> Word Count (108)
 UserId="13002" --> Word Count (134)
 UserId="27645" --> Word Count (111)
 UserId="27645" --> Word Count (10)
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UserId="19161" --> Word Count (84)
UserId="19161" Comment="edited body" --> Word Count (84)
UserId="26163" --> Word Count (84)
UserId="26163" --> Word Count (8)
UserId="26163" --> Word Count (1)
UserId="26163" Comment="added 56 characters in body" --> Word Count (94)
UserId="27432" --> Word Count (95)
UserId="27432" --> Word Count (142)
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UserId="27668" --> Word Count (10)
UserId="27668" --> Word Count (1)
UserId="27668" Comment="added 1 character in body" --> Word Count (69)
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UserId="24742" --> Word Count (90)
UserId="17618" --> Word Count (79)
UserId="27432" --> Word Count (122)
UserId="27426" --> Word Count (157)
UserId="27682" --> Word Count (23)
UserId="27682" --> Word Count (4)

UserId="27682" --> Word Count (1)
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 UserId="27551" --> Word Count (117)
 UserId="27003" --> Word Count (335)
 UserId="27003" --> Word Count (14)
 UserId="27003" --> Word Count (1)
 UserId="8820" --> Word Count (314)
 UserId="27003" Comment="Improved formatting" --> Word Count (26)
 UserId="27003" Comment="Improved formatting" --> Word Count (4)
 UserId="23305" --> Word Count (197)
 UserId="27632" --> Word Count (68)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="8560" Comment="Improve latex typesetting." --> Word Count (688)
 UserId="23305" Comment="make indicator variable clearer" --> Word Count (41)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="27632" --> Word Count (108)
 UserId="23305" Comment="added 3 characters in body" --> Word Count (197)
 UserId="26939" --> Word Count (136)
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 UserId="26939" --> Word Count (1)
 UserId="8560" Comment="added 126 characters in body" --> Word Count (520)
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 UserId="23305" Comment="make clear that points remain fixed (but arbitrary)" --> Word Count (202)
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 UserId="23305" Comment="added label" --> Word Count (1)
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 UserId="25174" --> Word Count (102)
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 UserId="26562" Comment="minor grammatical changes" --> Word Count (135)
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 UserId="20492" Comment="Input data set can be read using `pd.read_clipboard()`"
 --> Word Count (269)
 UserId="21749" --> Word Count (43)
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UserId="27616" Comment="deleted 123 characters in body" --> Word Count (302)
 UserId="27756" Comment="Added solution" --> Word Count (116)
 UserId="27756" Comment="Added solution" --> Word Count (8)
 UserId="23305" Comment="finished the "proof" that VC dim < 4" -->
 Word Count (477)
 UserId="23305" Comment="missing word" --> Word Count (478)
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 (156)
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 UserId="27838" --> Word Count (11)
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 UserId="26163" --> Word Count (66)
 UserId="26163" --> Word Count (4)
 UserId="26163" --> Word Count (1)
 UserId="21024" Comment="changed the link's name" --> Word Count (269)
 UserId="14360" --> Word Count (201)
 UserId="14360" --> Word Count (6)
 UserId="14360" --> Word Count (1)
 UserId="26917" --> Word Count (1146)
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 UserId="13727" --> Word Count (147)
 UserId="924" --> Word Count (90)
 UserId="27760" --> Word Count (171)
 UserId="924" --> Word Count (81)
 UserId="13727" Comment="Formatting" --> Word Count (159)
 UserId="21024" --> Word Count (51)
 UserId="924" Comment="added 215 characters in body" --> Word Count (105)
 UserId="13727" Comment="Add a new tag search-engine" --> Word Count (1)
 UserId="836" Text=" --> Word Count (218)
 UserId="2576" --> Word Count (151)
 UserId="26917" Comment="via Vote" --> Word Count (1)
 UserId="836" Comment="added 31 characters in body" Text=" --> Word Count (222)
 UserId="836" Comment="Found reference paper where uncanny valley effect measured in tts" Text=" --> Word Count (225)

UserId="27003" Comment="Add a new question" --> Word Count (395)
 UserId="21024" Comment="added a tag" --> Word Count (1)
 UserId="12527" Comment="added a reference to translation invariance in multiscale transforms" --> Word Count (433)
 UserId="27724" --> Word Count (356)
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 UserId="26163" --> Word Count (4)
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 UserId="27868" --> Word Count (163)
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 UserId="27868" --> Word Count (1)
 UserId="26163" Comment="edited title" --> Word Count (7)
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 UserId="15613" --> Word Count (3)
 UserId="15613" --> Word Count (1)
 UserId="26394" --> Word Count (122)
 UserId="21608" --> Word Count (207)
 UserId="21608" Comment="added 15 characters in body" --> Word Count (216)
 UserId="21608" --> Word Count (150)
 UserId="26394" Comment="deleted 1 character in body" --> Word Count (122)
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 UserId="27607" --> Word Count (3)
 UserId="27607" --> Word Count (1)
 UserId="26163" Comment="added 11 characters in body" --> Word Count (116)
 UserId="26050" --> Word Count (69)
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 UserId="23380" --> Word Count (8)
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 UserId="27741" Comment="added 429 characters in body" --> Word Count (176)
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 UserId="14675" --> Word Count (35)
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 UserId="836" Comment="LaTeX for easier read of equations" --> Word Count (1)
 UserId="19255" --> Word Count (95)
 UserId="19255" Comment="minor rephrasing to increase readability and fixed a typo" --> Word Count (111)
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 UserId="21" --> Word Count (3)
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 UserId="8517" --> Word Count (1)
 UserId="836" Comment="added 219 characters in body" --> Word Count (80)
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 UserId="27003" Comment="Rollback to [5f369b93-2d2e-4571-83ee-831fb06b9ef3] -
 Rollback" --> Word Count (335)
 UserId="27935" Comment="(reply to the second floor suggestion)" --> Word Count
 (171)
 UserId="5041" Comment="deleted 1 character in body" --> Word Count (45)
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 UserId="16853" Comment="added 189 characters in body" --> Word Count (134)
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 UserId="27347" --> Word Count (7)
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 UserId="26394" --> Word Count (143)
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 UserId="1426" --> Word Count (1)
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 UserId="27989" --> Word Count (513)
 UserId="27989" --> Word Count (9)
 UserId="27989" --> Word Count (1)
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 <DELETE> --> Word Count (7)
 <DELETE> --> Word Count (1)
 <DELETE> --> Word Count (149)
 UserId="27992" Comment="Picture of real chart event is changed for more clarity.

" --> Word Count (77)
 UserId="27992" Comment="Picture of real chart event is changed for more clarity.
 " --> Word Count (5)
 UserId="381" --> Word Count (65)
 UserId="26243" --> Word Count (95)
 UserId="20492" --> Word Count (254)
 UserId="12202" --> Word Count (206)
 UserId="12202" --> Word Count (9)
 UserId="12202" --> Word Count (1)
 UserId="27992" Comment="Added more content for clearance. " --> Word Count
 (216)
 UserId="28011" --> Word Count (19)
 UserId="28011" --> Word Count (4)
 UserId="28011" --> Word Count (1)
 UserId="21024" --> Word Count (45)
 UserId="28012" --> Word Count (78)
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 UserId="28012" --> Word Count (1)
 UserId="26243" --> Word Count (59)
 UserId="8830" --> Word Count (129)
 UserId="28021" Comment=""steep" learning curve term is ambiguous. See
<http://english.stackexchange.com/a/6226>" --> Word Count (500)
 UserId="28012" Comment="added 128 characters in body" --> Word Count (98)
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 UserId="27925" --> Word Count (11)
 UserId="27925" --> Word Count (1)
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 UserId="12202" --> Word Count (1)
 UserId="28031" --> Word Count (141)
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 UserId="28049" --> Word Count (8)
 UserId="28049" --> Word Count (1)
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 UserId="23305" Comment="added 1 character in body" --> Word Count (245)
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 UserId="7812" --> Word Count (1)
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 UserId="9123" --> Word Count (100)
 UserId="21024" --> Word Count (46)
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 UserId="21024" --> Word Count (1)
 UserId="28086" --> Word Count (83)
 UserId="924" --> Word Count (60)
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 UserId="28085" --> Word Count (7)
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 UserId="28092" --> Word Count (34)
 UserId="28086" --> Word Count (16)
 UserId="27983" --> Word Count (69)
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 UserId="27992" Comment="A Note Added" --> Word Count (191)
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 UserId="8820" --> Word Count (1)
 UserId="23305" Comment="added hopefully faster code2" --> Word Count (405)
 UserId="12202" Comment="added 961 characters in body" --> Word Count (317)
 UserId="28111" --> Word Count (411)
 UserId="28111" --> Word Count (7)
 UserId="28111" --> Word Count (1)

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UserId="23800" Comment="Edited based on, not being a good question." --> Word
Count (91)
UserId="23800" Comment="Edited based on, not being a good question." --> Word
Count (8)
UserId="6514" --> Word Count (172)
UserId="6514" --> Word Count (13)
UserId="6514" --> Word Count (1)
UserId="6514" Comment="added 1 character in body" --> Word Count (169)
UserId="28081" --> Word Count (35)
UserId="28081" --> Word Count (11)
UserId="28081" --> Word Count (1)
UserId="25157" Comment="Formatting" --> Word Count (284)
UserId="28081" Comment="edited title" --> Word Count (12)
UserId="27962" Comment="edited title" --> Word Count (5)
UserId="28081" Comment="edited title" --> Word Count (1)
UserId="28129" --> Word Count (53)
UserId="28127" Text="Here is a small modification of [Kyler Brown's solution for
Python](http://datascience.stackexchange.com/a/6593) that also allows negative
values on the polar axes ([which are currently not officially supported by
matplotlib](https://github.com/matplotlib/matplotlib/issues/2203)), basically by
simply removing the check for negative values from `set_rgrids`:&#xD;&#xA;&#xD;&#xA;
! [plot](http://i.imgur.com/208V3cZ.png)&#xD;&#xA;&#xD;&#xA; import numpy
as np&#xD;&#xA; import matplotlib.pyplot as plt&#xD;&#xA; import seaborn
as sns # improves plot aesthetics&#xD;&#xA;&#xD;&#xA;&#xD;&#xA; def
_invert(x, limits):&#xD;&#xA; &quot;&quot;&quot;inverts a value x on a
scale from&#xD;&#xA; limits[0] to limits[1]&quot;&quot;&quot;&#xD;&#xA;
return limits[1] - (x - limits[0])&#xD;&#xA;&#xD;&#xA; def _scale_data(data,
ranges):&#xD;&#xA; &quot;&quot;&quot;scales data[1:] to
ranges[0],&#xD;&#xA; inverts if the scale is
reversed&quot;&quot;&quot;&#xD;&#xA; # for d, (y1, y2) in zip(data[1:],
ranges[1:]&#xD;&#xA; for d, (y1, y2) in zip(data, ranges):&#xD;&#xA;
assert (y1 &lt;= d &lt;= y2) or (y2 &lt;= d &lt;= y1)&#xD;&#xA;&#xD;&#xA;
x1, x2 = ranges[0]&#xD;&#xA; d = data[0]&#xD;&#xA;&#xD;&#xA; if x1
&gt; x2:&#xD;&#xA; d = _invert(d, (x1, x2))&#xD;&#xA; x1,
x2 = x2, x1&#xD;&#xA;&#xD;&#xA; sdata = [d]&#xD;&#xA;&#xD;&#xA;
for d, (y1, y2) in zip(data[1:], ranges[1:]&#xD;&#xA; if y1 &gt;
y2:&#xD;&#xA; d = _invert(d, (y1, y2))&#xD;&#xA;
y1, y2 = y2, y1&#xD;&#xA;&#xD;&#xA; sdata.append((d-y1) / (y2-y1) *
(x2 - x1) + x1)&#xD;&#xA;&#xD;&#xA; return sdata&#xD;&#xA;&#xD;&#xA;
def set_rgrids(self, radii, labels=None, angle=None, fmt=None,&#xD;&#xA;
**kwargs):&#xD;&#xA; &quot;&quot;&quot;&#xD;&#xA; Set the radial
locations and labels of the *r* grids.&#xD;&#xA; The labels will appear
at radial distances *radii* at the&#xD;&#xA; given *angle* in
degrees.&#xD;&#xA; *labels*, if not None, is a ``len(radii)`` list of
strings of the&#xD;&#xA; labels to use at each radius.&#xD;&#xA;
If *labels* is None, the built-in formatter will be used.&#xD;&#xA;
Return value is a list of tuples (*line*, *label*), where&#xD;&#xA;
*line* is :class:`~matplotlib.lines.Line2D` instances and the&#xD;&#xA;

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*label* is :class:`~matplotlib.text.Text` instances.&#xD;&#xA;          kwargs are
optional text properties for the labels:&#xD;&#xA;          %( --> Word Count
(1072)
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 UserId="27347" Comment="deleted 1 character in body" --> Word Count (109)
 UserId="17020" --> Word Count (34)
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<https://plugins.jetbrains.com/idea/plugin/6632-r4intellij>" --> Word Count (63)
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 anonymous user (thanks!). " --> Word Count (101)
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 UserId="12515" --> Word Count (145)
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 UserId="12515" --> Word Count (1)
 UserId="25800" --> Word Count (43)
 UserId="381" Comment="added 1 character in body" --> Word Count (237)
 UserId="5029" --> Word Count (297)
 UserId="5029" --> Word Count (5)
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 UserId="28285" --> Word Count (22)
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 UserId="21560" --> Word Count (1)
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 UserId="16853" Comment="added 690 characters in body" --> Word Count (336)
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 UserId="3255" Comment="deleted 4 characters in body" --> Word Count (345)
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 UserId="28317" --> Word Count (1)
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 UserId="25800" Comment="A more complete answer." --> Word Count (246)
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 UserId="836" --> Word Count (122)
 UserId="12202" Comment="deleted 307 characters in body" --> Word Count (152)
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 UserId="27551" --> Word Count (36)
 UserId="16590" --> Word Count (294)
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 UserId="26085" --> Word Count (9)
 UserId="26085" --> Word Count (1)
 UserId="14858" --> Word Count (53)
 UserId="14858" --> Word Count (15)
 UserId="14858" --> Word Count (1)

UserId="14858" Comment="added 1 character in body" --> Word Count (54)
UserId="26394" --> Word Count (299)
UserId="28344" --> Word Count (73)
UserId="28344" --> Word Count (6)
UserId="28344" --> Word Count (1)
UserId="20492" --> Word Count (675)
UserId="15527" --> Word Count (25)
UserId="26394" --> Word Count (161)
UserId="5380" Comment="adding screenshot" --> Word Count (160)
UserId="28350" --> Word Count (53)
UserId="28350" --> Word Count (7)
UserId="28350" --> Word Count (1)
UserId="27962" --> Word Count (359)
UserId="27962" --> Word Count (12)
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UserId="2576" --> Word Count (301)
UserId="2576" --> Word Count (266)
UserId="14675" Comment="Fix grammar" --> Word Count (66)
UserId="15412" --> Word Count (65)
UserId="21" Comment="104" --> Word Count (3)
UserId="12384" Comment="fixed typos" --> Word Count (71)
UserId="16853" --> Word Count (211)
UserId="8152" --> Word Count (527)
UserId="27943" Comment="added 60 characters in body" --> Word Count (422)
UserId="25755" Comment="Removed update callout and changed the order of some of the items" --> Word Count (172)
UserId="77" Comment="added 381 characters in body" --> Word Count (594)
UserId="14372" --> Word Count (41)
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UserId="14372" --> Word Count (1)
UserId="843" --> Word Count (287)
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UserId="28367" --> Word Count (172)
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UserId="28384" --> Word Count (1)
UserId="28385" --> Word Count (266)
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UserId="28385" --> Word Count (1)
UserId="2454" --> Word Count (108)
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UserId="24885" --> Word Count (1)
UserId="14372" --> Word Count (66)

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1. Data Collection; a. Acquire data; b. Convert data into plain text; 1. Remove Duplicate Entries; 2. Tokenization; 3. Text Parsing and Transformation; a. Remove HTML characters; b. Decode complex symbols to UTF-8; c. Apostrophe look-up; d. Remove punctuation marks; e. Remove expressions; f. Split attached words; g. Slangs look-up; h. Standardize words; i. Remove URLs; j. Remove stop-words; 4. Text Filtering; a. ...; b. ...; 5. Text Transformation; a. ...; b. ...; 6. Create a bag of words representation; 7. --> Word Count (39)
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 UserId="2647" Comment="updated process flow" Text="I am trying to draw a process

flow (like a template) to be followed while on text analysis projects. So far, I've come up with this.

Text Analytics Steps

1. Data Collection
 - a. Acquire data
 - b. Convert data into plain text
2. Remove Duplicate Entries
3. Text Parsing and Extracting Features
 - a. Tokenization
 - b. Parsing
 - i. Remove HTML characters
 - ii. Decode complex symbols to UTF-8
 - iii. Spell check
 - iv. Apostrophe look-up
 - v. Remove punctuation marks
 - vi. Remove expressions / emojis
 - vii. Split attached words
 - viii. Slangs look-up
 - ix. Remove URLs
 - c. Lemmatization / Stemming (Normalization of Tokens)
 - d. Parts-of-Speech Tagging
4. Text Filtering
 - a. Remove start-words
 - b. Remove stop-words
 - c. Remove irrelevant words based on frequency
5. Text Transformation
 - a. Bag of Words Representation
 - b. TF-IDF
6. Text Mining / Analysis (whichever analysis needed)
 - a. Text Categorization
 - b. Text Classification (supervised)
 - c. Topic Modeling (unsupervised)
 - d. --> Word Count (47)

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 UserId="21254" --> Word Count (5)
 UserId="21254" --> Word Count (1)
 UserId="26243" --> Word Count (36)
 UserId="12202" Comment="added 766 characters in body" --> Word Count (870)
 UserId="8560" Comment="added 965 characters in body" --> Word Count (226)
 UserId="8560" --> Word Count (243)

UserId="8560" --> Word Count (279)
 UserId="28834" --> Word Count (72)
 UserId="28834" --> Word Count (12)
 UserId="28834" --> Word Count (1)
 UserId="28840" --> Word Count (223)
 UserId="28840" --> Word Count (13)
 UserId="28840" --> Word Count (1)
 UserId="28842" --> Word Count (92)
 UserId="28842" --> Word Count (8)
 UserId="28842" --> Word Count (1)
 UserId="28014" --> Word Count (639)
 UserId="28014" --> Word Count (5)
 UserId="28014" --> Word Count (1)
 UserId="28014" Comment="edited tags" --> Word Count (1)
 UserId="28014" Comment="edited tags" --> Word Count (664)
 UserId="28014" Comment="added 1 character in body" --> Word Count (664)
 UserId="28849" Text="df.groupBy("Product_ID").agg(collect_list(\$"Stock")).rdd.saveAs --> Word Count (1)
 UserId="28014" --> Word Count (160)
 UserId="27107" --> Word Count (40)
 UserId="28807" Comment="Fixed a typo (swapped 'neg_mean_squared_error' and 'mean_squared_error')" --> Word Count (932)
 UserId="21319" --> Word Count (87)
 UserId="21319" --> Word Count (14)
 UserId="21319" --> Word Count (1)
 UserId="28628" Comment="fix spelling" --> Word Count (71)
 UserId="28628" Comment="fix spelling" --> Word Count (11)
 UserId="836" --> Word Count (248)
 UserId="836" Comment="added 720 characters in body" --> Word Count (431)
 UserId="836" Comment="added 720 characters in body" --> Word Count (420)
 UserId="836" Comment="deleted 11 characters in body" --> Word Count (418)
 UserId="28628" --> Word Count (128)
 UserId="28864" --> Word Count (57)
 UserId="28864" --> Word Count (5)
 UserId="28864" --> Word Count (1)
 UserId="17727" --> Word Count (87)
 UserId="17727" --> Word Count (8)
 UserId="17727" --> Word Count (1)
 UserId="23614" --> Word Count (43)
 UserId="23614" --> Word Count (15)
 UserId="23614" --> Word Count (1)
 UserId="28868" --> Word Count (83)
 UserId="28868" --> Word Count (6)
 UserId="28868" --> Word Count (1)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="23614" Comment="add a comment" --> Word Count (72)
 UserId="23614" Comment="add a comment" --> Word Count (1)
 UserId="27250" Comment="added ref [2]" --> Word Count (224)

UserId="27250" Comment="edits" --> Word Count (223)
 UserId="15412" Comment="added 85 characters in body" --> Word Count (76)
 UserId="21749" --> Word Count (161)
 UserId="27962" --> Word Count (119)
 UserId="27962" --> Word Count (10)
 UserId="27962" --> Word Count (1)
 UserId="28881" --> Word Count (319)
 UserId="28881" --> Word Count (6)
 UserId="28881" --> Word Count (1)
 UserId="26243" --> Word Count (133)
 UserId="16971" --> Word Count (98)
 UserId="16971" Comment="deleted 2 characters in body" --> Word Count (98)
 UserId="28883" --> Word Count (218)
 UserId="28883" --> Word Count (7)
 UserId="28883" --> Word Count (1)
 UserId="12515" --> Word Count (100)
 UserId="12515" --> Word Count (8)
 UserId="12515" --> Word Count (1)
 UserId="8560" --> Word Count (131)
 UserId="28834" --> Word Count (46)
 UserId="28834" --> Word Count (5)
 UserId="28834" --> Word Count (1)
 UserId="23614" --> Word Count (213)
 UserId="836" Comment="Transfer details from comments to the question" --> Word Count (255)
 UserId="14675" Comment="added 202 characters in body" --> Word Count (180)
 UserId="14675" --> Word Count (83)
 UserId="28883" Comment="deleted 11 characters in body" --> Word Count (217)
 UserId="27250" --> Word Count (34)
 UserId="28628" --> Word Count (115)
 UserId="12202" --> Word Count (75)
 UserId="28904" --> Word Count (246)
 UserId="28904" --> Word Count (7)
 UserId="28904" --> Word Count (1)
 UserId="27854" --> Word Count (57)
 UserId="27854" --> Word Count (7)
 UserId="27854" --> Word Count (1)
 UserId="860" --> Word Count (105)
 UserId="26243" --> Word Count (152)
 UserId="28917" --> Word Count (66)
 UserId="28917" --> Word Count (6)
 UserId="28917" --> Word Count (1)
 UserId="26243" --> Word Count (164)
 UserId="28922" --> Word Count (157)
 UserId="28922" --> Word Count (6)
 UserId="28922" --> Word Count (1)
 UserId="28922" --> Word Count (163)
 UserId="28924" --> Word Count (31)

UserId="26709" --> Word Count (48)
 UserId="26709" --> Word Count (7)
 UserId="26709" --> Word Count (1)
 UserId="27347" --> Word Count (58)
 UserId="27347" --> Word Count (5)
 UserId="27347" --> Word Count (1)
 UserId="18540" --> Word Count (107)
 UserId="11097" Comment="Added the paper link" --> Word Count (37)
 UserId="21608" --> Word Count (298)
 UserId="28628" Comment="improved formatting" --> Word Count (38)
 UserId="28937" --> Word Count (85)
 UserId="28937" --> Word Count (10)
 UserId="28937" --> Word Count (1)
 UserId="28887" --> Word Count (1086)
 UserId="28887" --> Word Count (8)
 UserId="28887" --> Word Count (1)
 UserId="28941" --> Word Count (67)
 UserId="28941" --> Word Count (5)
 UserId="28941" --> Word Count (1)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="28937" Comment="added 12 characters in body" --> Word Count (85)
 UserId="28937" Comment="added 12 characters in body" --> Word Count (1)
 UserId="19065" --> Word Count (185)
 UserId="19065" --> Word Count (9)
 UserId="19065" --> Word Count (1)
 UserId="19161" --> Word Count (114)
 UserId="28887" Comment="more knowledge" --> Word Count (1160)
 UserId="28937" Comment="added 12 characters in body" --> Word Count (85)
 UserId="19095" Comment="added 28 characters in body" --> Word Count (8)
 UserId="23305" --> Word Count (209)
 UserId="23305" --> Word Count (6)
 UserId="23305" --> Word Count (1)
 UserId="26050" --> Word Count (61)
 UserId="26050" --> Word Count (8)
 UserId="26050" --> Word Count (1)
 UserId="5344" --> Word Count (51)
 UserId="5344" --> Word Count (9)
 UserId="5344" --> Word Count (1)
 UserId="23305" Comment="changed title" --> Word Count (6)
 UserId="26243" --> Word Count (30)
 UserId="28965" --> Word Count (141)
 UserId="28966" --> Word Count (70)
 UserId="28922" --> Word Count (111)
 UserId="28922" Comment="deleted 13 characters in body" --> Word Count (107)
 UserId="20308" --> Word Count (88)
 UserId="20308" --> Word Count (7)
 UserId="20308" --> Word Count (1)
 UserId="11097" Comment="added 2 characters in body" --> Word Count (92)

UserId="20308" Comment="added 636 characters in body" --> Word Count (178)
 UserId="28628" --> Word Count (109)
 UserId="28977" --> Word Count (166)
 UserId="28977" --> Word Count (8)
 UserId="28977" --> Word Count (1)
 UserId="28628" --> Word Count (45)
 UserId="28980" --> Word Count (29)
 UserId="28980" --> Word Count (10)
 UserId="28980" --> Word Count (1)
 UserId="28938" --> Word Count (115)
 UserId="28938" --> Word Count (8)
 UserId="28938" --> Word Count (1)
 UserId="28986" --> Word Count (75)
 UserId="28986" --> Word Count (4)
 UserId="28986" --> Word Count (1)
 UserId="836" --> Word Count (83)
 UserId="836" Comment="deleted 5 characters in body" --> Word Count (98)
 UserId="836" Comment="deleted 5 characters in body" --> Word Count (216)
 UserId="836" Comment="deleted 5 characters in body" --> Word Count (242)
 UserId="836" Comment="added 225 characters in body" --> Word Count (301)
 UserId="836" Comment="deleted 2 characters in body" --> Word Count (305)
 UserId="5091" --> Word Count (102)
 UserId="5091" --> Word Count (9)
 UserId="5091" --> Word Count (1)
 UserId="836" Comment="added 264 characters in body" --> Word Count (351)
 UserId="28628" --> Word Count (18)
 UserId="27873" --> Word Count (13)
 UserId="23144" --> Word Count (26)
 UserId="13232" --> Word Count (25)
 UserId="28996" Comment="Linked paper location changed" --> Word Count (387)
 UserId="28628" Comment="formatting" --> Word Count (68)
 UserId="28951" Comment="fixed spelling" --> Word Count (11)
 UserId="24240" --> Word Count (41)
 UserId="24240" Comment="note on intersection = and for bit vectors" --> Word Count (50)
 UserId="23305" Comment="edited title" --> Word Count (6)
 UserId="29007" --> Word Count (41)
 UserId="29007" --> Word Count (6)
 UserId="29007" --> Word Count (1)
 UserId="924" --> Word Count (66)
 UserId="27171" Comment="Fix a typo. Some grammar stuff." --> Word Count (636)
 UserId="21" Comment="Fix a typo. Some grammar stuff." --> Word Count (636)
 UserId="2961" --> Word Count (77)
 UserId="18626" --> Word Count (158)
 UserId="29010" --> Word Count (156)
 UserId="28628" --> Word Count (117)
 UserId="28628" --> Word Count (8)
 UserId="28628" --> Word Count (1)

UserId="28628" Comment="added 6 characters in body" --> Word Count (118)
 UserId="29015" --> Word Count (567)
 UserId="29015" --> Word Count (10)
 UserId="29015" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
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 UserId="-1" --> Word Count (1)
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 UserId="27231" --> Word Count (1)
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 UserId="28482" --> Word Count (1)
 UserId="9053" --> Word Count (210)
 UserId="9053" --> Word Count (14)
 UserId="9053" --> Word Count (1)
 UserId="9053" Comment="edited title" --> Word Count (14)
 UserId="17208" --> Word Count (96)
 UserId="17208" --> Word Count (10)
 UserId="17208" --> Word Count (1)
 UserId="26522" --> Word Count (46)
 UserId="26522" --> Word Count (4)
 UserId="26522" --> Word Count (1)
 UserId="9123" --> Word Count (20)
 UserId="28864" Comment="further explanation was given" --> Word Count (92)
 UserId="28138" --> Word Count (88)
 UserId="28138" --> Word Count (14)
 UserId="28138" --> Word Count (1)
 UserId="836" Comment="deleted 546 characters in body" --> Word Count (277)
 UserId="17208" Comment="added 12 characters in body" --> Word Count (97)
 UserId="836" --> Word Count (347)
 UserId="29025" --> Word Count (61)
 UserId="29025" --> Word Count (16)
 UserId="29026" --> Word Count (162)
 UserId="836" Comment="added 208 characters in body" --> Word Count (398)
 UserId="836" Comment="deleted 7 characters in body" --> Word Count (398)
 UserId="29026" Comment="added 15 characters in body" --> Word Count (165)
 UserId="26709" Comment="edited tags" --> Word Count (1)
 UserId="28628" Comment="improved formatting" --> Word Count (208)
 UserId="12384" Comment="improved formatting" --> Word Count (201)
 UserId="14310" --> Word Count (62)
 UserId="23305" Comment="added 40 characters in body" --> Word Count (216)
 UserId="23240" --> Word Count (184)
 UserId="23240" --> Word Count (3)
 UserId="23240" --> Word Count (1)
 UserId="26024" --> Word Count (134)
 UserId="29054" --> Word Count (286)

UserId="3299" --> Word Count (131)
 UserId="3299" --> Word Count (7)
 UserId="3299" --> Word Count (1)
 UserId="3299" Comment="adds a way to solve this problem. But need more inputs from others" --> Word Count (215)
 UserId="3594" Comment="simple spelling " --> Word Count (14)
 UserId="12384" Comment="simple spelling " --> Word Count (80)
 UserId="12384" Comment="fixed spelling" --> Word Count (251)
 UserId="836" Comment="Try to match title and tags to body of question" --> Word Count (14)
 UserId="836" Comment="Try to match title and tags to body of question" --> Word Count (1)
 UserId="7812" --> Word Count (23)
 UserId="7812" --> Word Count (5)
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 UserId="28934" --> Word Count (79)
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 UserId="28934" --> Word Count (1)
 UserId="26243" --> Word Count (123)
 UserId="26243" Comment="fixed grammar" --> Word Count (123)
 UserId="28934" Comment="edited tags" --> Word Count (1)
 UserId="21" --> Word Count (2)
 UserId="28809" --> Word Count (149)
 UserId="28809" --> Word Count (6)
 UserId="28809" --> Word Count (1)
 UserId="28628" Comment="added 153 characters in body" --> Word Count (138)
 UserId="26522" --> Word Count (53)
 UserId="26522" --> Word Count (8)
 UserId="26522" --> Word Count (1)
 UserId="26522" Comment="added 94 characters in body; edited tags" --> Word Count (74)
 UserId="26522" Comment="added 94 characters in body; edited tags" --> Word Count (1)
 UserId="8752" --> Word Count (238)
 UserId="26522" Comment="added 174 characters in body" --> Word Count (119)
 UserId="26243" --> Word Count (41)
 UserId="14310" --> Word Count (81)
 UserId="29073" --> Word Count (75)
 UserId="29073" --> Word Count (12)
 UserId="29073" --> Word Count (1)
 UserId="29073" Comment="added 21 characters in body" --> Word Count (78)
 UserId="26800" --> Word Count (101)
 UserId="26800" --> Word Count (4)
 UserId="26800" --> Word Count (1)
 UserId="26243" Comment="improve answer" --> Word Count (106)
 UserId="29083" --> Word Count (497)
 UserId="23305" Comment="deleted 41 characters in body" --> Word Count (207)
 UserId="29090" --> Word Count (39)

UserId="29090" --> Word Count (4)
 UserId="29090" --> Word Count (1)
 UserId="29090" Comment="added 90 characters in body" --> Word Count (44)
 UserId="29090" Comment="added 90 characters in body" --> Word Count (47)
 UserId="28628" --> Word Count (22)
 UserId="28628" Comment="added 68 characters in body" --> Word Count (149)
 UserId="14310" --> Word Count (47)
 UserId="29104" --> Word Count (91)
 UserId="29104" --> Word Count (8)
 UserId="29104" --> Word Count (1)
 UserId="25652" Comment="Edited title and content, added relevant tag (tools)."
 --> Word Count (49)
 UserId="25652" Comment="Edited title and content, added relevant tag (tools)."
 --> Word Count (4)
 UserId="25652" Comment="Edited title and content, added relevant tag (tools)."
 --> Word Count (1)
 UserId="8878" Comment="Graphs are mathematical object. This question is about
 "Plots/Visualization"" --> Word Count (1)
 UserId="29104" Comment="added 345 characters in body" --> Word Count (109)
 UserId="25429" --> Word Count (237)
 UserId="25429" --> Word Count (11)
 UserId="25429" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="29112" --> Word Count (255)
 UserId="29112" --> Word Count (5)
 UserId="29112" --> Word Count (1)
 UserId="1426" --> Word Count (91)
 UserId="1426" --> Word Count (7)
 UserId="1426" --> Word Count (1)
 UserId="29083" --> Word Count (1428)
 UserId="29086" --> Word Count (333)
 UserId="29086" Comment="changed order" --> Word Count (339)
 UserId="29116" --> Word Count (181)
 UserId="29116" --> Word Count (5)
 UserId="29116" --> Word Count (1)
 UserId="25759" --> Word Count (42)
 UserId="28628" Comment="added 138 characters in body" --> Word Count (165)
 UserId="26394" --> Word Count (55)
 UserId="28628" Comment="added 44 characters in body" --> Word Count (130)
 UserId="28628" --> Word Count (52)
 UserId="24885" --> Word Count (196)
 UserId="24885" --> Word Count (11)
 UserId="24885" --> Word Count (1)
 UserId="426" --> Word Count (207)
 UserId="426" --> Word Count (9)
 UserId="426" --> Word Count (1)
 UserId="29086" Comment="small fixes, new image" --> Word Count (386)
 UserId="26085" Comment="clarify cnn as ordinary network" --> Word Count (229)

UserId="25429" Comment="clarify cnn as ordinary network" --> Word Count (228)
 UserId="28628" --> Word Count (116)
 UserId="28834" --> Word Count (624)
 UserId="28834" --> Word Count (14)
 UserId="28834" --> Word Count (1)
 UserId="25429" Comment="added 240 characters in body" --> Word Count (268)
 UserId="27916" --> Word Count (111)
 UserId="27916" --> Word Count (7)
 UserId="27916" --> Word Count (1)
 UserId="17959" --> Word Count (84)
 UserId="29137" --> Word Count (100)
 UserId="29137" --> Word Count (13)
 UserId="29137" --> Word Count (1)
 UserId="8005" --> Word Count (82)
 UserId="29138" --> Word Count (52)
 UserId="29138" --> Word Count (3)
 UserId="29138" --> Word Count (1)
 UserId="17208" --> Word Count (64)
 UserId="18665" --> Word Count (412)
 UserId="18665" --> Word Count (7)
 UserId="18665" --> Word Count (1)
 UserId="26394" --> Word Count (81)
 UserId="28628" Comment="formatting" --> Word Count (723)
 UserId="8792" --> Word Count (149)
 UserId="28965" Comment="added 1034 characters in body" --> Word Count (414)
 UserId="28834" --> Word Count (76)
 UserId="28834" --> Word Count (11)
 UserId="28834" --> Word Count (1)
 UserId="27250" Comment="latex bracket" --> Word Count (100)
 UserId="26" Comment="deleted 67 characters in body" --> Word Count (375)
 UserId="13727" --> Word Count (232)
 UserId="27962" --> Word Count (338)
 UserId="27962" --> Word Count (8)
 UserId="27962" --> Word Count (1)
 UserId="471" --> Word Count (72)
 UserId="28628" --> Word Count (384)
 UserId="28628" Comment="added 79 characters in body" --> Word Count (400)
 UserId="13727" Comment="Added recommender-system tag" --> Word Count (1)
 UserId="24968" Comment="Fixed link" --> Word Count (214)
 UserId="24968" Comment="Fixed link since TF documentation links changed" -->
 Word Count (190)
 UserId="28628" Comment="added 79 characters in body" --> Word Count (439)
 UserId="29082" --> Word Count (252)
 UserId="29082" --> Word Count (12)
 UserId="29082" --> Word Count (1)
 UserId="8337" --> Word Count (144)
 UserId="8337" --> Word Count (6)
 UserId="8337" --> Word Count (1)

UserId="21" Comment="103" --> Word Count (2)
 UserId="10620" --> Word Count (316)
 UserId="15527" --> Word Count (61)
 UserId="29082" Comment="added 151 characters in body" --> Word Count (281)
 UserId="21767" --> Word Count (55)
 UserId="21767" --> Word Count (6)
 UserId="21767" --> Word Count (1)
 UserId="28628" --> Word Count (32)
 UserId="29169" --> Word Count (53)
 UserId="29169" --> Word Count (3)
 UserId="29169" --> Word Count (1)
 UserId="15711" --> Word Count (23)
 UserId="26365" Comment="fix typos and grammatical mistakes" --> Word Count (953)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="21" --> Word Count (2)
 UserId="29182" --> Word Count (27)
 UserId="29182" --> Word Count (13)
 UserId="29182" --> Word Count (1)
 UserId="10620" Comment="typo corected" --> Word Count (316)
 UserId="12345" --> Word Count (144)
 UserId="12345" --> Word Count (5)
 UserId="12345" --> Word Count (1)
 UserId="12345" Comment="added 40 characters in body; edited title" --> Word Count (146)
 UserId="12345" Comment="added 40 characters in body; edited title" --> Word Count (5)
 UserId="29204" --> Word Count (73)
 UserId="29204" --> Word Count (5)
 UserId="29204" --> Word Count (1)
 UserId="28628" Comment="fix formatting" --> Word Count (55)
 UserId="26562" --> Word Count (193)
 UserId="26562" --> Word Count (153)
 UserId="26562" Comment="added answer about network structure" --> Word Count (247)
 UserId="8820" --> Word Count (191)
 UserId="8820" --> Word Count (10)
 UserId="8820" --> Word Count (1)
 UserId="27347" --> Word Count (1384)
 UserId="27347" --> Word Count (7)
 UserId="27347" --> Word Count (1)
 UserId="28628" Comment="added 964 characters in body" --> Word Count (237)
 UserId="13727" --> Word Count (96)
 UserId="28628" Comment="added 4 characters in body" --> Word Count (239)
 UserId="29217" --> Word Count (444)
 UserId="29217" --> Word Count (7)
 UserId="29217" --> Word Count (1)
 UserId="29217" Comment="added 116 characters in body" --> Word Count (459)

UserId="29223" --> Word Count (149)
 UserId="29223" Comment="added 86 characters in body" --> Word Count (159)
 UserId="29217" --> Word Count (28)
 UserId="26709" --> Word Count (47)
 UserId="26709" --> Word Count (4)
 UserId="26709" --> Word Count (1)
 UserId="13727" Comment="Added reductions tag" --> Word Count (1)
 UserId="29234" --> Word Count (370)
 UserId="29234" --> Word Count (7)
 UserId="29234" --> Word Count (1)
 UserId="29236" --> Word Count (141)
 UserId="29236" --> Word Count (11)
 UserId="29236" --> Word Count (1)
 UserId="26194" Comment="deleted greetings and thanks" --> Word Count (144)
 UserId="29240" --> Word Count (76)
 UserId="29240" --> Word Count (18)
 UserId="29240" --> Word Count (1)
 UserId="29169" --> Word Count (69)
 UserId="29169" --> Word Count (10)
 UserId="29169" --> Word Count (1)
 UserId="17120" --> Word Count (54)
 UserId="17120" --> Word Count (6)
 UserId="17120" --> Word Count (1)
 UserId="8820" Comment="added 104 characters in body" --> Word Count (197)
 UserId="15527" --> Word Count (16)
 UserId="8560" --> Word Count (396)
 UserId="25157" Comment="Spelling and grammar + tags" --> Word Count (142)
 UserId="25157" Comment="Spelling and grammar + tags" --> Word Count (1)
 UserId="12384" Comment="Spelling and grammar + tags" --> Word Count (142)
 UserId="26800" --> Word Count (109)
 UserId="26800" --> Word Count (7)
 UserId="26800" --> Word Count (1)
 UserId="29249" --> Word Count (48)
 UserId="28922" --> Word Count (205)
 UserId="28628" --> Word Count (311)
 UserId="29256" --> Word Count (97)
 UserId="29256" --> Word Count (4)
 UserId="29256" --> Word Count (1)
 UserId="28628" --> Word Count (44)
 UserId="29257" --> Word Count (217)
 UserId="29257" --> Word Count (4)
 UserId="29257" --> Word Count (1)
 UserId="10094" --> Word Count (83)
 UserId="10094" --> Word Count (7)
 UserId="10094" --> Word Count (1)
 UserId="28628" --> Word Count (86)
 UserId="26194" Comment="Fixing typos" --> Word Count (97)
 UserId="17959" --> Word Count (114)

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UserId="17959" --> Word Count (7)
UserId="17959" --> Word Count (1)
UserId="29128" --> Word Count (103)
UserId="29128" --> Word Count (7)
UserId="29128" --> Word Count (1)
UserId="29265" --> Word Count (83)
UserId="29265" --> Word Count (5)
UserId="29265" --> Word Count (1)
UserId="11097" Comment="deleted 21 characters in body" --> Word Count (93)
UserId="28011" Text="As there is no answer yet I want to try to give an at least
somehow useful answer.&#xD;&#xA;Including the constants definitions would help a
bit to understand the provided code.&#xD;&#xA;&#xD;&#xA;Generally speaking a
batch uses n times a record or item. How you define an item depends on your
problem. In tensorflow the batch is encoded in the first dimension of a tensor.
In your case with the csv file it might be line by line (`reader=tf. --> Word
Count (37)
UserId="29277" --> Word Count (126)
UserId="29277" --> Word Count (11)
UserId="29277" --> Word Count (1)
UserId="17208" --> Word Count (148)
UserId="29286" --> Word Count (99)
UserId="29286" --> Word Count (7)
UserId="29286" --> Word Count (1)
UserId="19241" --> Word Count (139)
UserId="19241" --> Word Count (26)
UserId="19241" --> Word Count (1)
UserId="29290" --> Word Count (80)
UserId="29290" --> Word Count (6)
UserId="29290" --> Word Count (1)
UserId="12345" Comment="deleted 8 characters in body" --> Word Count (114)
UserId="29298" --> Word Count (34)
UserId="29298" --> Word Count (4)
UserId="29298" --> Word Count (1)
UserId="29297" --> Word Count (93)
UserId="29297" --> Word Count (6)
UserId="29297" --> Word Count (1)
UserId="26562" --> Word Count (86)
UserId="7812" --> Word Count (26)
UserId="7812" --> Word Count (4)
UserId="7812" --> Word Count (1)
<DELETE> --> Word Count (45)
<DELETE> --> Word Count (9)
<DELETE> --> Word Count (1)
UserId="29302" --> Word Count (24)
UserId="29302" --> Word Count (12)
UserId="29302" --> Word Count (1)
UserId="9123" --> Word Count (29)
UserId="26856" --> Word Count (64)

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UserId="26856" --> Word Count (5)
 UserId="26856" --> Word Count (1)
 UserId="9123" --> Word Count (182)
 UserId="27250" --> Word Count (15)
 UserId="27250" Comment="add details" --> Word Count (34)
 UserId="28628" --> Word Count (20)
 UserId="7812" Comment="added 72 characters in body" --> Word Count (37)
 UserId="836" --> Word Count (330)
 UserId="8878" --> Word Count (45)
 UserId="8878" Comment="It's not about graphs as graphs are specific mathematical objects" --> Word Count (1)
 UserId="9123" Comment="added 289 characters in body" --> Word Count (221)
 UserId="12206" --> Word Count (224)
 UserId="12206" --> Word Count (6)
 UserId="12206" --> Word Count (1)
 UserId="12206" --> Word Count (82)
 UserId="12206" --> Word Count (3)
 UserId="12206" --> Word Count (1)
 UserId="14675" Comment="added 212 characters in body" --> Word Count (198)
 UserId="14675" Comment="added 320 characters in body" --> Word Count (119)
 UserId="28937" --> Word Count (89)
 UserId="28937" --> Word Count (8)
 UserId="28937" --> Word Count (1)
 UserId="17208" --> Word Count (127)
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 UserId="29083" --> Word Count (459)
 UserId="28937" Comment="deleted 4 characters in body" --> Word Count (89)
 UserId="29314" --> Word Count (28)
 UserId="29314" --> Word Count (5)
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 UserId="10169" --> Word Count (109)
 UserId="18665" --> Word Count (201)
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 UserId="29315" --> Word Count (7)
 UserId="29315" --> Word Count (1)
 UserId="19161" --> Word Count (101)
 UserId="7848" Comment="updated link to paper" --> Word Count (104)
 UserId="18540" --> Word Count (86)
 UserId="29204" --> Word Count (85)
 UserId="29204" --> Word Count (11)
 UserId="29204" --> Word Count (1)
 UserId="29204" Comment="added 10 characters in body" --> Word Count (87)
 UserId="29204" --> Word Count (99)
 UserId="29204" --> Word Count (6)
 UserId="29204" --> Word Count (1)
 UserId="29321" --> Word Count (344)
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 UserId="18540" Comment="added 47 characters in body" --> Word Count (94)
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 UserId="29340" --> Word Count (44)
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 UserId="14372" Comment="Added information and link" --> Word Count (109)
 UserId="29083" Comment="Added additional information about conditioning an RNN"
 --> Word Count (825)
 UserId="29350" --> Word Count (118)
 UserId="29350" --> Word Count (10)
 UserId="29350" --> Word Count (1)
 UserId="29353" --> Word Count (348)
 UserId="29353" --> Word Count (9)
 UserId="29353" --> Word Count (1)
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 UserId="28860" --> Word Count (4)
 UserId="28860" --> Word Count (1)
 UserId="90" Comment="added 119 characters in body" --> Word Count (378)
 UserId="90" Comment="deleted 650 characters in body" --> Word Count (254)
 UserId="24593" --> Word Count (105)
 UserId="29204" --> Word Count (28)
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 UserId="29365" --> Word Count (1)
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 UserId="15613" --> Word Count (1)
 UserId="27347" --> Word Count (107)
 UserId="27347" --> Word Count (8)
 UserId="27347" --> Word Count (1)
 UserId="28628" Comment="formatting, add r tag for clarification" --> Word Count

(235)

UserId="28628" Comment="formatting, add r tag for clarification" --> Word Count (1)

UserId="25543" Comment="added 32 characters in body" --> Word Count (237)

UserId="29090" --> Word Count (61)

UserId="29090" --> Word Count (9)

UserId="29090" --> Word Count (1)

UserId="29376" --> Word Count (324)

UserId="29376" --> Word Count (3)

UserId="29376" --> Word Count (1)

UserId="29376" Comment="added 134 characters in body" --> Word Count (350)

UserId="29090" Comment="Change the title specify my need" --> Word Count (63)

UserId="29090" Comment="Change the title specify my need" --> Word Count (7)

UserId="12280" --> Word Count (84)

UserId="12280" --> Word Count (148)

UserId="16915" --> Word Count (59)

UserId="12280" --> Word Count (72)

UserId="16915" --> Word Count (62)

UserId="12280" --> Word Count (113)

UserId="12280" --> Word Count (56)

UserId="19214" --> Word Count (773)

UserId="19214" --> Word Count (6)

UserId="19214" --> Word Count (1)

UserId="21" --> Word Count (89)

UserId="28628" Comment="added 194 characters in body" --> Word Count (128)

UserId="29365" --> Word Count (181)

UserId="29365" --> Word Count (11)

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UserId="29365" --> Word Count (256)

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UserId="29204" --> Word Count (118)

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UserId="29204" --> Word Count (1)

UserId="29392" --> Word Count (258)

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UserId="29397" --> Word Count (6)

UserId="29397" --> Word Count (1)

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UserId="29399" --> Word Count (67)

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UserId="28385" --> Word Count (7)
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UserId="17020" Comment="added 62 characters in body" --> Word Count (43)
UserId="29415" --> Word Count (49)
UserId="29415" --> Word Count (7)
UserId="29415" --> Word Count (1)
UserId="29419" --> Word Count (154)
UserId="29421" --> Word Count (102)
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UserId="1426" --> Word Count (1)
UserId="28628" --> Word Count (73)
UserId="29090" Comment="Narrow my needs" --> Word Count (59)
UserId="29428" --> Word Count (247)
UserId="29428" --> Word Count (5)
UserId="29428" --> Word Count (1)
UserId="28628" --> Word Count (199)
UserId="12384" --> Word Count (151)
UserId="28938" --> Word Count (81)
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UserId="12384" --> Word Count (398)
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UserId="29431" --> Word Count (1)
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UserId="28385" Comment="added 1179 characters in body" --> Word Count (898)
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UserId="29434" --> Word Count (93)
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UserId="29434" --> Word Count (1)
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UserId="24895" --> Word Count (1)
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UserId="13100" --> Word Count (10)
UserId="13100" --> Word Count (1)
UserId="28938" --> Word Count (195)
UserId="28938" --> Word Count (6)
UserId="28938" --> Word Count (1)
UserId="28628" Comment="formatting" --> Word Count (144)
UserId="24593" --> Word Count (303)
UserId="28628" --> Word Count (75)
UserId="21560" --> Word Count (149)
UserId="21560" --> Word Count (7)
UserId="21560" --> Word Count (1)
UserId="2433" Comment="Typos" --> Word Count (249)
UserId="471" --> Word Count (77)
UserId="21" Comment="103" --> Word Count (2)
UserId="29169" --> Word Count (67)
UserId="29169" --> Word Count (8)
UserId="29169" --> Word Count (1)
UserId="29169" --> Word Count (153)
UserId="28350" --> Word Count (101)
UserId="28350" --> Word Count (14)
UserId="28350" --> Word Count (1)
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UserId="29457" --> Word Count (1)
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UserId="26243" Comment="fixed grammar" --> Word Count (84)
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UserId="9123" Comment="deleted 1 character in body" --> Word Count (151)
UserId="21560" --> Word Count (100)
UserId="21560" --> Word Count (9)
UserId="21560" --> Word Count (1)
UserId="924" --> Word Count (81)
UserId="29190" --> Word Count (97)
UserId="29190" --> Word Count (3)
UserId="29190" --> Word Count (1)
UserId="29457" --> Word Count (32)
UserId="28938" Comment="added 3 characters in body" --> Word Count (194)
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UserId="12384" Comment="deleted 12 characters in body" --> Word Count (132)
UserId="12384" --> Word Count (38)
UserId="28780" --> Word Count (109)
UserId="1177" Comment="Corrected spelling, improve grammar." --> Word Count (62)
UserId="1177" Comment="Corrected spelling, improve grammar." --> Word Count (10)
UserId="836" --> Word Count (269)
UserId="836" Comment="added 96 characters in body" --> Word Count (284)
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UserId="13727" Comment="Added semi supervised tag" --> Word Count (1)
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UserId="24885" --> Word Count (1)
UserId="24885" Comment="bullets were not showing" --> Word Count (222)
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UserId="21596" --> Word Count (1)
UserId="21" Comment="101" --> Word Count (2)
UserId="15527" Comment="Replace python with python3 for explicitness" --> Word Count (59)
UserId="381" Comment="added 14 characters in body" --> Word Count (130)
UserId="16220" --> Word Count (509)
UserId="924" --> Word Count (40)
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UserId="12792" --> Word Count (167)
UserId="29217" --> Word Count (66)
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UserId="27460" --> Word Count (5)
UserId="27460" --> Word Count (1)
UserId="5091" Comment="added 134 characters in body" --> Word Count (16)
UserId="29498" --> Word Count (89)
UserId="29498" --> Word Count (9)
UserId="29498" --> Word Count (1)
UserId="29498" Comment="added 465 characters in body" --> Word Count (181)
UserId="17696" --> Word Count (133)
UserId="17696" Comment="added 16 characters in body" --> Word Count (135)
UserId="25429" --> Word Count (170)
UserId="25429" --> Word Count (7)
UserId="25429" --> Word Count (1)
UserId="28860" --> Word Count (122)
UserId="28860" --> Word Count (7)
UserId="28860" --> Word Count (1)
UserId="21690" --> Word Count (363)
UserId="21690" --> Word Count (6)
UserId="21690" --> Word Count (1)
UserId="18111" Comment="added 267 characters in body" --> Word Count (241)
UserId="29511" --> Word Count (83)
UserId="29511" --> Word Count (17)
UserId="29511" --> Word Count (1)
UserId="29513" --> Word Count (99)
UserId="19161" --> Word Count (135)
UserId="28860" Comment="edited tags" --> Word Count (1)
UserId="12206" --> Word Count (119)
UserId="12206" --> Word Count (4)
UserId="12206" --> Word Count (1)
UserId="12206" --> Word Count (83)

UserId="12206" --> Word Count (6)
UserId="12206" --> Word Count (1)
UserId="29512" Comment="Added clarification " --> Word Count (107)
UserId="25867" --> Word Count (366)
UserId="25867" --> Word Count (15)
UserId="25867" --> Word Count (1)
UserId="836" --> Word Count (172)
UserId="25867" Comment="added 814 characters in body" --> Word Count (494)
UserId="15620" --> Word Count (116)
UserId="836" Comment="added 65 characters in body" --> Word Count (187)
UserId="25867" --> Word Count (87)
UserId="25867" Comment="added 8 characters in body" --> Word Count (89)
UserId="12206" Comment="edited title" --> Word Count (3)
UserId="28628" --> Word Count (60)
UserId="15620" Comment="grammar clean up" --> Word Count (111)
UserId="26394" Comment="improved formatting" --> Word Count (65)
UserId="3443" --> Word Count (146)
UserId="3443" --> Word Count (9)
UserId="3443" --> Word Count (1)
UserId="3443" Comment="added 72 characters in body" --> Word Count (158)
UserId="21" Comment="105" --> Word Count (2)
UserId="108" --> Word Count (509)
UserId="29527" --> Word Count (94)
UserId="29527" --> Word Count (3)
UserId="29527" --> Word Count (1)
UserId="29533" --> Word Count (106)
UserId="29533" --> Word Count (2)
UserId="29533" --> Word Count (1)
UserId="13727" --> Word Count (174)
UserId="13727" Comment="Add tokenization tag" --> Word Count (1)
UserId="10469" --> Word Count (62)
UserId="10469" --> Word Count (9)
UserId="10469" --> Word Count (1)
UserId="29365" --> Word Count (169)
UserId="29542" --> Word Count (28)
UserId="29542" --> Word Count (3)
UserId="29542" --> Word Count (1)
UserId="12384" --> Word Count (80)
UserId="21560" --> Word Count (207)
UserId="21560" --> Word Count (6)
UserId="21560" --> Word Count (1)
UserId="29479" --> Word Count (121)
UserId="29479" --> Word Count (10)
UserId="29479" --> Word Count (1)
UserId="28272" --> Word Count (40)
UserId="15620" --> Word Count (171)
UserId="15620" Comment="added 207 characters in body" --> Word Count (200)
UserId="28384" --> Word Count (42)

UserId="28384" --> Word Count (4)
 UserId="28384" --> Word Count (1)
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 UserId="29556" --> Word Count (203)
 UserId="24412" --> Word Count (193)
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 UserId="24412" --> Word Count (1)
 UserId="21" Comment="101" --> Word Count (2)
 UserId="21" Comment="102" --> Word Count (3)
 UserId="29238" Comment="Added important information, without which the answer is incomplete. The information is on the comments but should be part of the post."
 --> Word Count (134)
 UserId="29456" --> Word Count (439)
 UserId="29456" --> Word Count (12)
 UserId="29456" --> Word Count (1)
 UserId="29562" --> Word Count (122)
 UserId="29562" --> Word Count (5)
 UserId="29562" --> Word Count (1)
 UserId="29456" Comment="improved formatting" --> Word Count (455)
 UserId="29564" --> Word Count (61)
 UserId="29564" --> Word Count (9)
 UserId="29564" --> Word Count (1)
 UserId="29564" Comment="edited tags" --> Word Count (1)
 UserId="29353" Comment="added 359 characters in body, expanded answer" --> Word
 Count (265)
 UserId="27279" --> Word Count (372)
 UserId="27279" --> Word Count (14)
 UserId="27279" --> Word Count (1)
 UserId="8560" --> Word Count (117)
 UserId="29576" --> Word Count (46)
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 UserId="29435" --> Word Count (21)
 UserId="29435" Comment="via Vote" --> Word Count (1)
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 UserId="676" Comment="edited body" --> Word Count (195)
 UserId="29498" Comment="added 1156 characters in body" --> Word Count (376)
 UserId="29534" --> Word Count (70)
 UserId="29534" --> Word Count (9)
 UserId="29534" --> Word Count (1)

UserId="29582" --> Word Count (284)
 UserId="29587" --> Word Count (451)
 UserId="21" Comment="105" --> Word Count (2)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="29456" --> Word Count (166)
 UserId="15215" --> Word Count (118)
 UserId="15215" --> Word Count (5)
 UserId="15215" --> Word Count (1)
 UserId="29456" Comment="Added more of my code" --> Word Count (623)
 UserId="29456" Comment="Added more of my code" --> Word Count (703)
 UserId="29456" Comment="added code" --> Word Count (709)
 UserId="4647" --> Word Count (189)
 UserId="29564" Comment="deleted 57 characters in body" --> Word Count (52)
 UserId="8560" --> Word Count (1766)
 UserId="29534" --> Word Count (43)
 UserId="27562" --> Word Count (35)
 UserId="8560" --> Word Count (85)
 UserId="13413" Comment="Added explanatory text" Text="You're close! You're just missing a `.rdd`! Try this:

 df.groupBy("Product_ID").agg(collect_list("Stock")).rdd.saveAs --> Word Count (1)
 UserId="13413" Comment="Edited for grammar and clarity" --> Word Count (27)
 UserId="13413" Comment="Edited for grammar, clarity, and style." --> Word Count (49)
 UserId="8560" Comment="added 2214 characters in body" --> Word Count (2100)
 UserId="8560" Comment="added 2214 characters in body" --> Word Count (2337)
 UserId="8560" --> Word Count (105)
 UserId="8560" Comment="added 1018 characters in body" --> Word Count (288)
 UserId="29587" --> Word Count (394)
 UserId="12206" --> Word Count (40)
 UserId="12206" --> Word Count (7)
 UserId="12206" --> Word Count (1)
 UserId="29587" --> Word Count (165)
 UserId="29606" --> Word Count (41)
 UserId="29606" --> Word Count (11)
 UserId="29606" --> Word Count (1)
 UserId="9123" --> Word Count (131)
 UserId="24000" --> Word Count (183)
 UserId="471" --> Word Count (144)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="29616" --> Word Count (39)
 UserId="29616" --> Word Count (5)
 UserId="29616" --> Word Count (1)
 UserId="29618" --> Word Count (37)
 UserId="29618" --> Word Count (19)
 UserId="29618" --> Word Count (1)
 UserId="29618" Comment="added 2 characters in body; edited title" --> Word Count (37)
 UserId="29618" Comment="added 2 characters in body; edited title" --> Word

Count (13)
UserId="8262" --> Word Count (18)
UserId="11097" Comment="edited title" --> Word Count (7)
UserId="843" Comment="edited tags" --> Word Count (1)
UserId="843" --> Word Count (26)
UserId="843" --> Word Count (7)
UserId="843" --> Word Count (1)
UserId="843" Comment="added 835 characters in body" --> Word Count (159)
UserId="28628" --> Word Count (54)
UserId="29204" --> Word Count (140)
UserId="29204" --> Word Count (8)
UserId="29204" --> Word Count (1)
UserId="836" --> Word Count (223)
UserId="836" Comment="added 10 characters in body" --> Word Count (224)
UserId="836" Comment="added 77 characters in body" --> Word Count (238)
UserId="19214" --> Word Count (13)
UserId="29635" --> Word Count (44)
UserId="29635" --> Word Count (13)
UserId="29635" --> Word Count (1)
UserId="21707" --> Word Count (119)
UserId="21707" --> Word Count (7)
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UserId="14981" --> Word Count (1)
UserId="29639" --> Word Count (256)
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UserId="29639" --> Word Count (1)
UserId="21" Comment="104" --> Word Count (3)
UserId="21" Comment="103" --> Word Count (2)
UserId="8501" Comment="Improve clarity" --> Word Count (52)
UserId="8501" Comment="Improve clarity" --> Word Count (7)
UserId="29639" Comment="deleted 216 characters in body; edited title" --> Word Count (226)
UserId="29639" Comment="deleted 216 characters in body; edited title" --> Word Count (5)
UserId="14981" Comment="adding colour-scale image" --> Word Count (144)
UserId="14981" Comment="adding colour-scale image" --> Word Count (11)
UserId="29644" --> Word Count (61)
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UserId="29644" --> Word Count (1)
UserId="924" --> Word Count (138)
UserId="21" Comment="103" --> Word Count (2)
UserId="29644" Comment="More information on the topic. " --> Word Count (90)
UserId="29644" Comment="added more information to the question" --> Word Count (96)
UserId="10462" --> Word Count (226)

UserId="10462" --> Word Count (7)
 UserId="10462" --> Word Count (1)
 UserId="28347" Comment="removed thank you" --> Word Count (59)
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 UserId="29169" --> Word Count (11)
 UserId="29169" --> Word Count (1)
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 UserId="29656" --> Word Count (17)
 UserId="29656" --> Word Count (1)
 UserId="843" Comment="deleted 63 characters in body" --> Word Count (79)
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 UserId="29664" --> Word Count (57)
 UserId="29664" --> Word Count (12)
 UserId="29664" --> Word Count (1)
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 UserId="843" --> Word Count (8)
 UserId="843" --> Word Count (1)
 UserId="29527" Comment="added 557 characters in body" --> Word Count (201)
 UserId="-1" Comment="The content of the question refers to multi-class
 classification. Multi-label classification is not the same." --> Word Count
 (217)
 UserId="-1" Comment="The content of the question refers to multi-class
 classification. Multi-label classification is not the same." --> Word Count (9)
 UserId="29677" --> Word Count (187)
 UserId="29677" --> Word Count (6)
 UserId="29677" --> Word Count (1)
 UserId="24412" --> Word Count (99)
 UserId="29000" --> Word Count (1079)
 UserId="29000" --> Word Count (11)
 UserId="29000" --> Word Count (1)
 UserId="15620" --> Word Count (383)
 UserId="25755" Comment="typos" --> Word Count (429)
 UserId="15620" Comment="grammar clean up" --> Word Count (178)
 UserId="13413" Comment="grammar clean up; edited for style." --> Word Count
 (171)
 UserId="29685" --> Word Count (106)
 UserId="24158" --> Word Count (105)
 UserId="24158" --> Word Count (10)
 UserId="24158" --> Word Count (1)
 UserId="11097" Comment="added 3 characters in body; edited tags" --> Word Count
 (106)
 UserId="11097" Comment="added 3 characters in body; edited tags" --> Word Count
 (1)
 UserId="27632" --> Word Count (88)
 UserId="29690" --> Word Count (182)
 UserId="29695" --> Word Count (17)

UserId="29695" --> Word Count (16)
UserId="29695" --> Word Count (1)
UserId="29692" --> Word Count (55)
UserId="29692" --> Word Count (107)
UserId="15685" --> Word Count (111)
UserId="29701" --> Word Count (127)
UserId="29701" --> Word Count (2)
UserId="29701" --> Word Count (1)
UserId="29701" --> Word Count (202)
UserId="29701" --> Word Count (3)
UserId="29701" --> Word Count (1)
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UserId="21" Comment="102" --> Word Count (2)
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UserId="28694" --> Word Count (1)
UserId="29714" --> Word Count (33)
UserId="29714" --> Word Count (6)
UserId="29714" --> Word Count (1)
UserId="29714" Comment="added 35 characters in body" --> Word Count (33)
UserId="13727" --> Word Count (216)
UserId="13727" Comment="Added data-leakage tag" --> Word Count (1)
UserId="29664" Comment="Added source data info and model structure" --> Word Count (64)
UserId="29664" Comment="Edit tags" --> Word Count (1)
UserId="13382" --> Word Count (112)
UserId="29714" Comment="added 2273 characters in body" --> Word Count (802)
UserId="29714" --> Word Count (58)
UserId="29714" --> Word Count (9)
UserId="27647" --> Word Count (117)
UserId="27647" --> Word Count (6)
UserId="27647" --> Word Count (1)
UserId="2750" --> Word Count (68)
UserId="2750" --> Word Count (8)
UserId="2750" --> Word Count (1)
UserId="29729" --> Word Count (31)
UserId="29729" --> Word Count (22)
UserId="29729" --> Word Count (1)
UserId="24158" Comment="added 1 character in body" --> Word Count (106)
UserId="2750" Comment="edited title" --> Word Count (10)
UserId="24158" --> Word Count (319)
UserId="29534" --> Word Count (473)
UserId="29534" --> Word Count (3)
UserId="29534" --> Word Count (1)
UserId="23701" --> Word Count (187)
UserId="23701" --> Word Count (7)
UserId="23701" --> Word Count (1)

UserId="8820" --> Word Count (20)
 UserId="8820" --> Word Count (9)
 UserId="8820" --> Word Count (1)
 UserId="8820" Comment="added 73 characters in body" --> Word Count (27)
 UserId="14904" --> Word Count (80)
 UserId="14904" --> Word Count (46)
 UserId="1077" --> Word Count (148)
 UserId="836" --> Word Count (299)
 UserId="29731" --> Word Count (77)
 UserId="29731" --> Word Count (7)
 UserId="29731" --> Word Count (1)
 UserId="836" Comment="deleted 134 characters in body" --> Word Count (279)
 UserId="836" Comment="Rollback to [65d976d1-03c9-4ce7-9b77-9e24bd4d1629]" -->
 Word Count (299)
 UserId="29732" --> Word Count (155)
 UserId="29732" --> Word Count (11)
 UserId="29732" --> Word Count (1)
 UserId="836" Comment="added 667 characters in body" --> Word Count (349)
 UserId="836" Comment="added 667 characters in body" --> Word Count (433)
 UserId="836" Comment="added 220 characters in body" --> Word Count (467)
 UserId="29714" --> Word Count (44)
 UserId="29714" --> Word Count (6)
 UserId="29714" --> Word Count (1)
 UserId="25507" --> Word Count (20)
 UserId="29534" Comment="reconsidered formula for numHashTables" --> Word Count
 (477)
 UserId="29735" --> Word Count (97)
 UserId="29735" --> Word Count (7)
 UserId="29735" --> Word Count (1)
 UserId="12202" --> Word Count (1437)
 UserId="12202" --> Word Count (10)
 UserId="12202" --> Word Count (1)
 UserId="12202" --> Word Count (56)
 UserId="12202" --> Word Count (15)
 UserId="12202" --> Word Count (1)
 UserId="23305" --> Word Count (76)
 UserId="15685" Comment="Added explanation on how to install opencv -- a
 dependency for some widgets." --> Word Count (139)
 UserId="12202" Comment="edited title" --> Word Count (15)
 UserId="25429" --> Word Count (110)
 UserId="25429" --> Word Count (4)
 UserId="25429" --> Word Count (1)
 UserId="9123" --> Word Count (88)
 UserId="25429" Comment="added 24 characters in body" --> Word Count (115)
 UserId="29744" --> Word Count (15)
 UserId="11097" Comment="added 2 characters in body" --> Word Count (15)
 UserId="29746" --> Word Count (46)
 UserId="23701" Comment="added 116 characters in body" --> Word Count (227)

UserId="27647" Comment="edited title" --> Word Count (8)
 UserId="15613" Comment="added 32 characters in body" --> Word Count (92)
 UserId="836" --> Word Count (114)
 UserId="836" Comment="added 293 characters in body" --> Word Count (152)
 UserId="17208" --> Word Count (134)
 UserId="17208" --> Word Count (10)
 UserId="17208" --> Word Count (1)
 UserId="29749" --> Word Count (52)
 UserId="29744" Comment="deleted 8 characters in body" --> Word Count (15)
 UserId="29744" Comment="added 9 characters in body" --> Word Count (15)
 UserId="15664" --> Word Count (79)
 UserId="15664" --> Word Count (6)
 UserId="15664" --> Word Count (1)
 UserId="15664" Comment="added 207 characters in body" --> Word Count (108)
 UserId="13821" --> Word Count (49)
 UserId="836" --> Word Count (302)
 UserId="836" Comment="added 26 characters in body" --> Word Count (301)
 UserId="21560" --> Word Count (24)
 UserId="21560" --> Word Count (9)
 UserId="21560" --> Word Count (1)
 UserId="17208" Comment="added 1 character in body" --> Word Count (134)
 UserId="843" Comment="edited tags" --> Word Count (1)
 UserId="843" Comment="edited tags" --> Word Count (1)
 UserId="843" Comment="edited tags" --> Word Count (1)
 UserId="15480" --> Word Count (147)
 UserId="29768" --> Word Count (71)
 UserId="29768" --> Word Count (5)
 UserId="29768" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="29587" Comment="edited body" --> Word Count (394)
 UserId="8501" Comment="It makes a difference which regressor/classifier you're using" --> Word Count (11)
 UserId="29771" --> Word Count (45)
 UserId="29771" --> Word Count (6)
 UserId="29771" --> Word Count (1)
 UserId="27735" --> Word Count (177)
 UserId="27735" --> Word Count (4)
 UserId="27735" --> Word Count (1)
 UserId="1077" --> Word Count (222)
 UserId="29772" --> Word Count (217)
 UserId="29772" --> Word Count (9)
 UserId="29772" --> Word Count (1)
 UserId="28628" --> Word Count (84)
 UserId="28628" --> Word Count (27)
 UserId="29714" Comment="Fixed comments" --> Word Count (100)
 UserId="27519" --> Word Count (98)
 UserId="27519" --> Word Count (5)

UserId="27519" --> Word Count (1)
 UserId="29587" --> Word Count (78)
 UserId="29587" Comment="added 20 characters in body" --> Word Count (81)
 UserId="21473" Comment="added 51 characters in body" --> Word Count (386)
 UserId="29008" --> Word Count (333)
 UserId="29008" --> Word Count (12)
 UserId="29008" --> Word Count (1)
 UserId="29008" Comment="added 194 characters in body" --> Word Count (174)
 UserId="15613" Comment="edited body" --> Word Count (92)
 UserId="15613" Comment="deleted 155 characters in body" --> Word Count (75)
 UserId="29008" Comment="added 4 characters in body" --> Word Count (174)
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 UserId="12202" --> Word Count (10)
 UserId="12202" --> Word Count (1)
 UserId="15325" Comment="improve format" --> Word Count (296)
 UserId="15930" --> Word Count (123)
 UserId="15930" --> Word Count (4)
 UserId="15930" --> Word Count (1)
 UserId="15930" Comment="Clarification" --> Word Count (142)
 UserId="25429" --> Word Count (352)
 UserId="25429" --> Word Count (9)
 UserId="25429" --> Word Count (1)
 UserId="8560" Comment="Clean up post. Ask "how";, not just a yes/no question -- that admits more useful answers." --> Word Count (84)
 UserId="8560" Comment="Clean up post. Ask "how";, not just a yes/no question -- that admits more useful answers." --> Word Count (7)
 UserId="8560" Comment="Clean up post. Ask "how";, not just a yes/no question -- that admits more useful answers." --> Word Count (1)
 UserId="29788" --> Word Count (57)
 UserId="29790" --> Word Count (119)
 UserId="29790" --> Word Count (9)
 UserId="29790" --> Word Count (1)
 UserId="10327" Comment="Corrected spelling mistake "coll";,and added reference for npy" --> Word Count (438)
 UserId="12384" Comment="Corrected spelling mistake "coll";,and added reference for npy" --> Word Count (435)
 UserId="8878" Comment="Graphs are mathematical object. This question is about "Plots/Visualization";" --> Word Count (217)
 UserId="8878" Comment="Graphs are mathematical object. This question is about "Plots/Visualization";" --> Word Count (1)
 UserId="21560" Comment="added 1 character in body" --> Word Count (24)
 UserId="29799" --> Word Count (82)
 UserId="29801" --> Word Count (122)
 UserId="29801" Comment="deleted 166 characters in body" --> Word Count (92)
 UserId="5091" --> Word Count (83)
 UserId="5091" --> Word Count (9)
 UserId="5091" --> Word Count (1)
 UserId="29806" --> Word Count (116)

UserId="29806" --> Word Count (7)
 UserId="29806" --> Word Count (1)
 UserId="17947" --> Word Count (70)
 UserId="17947" --> Word Count (10)
 UserId="17947" --> Word Count (1)
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 UserId="25429" Comment="Found a solution - changed question due to different issue." --> Word Count (10)
 UserId="25429" Comment="Found a solution - changed question due to different issue." --> Word Count (1)
 UserId="381" --> Word Count (53)
 UserId="676" --> Word Count (228)
 UserId="23305" --> Word Count (59)
 UserId="10620" --> Word Count (256)
 UserId="10620" Comment="explanation added" --> Word Count (273)
 UserId="29169" --> Word Count (83)
 UserId="29169" --> Word Count (8)
 UserId="29169" --> Word Count (1)
 UserId="9197" --> Word Count (155)
 UserId="9197" --> Word Count (6)
 UserId="9197" --> Word Count (1)
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 UserId="29822" --> Word Count (186)
 UserId="29822" --> Word Count (8)
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 UserId="17696" --> Word Count (3)
 UserId="17696" --> Word Count (1)
 UserId="29824" --> Word Count (223)
 UserId="29824" --> Word Count (18)
 UserId="29824" --> Word Count (1)
 UserId="29824" Comment="added 34 characters in body" --> Word Count (223)
 UserId="28628" Comment="formatting" --> Word Count (303)
 UserId="29824" Comment="formatting" --> Word Count (325)
 UserId="28628" --> Word Count (59)
 UserId="28628" --> Word Count (30)
 UserId="836" Comment="adding links to tutorials" --> Word Count (247)
 UserId="836" Comment="adding links to tutorials" --> Word Count (250)
 UserId="26108" --> Word Count (76)
 UserId="26108" --> Word Count (3)
 UserId="26108" --> Word Count (1)
 UserId="836" Comment="added 115 characters in body" --> Word Count (268)
 UserId="-1" Comment="replaced <http://s13.postimg.org/> with <https://s13.postimg.org/>" --> Word Count (59)
 UserId="-1" Comment="replaced <http://www.tensorflow.org/> with <https://www.tensorflow.org/>" --> Word Count (390)
 UserId="-1" Comment="replaced <http://image.slidesharecdn.com/> with

<https://image.slidesharecdn.com/> --> Word Count (9)
 UserId="-1" Comment="replaced <http://colah.github.io/> with <https://colah.github.io/>" --> Word Count (249)
 UserId="-1" Comment="replaced <http://cs231n.github.io/> with <https://cs231n.github.io/>" --> Word Count (382)
 UserId="-1" Comment="replaced <http://www.unirioja.es/> with <https://www.unirioja.es/>" --> Word Count (384)
 UserId="-1" Comment="replaced <http://latex.codecogs.com/> with <https://latex.codecogs.com/>" --> Word Count (210)
 UserId="836" Comment="added 521 characters in body" --> Word Count (358)
 UserId="26108" Comment="add equation" --> Word Count (133)
 UserId="28129" --> Word Count (56)
 UserId="28129" Comment="added 6 characters in body" --> Word Count (57)
 UserId="20330" Comment="format code block using markdown" --> Word Count (503)
 UserId="29799" --> Word Count (91)
 UserId="29799" --> Word Count (4)
 UserId="29799" --> Word Count (1)
 UserId="28129" Comment="added 764 characters in body" --> Word Count (210)
 UserId="2576" --> Word Count (152)
 UserId="29799" --> Word Count (175)
 UserId="21024" --> Word Count (56)
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 UserId="836" Comment="deleted 6 characters in body" --> Word Count (358)
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 UserId="23240" --> Word Count (40)
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 UserId="29714" --> Word Count (7)
 UserId="29714" --> Word Count (1)
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 UserId="29841" --> Word Count (152)
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 UserId="12202" --> Word Count (111)
 UserId="12202" --> Word Count (6)
 UserId="12202" --> Word Count (1)
 UserId="12202" Comment="added 44 characters in body" --> Word Count (97)
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 UserId="5179" --> Word Count (9)

UserId="5179" --> Word Count (1)
 UserId="12202" --> Word Count (177)
 UserId="12202" --> Word Count (13)
 UserId="12202" --> Word Count (1)
 UserId="9197" --> Word Count (101)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="21" Comment="105" --> Word Count (3)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="843" Comment="added 88 characters in body" --> Word Count (12)
 UserId="21749" Comment="added 41 characters in body" --> Word Count (235)
 UserId="10810" --> Word Count (45)
 UserId="10810" --> Word Count (5)
 UserId="10810" --> Word Count (1)
 UserId="29864" --> Word Count (44)
 UserId="29864" --> Word Count (6)
 UserId="29864" --> Word Count (1)
 UserId="29862" --> Word Count (103)
 UserId="29862" --> Word Count (11)
 UserId="29862" --> Word Count (1)
 UserId="29865" --> Word Count (145)
 UserId="29865" --> Word Count (11)
 UserId="29865" --> Word Count (1)
 UserId="836" --> Word Count (130)
 UserId="29399" --> Word Count (109)
 UserId="29399" --> Word Count (12)
 UserId="29399" --> Word Count (1)
 UserId="29790" Comment="added an example" --> Word Count (206)
 UserId="29790" Comment="typo" --> Word Count (198)
 UserId="19014" --> Word Count (220)
 UserId="29790" Comment="typo fix + remade example to be more fitting to my original question" --> Word Count (187)
 UserId="29771" --> Word Count (208)
 UserId="29771" --> Word Count (9)
 UserId="29771" --> Word Count (1)
 UserId="29771" Comment="added 55 characters in body" --> Word Count (237)
 UserId="29771" Comment="added 1 character in body" --> Word Count (261)
 UserId="29771" Comment="deleted 2 characters in body" --> Word Count (261)
 UserId="924" --> Word Count (74)
 UserId="924" Comment="added 123 characters in body; added 10 characters in body" --> Word Count (85)
 UserId="924" Comment="deleted 9 characters in body; added 71 characters in body" --> Word Count (98)
 UserId="-1" --> Word Count (1)
 UserId="29862" Comment="deleted 128 characters in body; edited tags; edited

title" --> Word Count (78)
 UserId="29862" Comment="deleted 128 characters in body; edited tags; edited
 title" --> Word Count (11)
 UserId="29862" Comment="deleted 128 characters in body; edited tags; edited
 title" --> Word Count (1)
 UserId="29204" --> Word Count (22)
 UserId="29204" --> Word Count (8)
 UserId="29204" --> Word Count (1)
 UserId="28628" --> Word Count (224)
 UserId="29878" --> Word Count (139)
 UserId="29878" --> Word Count (7)
 UserId="29878" --> Word Count (1)
 UserId="29771" Comment="deleted 59 characters in body" --> Word Count (260)
 UserId="28628" --> Word Count (117)
 UserId="28628" --> Word Count (45)
 UserId="28628" --> Word Count (18)
 UserId="28628" Comment="added 24 characters in body" --> Word Count (55)
 UserId="29886" --> Word Count (324)
 UserId="29886" --> Word Count (14)
 UserId="29886" --> Word Count (1)
 UserId="27768" --> Word Count (186)
 UserId="27768" --> Word Count (6)
 UserId="27768" --> Word Count (1)
 UserId="21198" --> Word Count (93)
 UserId="21198" --> Word Count (3)
 UserId="21198" --> Word Count (1)
 UserId="29896" --> Word Count (178)
 UserId="29900" --> Word Count (51)
 UserId="29900" --> Word Count (5)
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 UserId="29897" --> Word Count (75)
 UserId="29897" --> Word Count (4)
 UserId="29897" --> Word Count (1)
 UserId="29644" --> Word Count (91)
 UserId="29644" --> Word Count (6)
 UserId="29644" --> Word Count (1)
 UserId="29905" --> Word Count (418)
 UserId="26562" --> Word Count (91)
 UserId="21560" --> Word Count (162)
 UserId="21560" --> Word Count (8)
 UserId="21560" --> Word Count (1)
 UserId="21024" --> Word Count (73)
 UserId="29914" --> Word Count (424)
 UserId="29914" --> Word Count (7)
 UserId="29914" --> Word Count (1)
 UserId="29916" --> Word Count (94)
 UserId="29915" --> Word Count (138)
 UserId="29905" --> Word Count (172)

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UserId="29905" --> Word Count (332)
UserId="29921" --> Word Count (25)
UserId="29921" --> Word Count (6)
UserId="29921" --> Word Count (1)
UserId="29922" --> Word Count (51)
UserId="21560" --> Word Count (309)
UserId="21560" --> Word Count (7)
UserId="21560" --> Word Count (1)
UserId="29897" --> Word Count (29)
UserId="29914" Comment="Edit resulting from comment" --> Word Count (403)
UserId="26643" Text="The **tensorflow example CIFAR10** uses **input pipelines**
to load data from the disk to a queue. I would like to implement this for my own
models, but I run into an error that I can't fix somehow. My minimal example
looks like the following (taken from the tutorials:
https://www.tensorflow.org/programmers\_guide/reading\_data):&#xD;&#xA;&#xD;&#xA;
def read_sample_of_csv(filename_queue):&#xD;&#xA;&#xD;&#xA;          # Define
Reader&#xD;&#xA;          reader = tf. --> Word Count (340)
UserId="26643" --> Word Count (6)
UserId="26643" --> Word Count (1)
UserId="29905" --> Word Count (119)
UserId="29930" --> Word Count (71)
UserId="29930" --> Word Count (10)
UserId="29930" --> Word Count (1)
UserId="8820" --> Word Count (44)
UserId="836" --> Word Count (463)
UserId="836" Comment="added 12 characters in body" --> Word Count (472)
UserId="836" Comment="added 330 characters in body" --> Word Count (536)
UserId="29931" --> Word Count (764)
UserId="29931" --> Word Count (6)
UserId="29931" --> Word Count (1)
UserId="29939" Comment="Corrected link to Wikipedia and other minor changes"
--> Word Count (348)
UserId="12206" --> Word Count (173)
UserId="12206" --> Word Count (5)
UserId="12206" --> Word Count (1)
UserId="29399" --> Word Count (53)
UserId="29949" --> Word Count (57)
UserId="29953" --> Word Count (32)
UserId="29952" --> Word Count (90)
UserId="29952" --> Word Count (12)
UserId="29952" --> Word Count (1)
UserId="13727" --> Word Count (182)
UserId="13727" Comment="Added optimization tag" --> Word Count (1)
UserId="29957" --> Word Count (263)
UserId="29957" --> Word Count (7)
UserId="29957" --> Word Count (1)
UserId="29960" --> Word Count (229)
UserId="27616" --> Word Count (56)

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UserId="27616" --> Word Count (5)
UserId="27616" --> Word Count (1)
UserId="10620" Comment="typo corrected" --> Word Count (273)
UserId="28860" --> Word Count (145)
UserId="28860" --> Word Count (12)
UserId="28860" --> Word Count (1)
UserId="29968" --> Word Count (157)
UserId="29968" --> Word Count (12)
UserId="29968" --> Word Count (1)
UserId="29968" Comment="added 70 characters in body" --> Word Count (169)
UserId="29534" --> Word Count (27)
UserId="29534" --> Word Count (3)
UserId="29534" --> Word Count (1)
UserId="29968" Comment="added 4 characters in body" --> Word Count (170)
UserId="378" --> Word Count (172)
UserId="29723" --> Word Count (33)
UserId="676" --> Word Count (89)
UserId="29723" --> Word Count (22)
UserId="29723" --> Word Count (60)
UserId="26589" --> Word Count (121)
UserId="26589" --> Word Count (6)
UserId="26589" --> Word Count (1)
UserId="25755" Comment="added 46 characters in body" --> Word Count (218)
UserId="15527" --> Word Count (43)
UserId="28628" --> Word Count (32)
UserId="29981" --> Word Count (53)
UserId="29981" --> Word Count (3)
UserId="29981" --> Word Count (1)
UserId="10717" --> Word Count (132)
UserId="10717" --> Word Count (4)
UserId="10717" --> Word Count (1)
UserId="29987" --> Word Count (55)
UserId="29723" Comment="fixed spelling" --> Word Count (33)
UserId="29989" --> Word Count (59)
UserId="29989" --> Word Count (11)
UserId="29989" --> Word Count (1)
UserId="8432" --> Word Count (154)
UserId="8432" --> Word Count (15)
UserId="8432" --> Word Count (1)
UserId="8432" Comment="added 245 characters in body" --> Word Count (188)
UserId="676" --> Word Count (118)
UserId="836" --> Word Count (118)
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- as noted, preprocessing step plays a very important role here. in text mining it is likely to get trapped inside the curse of dimensionality, since you probably have say around 1000 documents but more than 15000 unique words in a dataset. techniques such as stemming and lemmatizing, static and dynamic stopword and punctuation erasing all aim solving this issue. So preprocessing and feature extraction is not an option. it is a MUST

- Naive Bayes model is a linear classifier. Even though it is a very popular algorithm in text classification, there are still risks of rising such problems as yours. the main reason could be that your word-space matrix is highly sparse. you must have paid

attention to the fact that in calculating the posterior probability of belonging to a class, Naive Bayes, naively multiplies all single probabilities of $P(y|x_i)$. and if there is at least one zero probability, your final answer would be zero, no matter what other inverse observation probabilities are. If you have implemented the algorithm yourself, try already-constructed tools in MATLAB, Python sci-kit learn library, or data mining softwares like KNIME and RapidMiner. they have delicately handled such practical issues in implementing Naive Bayes algorithm.

http://www.goodreads.com/book/show/893219.The_ --> Word Count (1)

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I've tried --> Word Count (40)
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CNN

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model:&#xD;&#xA;&#xD;&#xA;    class --> Word Count (1049)
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 UserId="381" Comment="added 110 characters in body" --> Word Count (82)
 UserId="29714" --> Word Count (668)
 UserId="16162" --> Word Count (275)
 UserId="16162" --> Word Count (7)
 UserId="16162" --> Word Count (1)
 UserId="30355" --> Word Count (112)
 UserId="30355" --> Word Count (5)

UserId="30355" --> Word Count (1)
UserId="29575" Comment="Update broken link" --> Word Count (189)
UserId="16162" Comment="added 2 characters in body; edited title" --> Word Count (275)
UserId="16162" Comment="added 2 characters in body; edited title" --> Word Count (8)
UserId="16162" Comment="added 1398 characters in body" --> Word Count (601)
UserId="836" --> Word Count (278)
UserId="836" --> Word Count (10)
UserId="836" --> Word Count (1)
UserId="17290" --> Word Count (132)
UserId="30261" Comment="edited tags" --> Word Count (1)
UserId="30359" --> Word Count (91)
UserId="30359" --> Word Count (10)
UserId="30359" --> Word Count (1)
UserId="18626" --> Word Count (66)
UserId="30363" --> Word Count (372)
UserId="30363" --> Word Count (11)
UserId="30363" --> Word Count (1)
UserId="29206" --> Word Count (34)
UserId="29206" --> Word Count (14)
UserId="29206" --> Word Count (1)
UserId="29428" --> Word Count (96)
UserId="29428" --> Word Count (16)
UserId="29428" --> Word Count (1)
UserId="30370" --> Word Count (141)
UserId="30370" --> Word Count (8)
UserId="30370" --> Word Count (1)
UserId="28337" --> Word Count (140)
UserId="30107" --> Word Count (176)
UserId="10938" --> Word Count (87)
UserId="10938" --> Word Count (15)
UserId="10938" --> Word Count (1)
UserId="30210" --> Word Count (797)
UserId="30210" --> Word Count (11)
UserId="30210" --> Word Count (1)
UserId="30376" --> Word Count (61)
UserId="30376" --> Word Count (8)
UserId="30376" --> Word Count (1)
UserId="30381" --> Word Count (223)
UserId="30381" --> Word Count (5)
UserId="30381" --> Word Count (1)
UserId="12206" --> Word Count (55)
UserId="12206" --> Word Count (8)
UserId="12206" --> Word Count (1)
UserId="30385" --> Word Count (113)
UserId="30385" --> Word Count (88)
UserId="17696" --> Word Count (85)

UserId="17696" Comment="added 562 characters in body; deleted 3 characters in body" --> Word Count (195)
 UserId="30396" --> Word Count (100)
 UserId="30396" --> Word Count (9)
 UserId="30396" --> Word Count (1)
 UserId="29575" Comment="Fix broken link" --> Word Count (48)
 UserId="29824" --> Word Count (31)
 UserId="29824" --> Word Count (9)
 UserId="29824" --> Word Count (1)
 UserId="24895" --> Word Count (49)
 UserId="381" Comment="added 40 characters in body" --> Word Count (95)
 UserId="30170" Comment="added 327 characters in body" --> Word Count (669)
 UserId="8560" --> Word Count (142)
 UserId="30370" --> Word Count (251)
 UserId="30370" --> Word Count (4)
 UserId="30370" --> Word Count (1)
 UserId="30370" --> Word Count (19)
 UserId="30170" Comment="added 339 characters in body" --> Word Count (733)
 UserId="8560" --> Word Count (90)
 UserId="10273" Comment="added a tag" --> Word Count (1)
 UserId="30376" Comment="update" --> Word Count (93)
 UserId="17696" --> Word Count (46)
 UserId="7812" --> Word Count (40)
 UserId="7812" --> Word Count (10)
 UserId="7812" --> Word Count (1)
 UserId="7812" Comment="added 7 characters in body" --> Word Count (40)
 UserId="30043" --> Word Count (229)
 UserId="30043" Comment="correction in formula presented in case 2" --> Word Count (231)
 UserId="19275" --> Word Count (169)
 UserId="19275" Comment="added 7 characters in body" --> Word Count (171)
 UserId="29431" --> Word Count (23)
 UserId="29431" --> Word Count (8)
 UserId="29431" --> Word Count (1)
 UserId="30210" --> Word Count (27)
 UserId="11007" --> Word Count (17)
 UserId="27767" --> Word Count (81)
 UserId="27767" --> Word Count (8)
 UserId="27767" --> Word Count (1)
 UserId="30212" --> Word Count (69)
 UserId="30425" --> Word Count (441)
 UserId="29217" --> Word Count (68)
 UserId="30376" --> Word Count (83)
 UserId="30376" --> Word Count (12)
 UserId="30376" --> Word Count (1)
 UserId="30435" Text="I am creating a" --> Word Count (372)
 UserId="30435" Text="python - What is the format of the WAV file for a" --> Word Count (5)

UserId="30435" --> Word Count (1)
 UserId="30376" Comment="update content" --> Word Count (72)
 UserId="29587" --> Word Count (218)
 UserId="30376" Comment="deleted 1 character in body" --> Word Count (71)
 UserId="29587" --> Word Count (315)
 UserId="30440" --> Word Count (96)
 UserId="30440" --> Word Count (14)
 UserId="30440" --> Word Count (1)
 UserId="8149" --> Word Count (220)
 UserId="30227" --> Word Count (87)
 UserId="30227" --> Word Count (7)
 UserId="30227" --> Word Count (1)
 UserId="30370" Comment="edited title" --> Word Count (4)
 UserId="30450" --> Word Count (80)
 UserId="30450" --> Word Count (14)
 UserId="30450" --> Word Count (1)
 UserId="18843" --> Word Count (113)
 UserId="29788" --> Word Count (334)
 UserId="30363" Comment="updated the problem statement and findings till now."
 --> Word Count (696)
 UserId="29788" Comment="added 10 characters in body" --> Word Count (335)
 UserId="29788" Comment="added 10 characters in body" --> Word Count (349)
 UserId="25597" --> Word Count (185)
 UserId="25597" --> Word Count (9)
 UserId="25597" --> Word Count (1)
 UserId="30459" --> Word Count (239)
 UserId="30459" --> Word Count (7)
 UserId="30459" --> Word Count (1)
 UserId="25597" Comment="added 34 characters in body" --> Word Count (189)
 UserId="30227" Comment="added 1 character in body" --> Word Count (88)
 UserId="836" --> Word Count (281)
 UserId="836" Comment="added 434 characters in body" --> Word Count (366)
 UserId="29771" --> Word Count (41)
 UserId="29771" --> Word Count (4)
 UserId="29771" --> Word Count (1)
 UserId="29788" Comment="added 3 characters in body" --> Word Count (350)
 UserId="30435" Comment="added 842 characters in body" Text="I am creating a -->
 Word Count (519)
 UserId="29771" Comment="edited body" --> Word Count (41)
 UserId="30473" --> Word Count (123)
 UserId="30473" --> Word Count (3)
 UserId="30473" --> Word Count (1)
 UserId="30459" --> Word Count (178)
 UserId="5091" --> Word Count (89)
 UserId="5091" --> Word Count (4)
 UserId="5091" --> Word Count (1)
 UserId="836" Comment="added 89 characters in body" --> Word Count (382)
 UserId="29587" --> Word Count (65)

UserId="29353" --> Word Count (63)
 UserId="30459" Comment="added 130 characters in body" --> Word Count (201)
 UserId="29788" Comment="added 1613 characters in body" --> Word Count (593)
 UserId="30478" --> Word Count (99)
 UserId="30478" --> Word Count (5)
 UserId="30478" --> Word Count (1)
 UserId="29788" Comment="added 68 characters in body" --> Word Count (624)
 UserId="29788" --> Word Count (62)
 UserId="29587" --> Word Count (714)
 UserId="30481" Comment="fixed grammar" --> Word Count (123)
 UserId="30473" Comment="fixed grammar" --> Word Count (123)
 UserId="29157" --> Word Count (124)
 UserId="29157" --> Word Count (7)
 UserId="29157" --> Word Count (1)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="29587" Comment="Terribly worded question. " --> Word Count (130)
 UserId="29587" Comment="Terribly worded question. " --> Word Count (11)
 UserId="29587" --> Word Count (165)
 UserId="26394" --> Word Count (47)
 UserId="25429" --> Word Count (347)
 UserId="25429" --> Word Count (13)
 UserId="25429" --> Word Count (1)
 UserId="25429" Comment="added 153 characters in body" --> Word Count (377)
 UserId="27469" --> Word Count (68)
 UserId="27469" --> Word Count (7)
 UserId="27469" --> Word Count (1)
 UserId="29587" --> Word Count (109)
 UserId="15064" --> Word Count (43)
 UserId="15064" --> Word Count (9)
 UserId="15064" --> Word Count (1)
 UserId="924" Comment="deleted 29 characters in body" --> Word Count (65)
 UserId="29587" Comment="added 191 characters in body" --> Word Count (140)
 UserId="30502" --> Word Count (61)
 UserId="30502" --> Word Count (20)
 UserId="30502" --> Word Count (1)
 UserId="30376" Comment="updated question" --> Word Count (82)
 UserId="30408" --> Word Count (81)
 UserId="25429" Comment="added 16 characters in body" --> Word Count (380)
 UserId="29788" --> Word Count (491)
 UserId="29788" Comment="better tiltle " --> Word Count (10)
 UserId="13727" --> Word Count (180)
 UserId="13727" Comment="Added multiple-hypothesis tag" --> Word Count (1)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="8820" --> Word Count (198)
 UserId="8820" --> Word Count (7)
 UserId="8820" --> Word Count (1)
 UserId="8820" Comment="added 355 characters in body; edited title" --> Word Count (254)

UserId="8820" Comment="added 355 characters in body; edited title" --> Word Count (8)
 UserId="25597" Comment="added 195 characters in body" --> Word Count (199)
 UserId="30527" --> Word Count (132)
 UserId="30520" --> Word Count (262)
 UserId="30240" --> Word Count (49)
 <DELETE> --> Word Count (104)
 UserId="29587" --> Word Count (160)
 UserId="32511" UserDisplayName="Larry" --> Word Count (177)
 UserId="32511" UserDisplayName="Larry" --> Word Count (7)
 UserId="32511" UserDisplayName="Larry" --> Word Count (1)
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 UserId="30532" --> Word Count (7)
 UserId="30532" --> Word Count (1)
 UserId="18513" --> Word Count (841)
 UserId="5091" --> Word Count (17)
 UserId="5091" --> Word Count (7)
 UserId="5091" --> Word Count (1)
 UserId="23581" --> Word Count (145)
 UserId="30212" --> Word Count (22)
 UserId="1426" --> Word Count (117)
 UserId="1426" --> Word Count (4)
 UserId="1426" --> Word Count (1)
 UserId="30173" --> Word Count (133)
 UserId="21198" --> Word Count (325)
 UserId="21198" --> Word Count (15)
 UserId="21198" --> Word Count (1)
 UserId="20372" --> Word Count (151)
 UserId="20372" Comment="added 152 characters in body" --> Word Count (172)
 UserId="30539" --> Word Count (452)
 UserId="30539" --> Word Count (6)
 UserId="30539" --> Word Count (1)
 UserId="30212" --> Word Count (19)
 UserId="29000" --> Word Count (1)
 UserId="18513" --> Word Count (56)
 UserId="30542" --> Word Count (175)
 UserId="26050" --> Word Count (58)
 UserId="26050" --> Word Count (4)
 UserId="26050" --> Word Count (1)
 UserId="30544" --> Word Count (55)
 UserId="30544" --> Word Count (12)
 UserId="30544" --> Word Count (1)
 UserId="20372" Comment="added 437 characters in body" --> Word Count (238)
 UserId="6448" --> Word Count (89)
 UserId="6448" --> Word Count (9)
 UserId="6448" --> Word Count (1)
 UserId="15620" --> Word Count (176)
 UserId="15620" --> Word Count (142)

UserId="30408" --> Word Count (55)
 UserId="30408" --> Word Count (79)
 UserId="30562" --> Word Count (41)
 UserId="30562" --> Word Count (2)
 UserId="30562" --> Word Count (1)
 UserId="8820" --> Word Count (41)
 UserId="8820" --> Word Count (8)
 UserId="8820" --> Word Count (1)
 UserId="8820" Comment="added 416 characters in body" --> Word Count (81)
 UserId="30566" --> Word Count (48)
 UserId="30566" --> Word Count (12)
 UserId="30566" --> Word Count (1)
 UserId="30567" --> Word Count (41)
 UserId="2750" --> Word Count (138)
 UserId="2750" --> Word Count (5)
 UserId="2750" --> Word Count (1)
 UserId="30575" --> Word Count (57)
 UserId="30578" --> Word Count (442)
 UserId="29960" --> Word Count (249)
 UserId="30519" --> Word Count (83)
 UserId="30519" --> Word Count (8)
 UserId="30519" --> Word Count (1)
 UserId="27469" --> Word Count (194)
 UserId="27469" --> Word Count (13)
 UserId="27469" --> Word Count (1)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="30597" --> Word Count (340)
 UserId="30597" --> Word Count (4)
 UserId="30597" --> Word Count (1)
 UserId="30599" --> Word Count (140)
 UserId="30599" --> Word Count (7)
 UserId="30599" --> Word Count (1)
 UserId="25407" --> Word Count (76)
 UserId="25407" --> Word Count (14)
 UserId="25407" --> Word Count (1)
 UserId="27469" Comment="Tags MarkUp" --> Word Count (398)
 UserId="30107" Comment="added 1900 characters in body" --> Word Count (493)
 UserId="30107" --> Word Count (242)
 UserId="8560" --> Word Count (160)
 UserId="29587" --> Word Count (646)
 UserId="30542" Comment="Explain forward as well and use \rightarrow instead of
 ->" --> Word Count (241)
 UserId="25915" --> Word Count (85)
 UserId="24593" --> Word Count (153)
 UserId="16911" --> Word Count (150)
 UserId="16911" --> Word Count (20)
 UserId="16911" --> Word Count (1)
 UserId="30227" --> Word Count (225)

UserId="30227" --> Word Count (8)
 UserId="30227" --> Word Count (1)
 UserId="30614" --> Word Count (52)
 UserId="30614" --> Word Count (13)
 UserId="30614" --> Word Count (1)
 UserId="26394" --> Word Count (78)
 UserId="3613" --> Word Count (195)
 UserId="3613" --> Word Count (4)
 UserId="3613" --> Word Count (1)
 UserId="29695" --> Word Count (20)
 UserId="29695" --> Word Count (11)
 UserId="29695" --> Word Count (1)
 UserId="23708" --> Word Count (10)
 UserId="30519" Comment="deleted 16 characters in body" --> Word Count (83)
 UserId="30622" --> Word Count (67)
 UserId="30622" --> Word Count (7)
 UserId="30622" --> Word Count (1)
 UserId="30623" --> Word Count (59)
 UserId="2961" --> Word Count (80)
 UserId="6448" --> Word Count (107)
 UserId="28475" --> Word Count (93)
 UserId="28475" --> Word Count (15)
 UserId="28475" --> Word Count (1)
 UserId="7922" --> Word Count (171)
 UserId="7922" --> Word Count (7)
 UserId="7922" --> Word Count (1)
 UserId="30212" --> Word Count (42)
 UserId="30212" --> Word Count (32)
 UserId="29587" --> Word Count (85)
 UserId="30212" --> Word Count (44)
 UserId="29793" --> Word Count (65)
 UserId="29173" --> Word Count (15)
 UserId="30624" --> Word Count (208)
 UserId="30624" --> Word Count (16)
 UserId="30624" --> Word Count (1)
 UserId="28475" Comment="Example added" --> Word Count (197)
 UserId="26444" --> Word Count (31)
 UserId="29587" --> Word Count (84)
 UserId="14372" Comment="Corrected hyperlink, added a bit of information" -->
 Word Count (41)
 UserId="30212" --> Word Count (82)
 UserId="22065" --> Word Count (155)
 UserId="22065" --> Word Count (7)
 UserId="22065" --> Word Count (1)
 UserId="836" Comment=""model-free" vs "has model" and
 "tabular" vs "function approximation" confused me when I
 first answered. This should fix it" --> Word Count (381)
 UserId="836" Comment="added 558 characters in body" --> Word Count (174)

UserId="16928" --> Word Count (262)
 UserId="16928" --> Word Count (7)
 UserId="16928" --> Word Count (1)
 UserId="924" --> Word Count (49)
 UserId="924" --> Word Count (59)
 UserId="25429" --> Word Count (626)
 UserId="25429" --> Word Count (14)
 UserId="25429" --> Word Count (1)
 UserId="25481" --> Word Count (93)
 UserId="14003" Comment="typos + a try to improve last sentence" --> Word Count (248)
 UserId="6550" --> Word Count (106)
 UserId="-1" Comment="103" --> Word Count (1)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="30437" Text="I came across two interesting papers which describe promising approaches for document classification
using word embedding.

[1] the first one is the fasttext algorithm
described in the paper : Bag of Tricks for Efficient Text Classification

https://arxiv.org/abs/1607.01759v3

there is also an explanation here:

https://web.stanford.edu/class/cs224n/lectures/cs224n-2017-lecture5-highlight.pdf


[2] the second one called DANs
described in the paper "Deep Unordered Composition Rivals Syntactic Methods for --> Word Count (37)
 UserId="30437" --> Word Count (12)
 UserId="30437" --> Word Count (1)
 UserId="26847" --> Word Count (106)
 UserId="26847" --> Word Count (6)
 UserId="26847" --> Word Count (1)
 UserId="30668" --> Word Count (330)
 UserId="30668" --> Word Count (10)
 UserId="30668" --> Word Count (1)
 UserId="26394" Comment="added new way..." --> Word Count (131)
 UserId="13727" --> Word Count (356)
 UserId="13727" Comment="removed irrelevant random forest tag, added representation tag" --> Word Count (1)
 UserId="30668" Comment="edited body" --> Word Count (330)
 UserId="30668" Comment="[Edit removed during grace period]" --> Word Count (330)
 UserId="30252" --> Word Count (340)
 UserId="30683" --> Word Count (186)
 UserId="30683" --> Word Count (10)
 UserId="30683" --> Word Count (1)
 UserId="9123" --> Word Count (134)
 UserId="9123" Comment="added 71 characters in body" --> Word Count (145)
 UserId="25429" Comment="Added question" --> Word Count (686)
 UserId="30683" Comment="Added implementation examples" --> Word Count (306)
 UserId="9123" Comment="added 3 characters in body" --> Word Count (145)
 UserId="9123" Comment="added 317 characters in body" --> Word Count (201)

UserId="30688" --> Word Count (132)
UserId="30688" --> Word Count (6)
UserId="30688" --> Word Count (1)
UserId="836" --> Word Count (115)
UserId="836" Comment="deleted 33 characters in body" --> Word Count (108)
UserId="30693" --> Word Count (54)
UserId="30693" --> Word Count (23)
UserId="30693" --> Word Count (1)
UserId="27469" --> Word Count (42)
UserId="27469" --> Word Count (7)
UserId="27469" --> Word Count (1)
UserId="28129" --> Word Count (59)
UserId="9123" --> Word Count (124)
UserId="27469" Comment="Updated with Code" --> Word Count (189)
UserId="30639" --> Word Count (2994)
UserId="30639" --> Word Count (6)
UserId="30639" --> Word Count (1)
UserId="378" --> Word Count (81)
UserId="12919" --> Word Count (69)
UserId="14586" --> Word Count (168)
UserId="14586" --> Word Count (9)
UserId="14586" --> Word Count (1)
UserId="17696" --> Word Count (207)
UserId="30693" Comment="Fixed Issues in the Question, Improved it for better understanding. (Did a typo with validation and test data)" --> Word Count (54)
UserId="29217" --> Word Count (83)
UserId="27469" Comment="Updated question with specific expectation" --> Word Count (233)
UserId="27469" Comment="Updated question with specific expectation" --> Word Count (16)
UserId="30408" --> Word Count (38)
UserId="21232" --> Word Count (48)
UserId="21232" --> Word Count (17)
UserId="21232" --> Word Count (1)
UserId="25429" --> Word Count (704)
UserId="25429" --> Word Count (3)
UserId="25429" --> Word Count (1)
UserId="8560" --> Word Count (65)
UserId="8560" --> Word Count (8)
UserId="8560" --> Word Count (1)
UserId="30709" --> Word Count (122)
UserId="30709" --> Word Count (5)
UserId="30709" --> Word Count (1)
UserId="21232" --> Word Count (179)
UserId="8560" Comment="added 960 characters in body; added 90 characters in body; added 23 characters in body" --> Word Count (245)
UserId="30538" --> Word Count (186)
UserId="30712" --> Word Count (70)

UserId="30712" --> Word Count (10)
 UserId="30712" --> Word Count (1)
 UserId="21232" Comment="answering followup question" --> Word Count (343)
 UserId="30639" Comment="Added the code that worked. It shows how step by step from preprocessing to the final result." --> Word Count (4047)
 UserId="29314" --> Word Count (36)
 UserId="29314" --> Word Count (6)
 UserId="29314" --> Word Count (1)
 UserId="30639" Comment="Added the code that worked. It shows how step by step from preprocessing to the final result." --> Word Count (4036)
 UserId="29891" --> Word Count (106)
 UserId="29891" --> Word Count (6)
 UserId="29891" --> Word Count (1)
 UserId="30714" --> Word Count (60)
 UserId="30714" --> Word Count (4)
 UserId="30714" --> Word Count (1)
 UserId="30635" --> Word Count (101)
 UserId="15620" --> Word Count (87)
 UserId="11113" --> Word Count (46)
 UserId="29206" --> Word Count (48)
 UserId="29206" --> Word Count (6)
 UserId="29206" --> Word Count (1)
 UserId="7763" --> Word Count (28)
 UserId="14586" Comment="Added Pseudocode" --> Word Count (899)
 UserId="30376" Comment="update content" --> Word Count (133)
 UserId="30376" Comment="update content" --> Word Count (15)
 UserId="836" --> Word Count (80)
 UserId="836" Comment="added 87 characters in body" --> Word Count (88)
 UserId="28129" --> Word Count (38)
 UserId="9123" Comment="added 1544 characters in body" --> Word Count (407)
 UserId="30697" --> Word Count (145)
 UserId="30697" --> Word Count (12)
 UserId="30697" --> Word Count (1)
 UserId="15620" Comment="grammar cleanup" --> Word Count (69)
 UserId="28129" Comment="added 1235 characters in body" --> Word Count (274)
 UserId="28129" Comment="added 1235 characters in body" --> Word Count (277)
 UserId="28129" Comment="deleted 146 characters in body" --> Word Count (242)
 UserId="30513" --> Word Count (50)
 UserId="30513" --> Word Count (10)
 UserId="30513" --> Word Count (1)
 UserId="14586" --> Word Count (75)
 UserId="14586" --> Word Count (16)
 UserId="14586" --> Word Count (1)
 UserId="29206" Comment="added 55 characters in body" --> Word Count (57)
 UserId="9123" --> Word Count (101)
 UserId="29771" Text="I'm dealing with a problem where I couldn't find enough dataset(images) to feed into my deep neural network for training.

I was so inspired by the paper [Generative

Adversarial --> Word Count (51)

UserId="29771" --> Word Count (9)

UserId="29771" --> Word Count (1)

UserId="29771" Comment="added 5 characters in body" Text="I'm dealing with a problem where I couldn't find enough dataset(images) to feed into my deep neural network for training.

I was so inspired by the paper [Generative Adversarial --> Word Count (52)

UserId="836" --> Word Count (326)

UserId="30637" --> Word Count (95)

UserId="30637" Comment="added 14 characters in body" --> Word Count (95)

UserId="18516" --> Word Count (63)

UserId="8560" --> Word Count (426)

UserId="8560" --> Word Count (81)

UserId="30107" --> Word Count (127)

UserId="30408" --> Word Count (118)

UserId="22065" --> Word Count (135)

UserId="30759" --> Word Count (153)

UserId="30759" --> Word Count (8)

UserId="30759" --> Word Count (1)

UserId="836" Comment="Updated draft location of second edition. I cannot find the HTML version." --> Word Count (206)

UserId="836" Comment="New location of Sutton & Barto's book draft." --> Word Count (278)

UserId="836" Comment="Maintain link to Sutton & Barto book" --> Word Count (133)

UserId="836" Comment="Link has changed. Using draft location of second edition in PDF. I cannot find the HTML version." --> Word Count (113)

UserId="836" Comment="Sutton's book no longer hosted at old address" --> Word Count (103)

UserId="836" Comment="Updated links. Sutton's book no longer hosted at old address" --> Word Count (508)

UserId="836" Comment="Sutton's book no longer hosted at old address" --> Word Count (120)

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UserId="28175" --> Word Count (55)

UserId="28175" --> Word Count (6)

UserId="28175" --> Word Count (1)

UserId="28175" Comment="added 167 characters in body" --> Word Count (84)

UserId="9123" --> Word Count (123)

UserId="9123" Comment="deleted 40 characters in body" --> Word Count (96)

UserId="30781" --> Word Count (71)

UserId="28175" Comment="edited body" --> Word Count (84)

UserId="30788" --> Word Count (53)

UserId="30792" --> Word Count (154)

UserId="30792" --> Word Count (14)

UserId="30792" --> Word Count (1)

UserId="30624" --> Word Count (80)

UserId="30796" --> Word Count (90)

UserId="30796" --> Word Count (8)
 UserId="30796" --> Word Count (1)
 UserId="12202" --> Word Count (103)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="30796" Comment="added 1 character in body" --> Word Count (90)
 UserId="30408" --> Word Count (37)
 UserId="24895" --> Word Count (158)
 UserId="30759" Comment="added clarification, maybe" --> Word Count (333)
 UserId="28974" --> Word Count (179)
 UserId="28974" --> Word Count (9)
 UserId="28974" --> Word Count (1)
 UserId="14487" --> Word Count (131)
 UserId="14487" --> Word Count (11)
 UserId="14487" --> Word Count (1)
 UserId="15620" Comment="minor edits for clarity" --> Word Count (130)
 UserId="14675" --> Word Count (76)
 UserId="29891" --> Word Count (126)
 UserId="29891" --> Word Count (7)
 UserId="29891" --> Word Count (1)
 UserId="30810" --> Word Count (192)
 UserId="29891" Comment="added 34 characters in body" --> Word Count (130)
 UserId="30810" --> Word Count (117)
 UserId="30810" --> Word Count (83)
 UserId="30810" --> Word Count (100)
 UserId="836" --> Word Count (204)
 UserId="836" Comment="deleted 163 characters in body" --> Word Count (186)
 UserId="836" Comment="added 381 characters in body" --> Word Count (262)
 UserId="30538" Comment="corrected spelling in title" --> Word Count (8)
 UserId="14675" Comment="deleted 1 character in body" --> Word Count (76)
 UserId="30818" --> Word Count (81)
 UserId="30408" --> Word Count (50)
 UserId="30817" --> Word Count (218)
 UserId="30817" --> Word Count (5)
 UserId="30817" --> Word Count (1)
 UserId="836" --> Word Count (485)
 UserId="30817" Comment="Explained how I greedify over the set of available actions" --> Word Count (228)
 UserId="30817" Comment="Removed bolding" --> Word Count (228)
 UserId="836" Comment="added 491 characters in body" --> Word Count (570)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="26394" Comment="converted equations from normal text to tex." --> Word Count (192)
 UserId="22054" --> Word Count (611)
 UserId="22054" --> Word Count (8)
 UserId="22054" --> Word Count (1)
 UserId="836" Comment="added 24 characters in body" --> Word Count (572)
 UserId="28937" --> Word Count (160)

UserId="28937" --> Word Count (8)
 UserId="28937" --> Word Count (1)
 UserId="30825" --> Word Count (75)
 UserId="30825" --> Word Count (12)
 UserId="30825" --> Word Count (1)
 UserId="28937" Comment="edited title" --> Word Count (9)
 UserId="8820" --> Word Count (39)
 UserId="8820" Comment="added 148 characters in body" --> Word Count (58)
 UserId="30212" --> Word Count (73)
 UserId="22065" Comment="improved format" --> Word Count (179)
 UserId="22065" Comment="Improved format" --> Word Count (283)
 UserId="22065" Comment="Improved formatting" --> Word Count (412)
 UserId="22065" Comment="added 10 characters in body" --> Word Count (285)
 UserId="20429" --> Word Count (52)
 UserId="20429" --> Word Count (3)
 UserId="20429" --> Word Count (1)
 UserId="16853" --> Word Count (57)
 UserId="16853" --> Word Count (108)
 UserId="836" Comment="Remove screenshot of textbook, don't like screenshots of text on this site. Some LaTeX practice for me!" --> Word Count (326)
 UserId="8560" --> Word Count (163)
 UserId="836" --> Word Count (530)
 UserId="836" Comment="added 58 characters in body" --> Word Count (541)
 UserId="836" Comment="added 10 characters in body" --> Word Count (543)
 UserId="28665" --> Word Count (256)
 UserId="28665" --> Word Count (9)
 UserId="28665" --> Word Count (1)
 UserId="30846" --> Word Count (30)
 UserId="25429" Comment="added 1072 characters in body" --> Word Count (324)
 UserId="30859" --> Word Count (147)
 UserId="30859" --> Word Count (5)
 UserId="30859" --> Word Count (1)
 UserId="8878" Comment="Grammer and Clarity, Adding one keyword" --> Word Count (57)
 UserId="8878" Comment="Grammer and Clarity, Adding one keyword" --> Word Count (1)
 UserId="8878" --> Word Count (219)
 UserId="836" Comment="added 691 characters in body" --> Word Count (664)
 UserId="30860" --> Word Count (101)
 UserId="30860" --> Word Count (8)
 UserId="30860" --> Word Count (1)
 UserId="30864" --> Word Count (149)
 UserId="30864" --> Word Count (6)
 UserId="30864" --> Word Count (1)
 UserId="28129" --> Word Count (101)
 UserId="28129" --> Word Count (81)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="25755" Comment="Improved language for clarity on interactions" --> Word

Count (222)

UserId="30835" --> Word Count (554)

UserId="30835" --> Word Count (9)

UserId="30835" --> Word Count (1)

UserId="29314" --> Word Count (86)

UserId="29314" --> Word Count (7)

UserId="29314" --> Word Count (1)

UserId="381" --> Word Count (67)

UserId="30408" --> Word Count (28)

UserId="10683" Comment="Added more information and screenshot" --> Word Count (20)

UserId="10881" --> Word Count (33)

UserId="10881" --> Word Count (10)

UserId="10881" --> Word Count (1)

UserId="381" --> Word Count (97)

UserId="26394" --> Word Count (199)

UserId="30812" --> Word Count (370)

UserId="29960" --> Word Count (390)

UserId="29960" Comment="added 266 characters in body" --> Word Count (423)

UserId="30697" --> Word Count (156)

UserId="30697" --> Word Count (12)

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UserId="30890" --> Word Count (228)

UserId="30835" Comment="deleted 1 character in body" --> Word Count (554)

UserId="21254" --> Word Count (94)

UserId="21254" --> Word Count (5)

UserId="21254" --> Word Count (1)

UserId="21254" Comment="edited title" --> Word Count (5)

UserId="30895" --> Word Count (108)

UserId="30895" --> Word Count (7)

UserId="30895" --> Word Count (1)

UserId="11097" Comment="edited tags" --> Word Count (1)

UserId="30900" --> Word Count (117)

UserId="30900" --> Word Count (9)

UserId="30900" --> Word Count (1)

UserId="12345" --> Word Count (102)

UserId="12345" --> Word Count (8)

UserId="12345" --> Word Count (1)

UserId="836" --> Word Count (111)

UserId="836" Comment="added 905 characters in body" --> Word Count (268)

UserId="30408" --> Word Count (41)

UserId="12345" Comment="deleted 2 characters in body" --> Word Count (101)

UserId="30907" --> Word Count (113)

UserId="30907" --> Word Count (5)

UserId="30907" --> Word Count (1)

UserId="30907" Comment="added 138 characters in body" --> Word Count (140)

UserId="30907" Comment="added 22 characters in body" --> Word Count (142)

UserId="14003" --> Word Count (149)

UserId="14003" --> Word Count (100)
UserId="30907" Comment="deleted 11 characters in body" --> Word Count (140)
UserId="30864" Comment="Describing datasets" --> Word Count (222)
UserId="836" Comment="clarifying the softmax is not being used directly as a classifier" --> Word Count (279)
UserId="8820" --> Word Count (30)
UserId="8820" --> Word Count (10)
UserId="8820" --> Word Count (1)
UserId="6518" --> Word Count (233)
UserId="6518" --> Word Count (10)
UserId="6518" --> Word Count (1)
UserId="11033" --> Word Count (45)
UserId="11033" --> Word Count (18)
UserId="11033" --> Word Count (1)
UserId="14003" Comment="added DeepBit link" --> Word Count (132)
UserId="30408" --> Word Count (71)
UserId="30907" Comment="added 11 characters in body" --> Word Count (142)
UserId="14003" --> Word Count (113)
UserId="30925" --> Word Count (84)
UserId="30925" --> Word Count (6)
UserId="30925" --> Word Count (1)
UserId="14003" --> Word Count (22)
UserId="30924" --> Word Count (91)
UserId="30924" --> Word Count (7)
UserId="30924" --> Word Count (1)
UserId="28743" --> Word Count (134)
UserId="30925" Comment="added 47 characters in body" --> Word Count (93)
UserId="924" Comment="edited tags" --> Word Count (1)
UserId="30935" --> Word Count (99)
UserId="30935" --> Word Count (114)
UserId="11097" Comment="edited title" --> Word Count (6)
UserId="9123" --> Word Count (128)
UserId="29580" --> Word Count (114)
UserId="29580" --> Word Count (5)
UserId="29580" --> Word Count (1)
UserId="11097" Comment="edited tags" --> Word Count (1)
UserId="26394" --> Word Count (125)
UserId="30928" --> Word Count (60)
UserId="29644" --> Word Count (23)
UserId="29644" Comment="deleted 5 characters in body" --> Word Count (23)
UserId="29644" Comment="added 117 characters in body" --> Word Count (31)
UserId="30965" --> Word Count (86)
UserId="30965" --> Word Count (8)
UserId="30965" --> Word Count (1)
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UserId="-1" Comment="104" --> Word Count (2)
UserId="26085" --> Word Count (608)
UserId="26085" --> Word Count (4)

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 UserId="30107" --> Word Count (117)
 UserId="30107" --> Word Count (13)
 UserId="30107" --> Word Count (1)
 UserId="30107" --> Word Count (103)
 UserId="30107" --> Word Count (9)
 UserId="30107" --> Word Count (1)
 UserId="30408" --> Word Count (31)
 UserId="13736" --> Word Count (66)
 UserId="13736" --> Word Count (10)
 UserId="13736" --> Word Count (1)
 UserId="11097" --> Word Count (83)
 UserId="16853" Comment="added 1 character in body" --> Word Count (108)
 UserId="30624" --> Word Count (146)
 UserId="30962" --> Word Count (70)
 UserId="30962" --> Word Count (13)
 UserId="30962" --> Word Count (1)
 UserId="29217" --> Word Count (40)
 UserId="30962" Comment="edited tags" --> Word Count (1)
 UserId="30994" --> Word Count (45)
 UserId="30994" --> Word Count (9)
 UserId="30994" --> Word Count (1)
 UserId="30624" --> Word Count (125)
 UserId="30995" --> Word Count (196)
 UserId="30995" --> Word Count (7)
 UserId="30995" --> Word Count (1)
 UserId="29217" Comment="edited body" --> Word Count (40)
 UserId="30006" --> Word Count (152)
 UserId="30006" --> Word Count (8)
 UserId="30006" --> Word Count (1)
 UserId="30928" Comment="Fixed the quote" --> Word Count (49)
 UserId="9123" --> Word Count (101)
 UserId="836" Comment="LaTeX instead of image" --> Word Count (82)
 UserId="31002" --> Word Count (51)
 UserId="31002" --> Word Count (7)
 UserId="31002" --> Word Count (1)
 UserId="30810" --> Word Count (115)
 UserId="29217" --> Word Count (67)
 UserId="31012" --> Word Count (298)
 UserId="31012" --> Word Count (15)
 UserId="31012" --> Word Count (1)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="836" --> Word Count (555)
 UserId="836" --> Word Count (7)
 UserId="836" --> Word Count (1)
 UserId="31016" --> Word Count (65)
 UserId="31016" --> Word Count (24)

UserId="31016" --> Word Count (1)
 UserId="30624" --> Word Count (203)
 UserId="26085" --> Word Count (317)
 UserId="26085" --> Word Count (6)
 UserId="26085" --> Word Count (1)
 UserId="8560" Comment="Clean up typesetting." --> Word Count (87)
 UserId="30624" Comment="Removed scree plot. " --> Word Count (229)
 UserId="31021" --> Word Count (15)
 UserId="26085" Comment="added 69 characters in body; edited title" --> Word Count (326)
 UserId="26085" Comment="added 69 characters in body; edited title" --> Word Count (9)
 UserId="30624" Comment="Added figure on Andrew's plot" --> Word Count (264)
 UserId="30624" Comment="Rectified sweeping statement on PCA" --> Word Count (266)
 UserId="30624" Comment="Rectified sweeping statement on PCA" --> Word Count (244)
 UserId="836" Comment="Fix wrong equation at end matrix W is $n \times m$ (layer k has m dims, $k+1$ has n nims)" --> Word Count (555)
 UserId="28317" --> Word Count (142)
 UserId="28317" --> Word Count (3)
 UserId="28317" --> Word Count (1)
 UserId="836" Comment="Add link from comments" --> Word Count (147)
 UserId="31017" --> Word Count (100)
 UserId="31017" --> Word Count (7)
 UserId="31017" --> Word Count (1)
 UserId="836" --> Word Count (245)
 UserId="15885" --> Word Count (49)
 UserId="16853" Comment="added 727 characters in body" --> Word Count (231)
 UserId="11097" Comment="added 5 characters in body; edited title" --> Word Count (58)
 UserId="11097" Comment="added 5 characters in body; edited title" --> Word Count (23)
 UserId="28012" --> Word Count (28)
 UserId="28012" --> Word Count (5)
 UserId="28012" --> Word Count (1)
 UserId="14588" --> Word Count (96)
 UserId="31017" Comment="deleted 6 characters in body" --> Word Count (99)
 UserId="30107" --> Word Count (194)
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 UserId="31038" --> Word Count (8)
 UserId="31038" --> Word Count (1)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="14003" --> Word Count (133)
 UserId="26814" --> Word Count (91)
 UserId="31045" --> Word Count (275)
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 UserId="31045" --> Word Count (1)

UserId="18055" --> Word Count (80)
 UserId="30856" --> Word Count (42)
 UserId="30856" --> Word Count (23)
 UserId="30856" --> Word Count (1)
 UserId="31047" --> Word Count (149)
 UserId="19161" --> Word Count (227)
 UserId="31046" --> Word Count (205)
 UserId="31050" --> Word Count (32)
 UserId="31050" --> Word Count (7)
 UserId="31050" --> Word Count (1)
 UserId="31052" --> Word Count (54)
 UserId="31052" --> Word Count (82)
 UserId="11097" Comment="added 15 characters in body" --> Word Count (208)
 UserId="836" Comment="added 1743 characters in body" --> Word Count (611)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="31046" Comment="added 4 characters in body" --> Word Count (209)
 UserId="8820" --> Word Count (17)
 UserId="8820" Comment="added 71 characters in body" --> Word Count (20)
 UserId="14240" --> Word Count (96)
 UserId="14240" --> Word Count (12)
 UserId="14240" --> Word Count (1)
 UserId="5055" --> Word Count (86)
 UserId="8820" --> Word Count (202)
 UserId="5055" Comment="edited body" --> Word Count (87)
 UserId="31063" --> Word Count (32)
 UserId="31063" --> Word Count (5)
 UserId="31063" --> Word Count (1)
 UserId="30624" Comment="Added shortcomings of PCA" --> Word Count (389)
 UserId="30856" Comment="added 578 characters in body" --> Word Count (177)
 UserId="30856" Comment="added 98 characters in body" --> Word Count (195)
 UserId="18313" --> Word Count (222)
 UserId="18313" --> Word Count (20)
 UserId="18313" --> Word Count (1)
 UserId="30856" Comment="deleted 83 characters in body" --> Word Count (180)
 UserId="26814" --> Word Count (158)
 UserId="836" Comment="Try to avoid it looking like I am one-hot-encoding the class" --> Word Count (697)
 UserId="31017" Comment="edited body" --> Word Count (99)
 UserId="15361" --> Word Count (33)
 UserId="-1" Comment="I corrected "bootstrapping" to be "boosting." Bagging stands for bootstrap aggregation so it doesn't make sense to compare bagging with bootstrapping." --> Word Count (1090)
 UserId="31069" --> Word Count (95)
 UserId="31069" --> Word Count (7)
 UserId="31069" --> Word Count (1)
 UserId="26814" --> Word Count (127)
 UserId="26814" --> Word Count (9)
 UserId="26814" --> Word Count (1)

UserId="15689" --> Word Count (100)
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UserId="15946" --> Word Count (100)
UserId="-1" Comment="replaced <http://gamedev.stackexchange.com/> with <https://gamedev.stackexchange.com/>" --> Word Count (53)
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UserId="-1" Comment="replaced <http://math.stackexchange.com/> with <https://math.stackexchange.com/>" --> Word Count (130)
UserId="-1" Comment="replaced <http://math.stackexchange.com/> with <https://math.stackexchange.com/>" --> Word Count (19)
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UserId="-1" Comment="replaced <http://math.stackexchange.com/> with <https://math.stackexchange.com/>" --> Word Count (327)
UserId="-1" Comment="replaced <http://math.stackexchange.com/> with <https://math.stackexchange.com/>" --> Word Count (72)
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UserId="-1" Comment="replaced <http://math.stackexchange.com/> with <https://math.stackexchange.com/>" --> Word Count (61)
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UserId="-1" Comment="replaced <http://math.stackexchange.com/> with <https://math.stackexchange.com/>" --> Word Count (2337)
UserId="-1" Comment="replaced <http://askubuntu.com/> with <https://askubuntu.com/>" --> Word Count (148)
UserId="-1" Comment="replaced <http://askubuntu.com/> with <https://askubuntu.com/>" --> Word Count (94)
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UserId="-1" Comment="replaced <http://codereview.stackexchange.com/> with <https://codereview.stackexchange.com/>" --> Word Count (397)
UserId="-1" Comment="replaced <http://dba.stackexchange.com/> with <https://dba.stackexchange.com/>" --> Word Count (181)
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[illegible]

[illegible]

[illegible]

[illegible]

UserId="-1" Comment="replaced http://stats.stackexchange.com/ with https://stats.stackexchange.com/" --> Word Count (70)
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 UserId="-1" Comment="replaced http://datascience.stackexchange.com/ with
 https://datascience.stackexchange.com/" --> Word Count (416)
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 https://datascience.stackexchange.com/" --> Word Count (403)
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 detection solution using text mining, so I understand the scenario that has led
 to this question. I'll talk about the approach/techniques that is to be followed
 to build the fraud detection solution.I'll divide it into 4
 sections

;- Build line of business
 fraud dictionary
;- Fraud detection & scoring
;-
 Tools
;- Additional
 notes

###Building Fraud
 Dictionary:###

As a first step you'll have to identify fraud
 concepts with help from subject matter expert for the line of business in
 concern. Fraud concept is a person, characteristic, entity, or event that

represents a suspicious scenario and similar concepts can be grouped together to form a concept category. Each concept is further represented by words, phrases, entities etc. The presence of these words/phrases in the document implies occurrence of fraud concept in that transaction. The end result of this exercise will be a fraud dictionary that is a repository of concepts and suspicious key words.

For example considering the data set mentioned in the question, the `numeric patterns` become the concept category, and `fictitious invoice numbers` and `fictitiously-generated transaction amounts` are 2 different concepts. There will be a keywords/phrases that is associated to this concept which should be captured onto the fraud dictionary.

You can use NLP technique to build the dictionary.

Steps:

- 1) Convert the sentence to lowercase
- 2) Remove stopwords, these are common words found in a language. Words like for, very, and, of, are, etc, are common stop words
- 3) Extract n-gram i.e., a contiguous sequence of n items from a given sequence of text. simply increasing n, model can be used to store more context
- 4) Assign a syntactic label (noun, verb etc.)
- 5) Knowledge extraction from text through semantic/syntactic analysis approach i.e., try to retain words that hold higher weight in a sentence like Noun/Verb

###Fraud detection & scoring:###

Phrases/Keywords to be semantically matched with Phrases/Keywords from Fraud Dictionary and Fraud concepts in transactions can be identified. At this point, care needs to be taken to maintain the context (negation, positive sense) in which a keyword/phrase has been used to avoid false positives.

For each identified occurrence of Fraud concept in the transaction, a weight of 1 can be assigned. This is done for calculating a suspicious score for the transaction. Higher the score high suspicious.

Note that using a combination of larger data set with high textual content, and extensive fraud dictionary would result in higher number potentially identified.

###Tools:###

You can consider using OpenNLP / StanfordNLP for Part of Speech tagging. Most of the programming language have supporting library for OpenNLP/StanfordNLP. You can choose the language based on your comfort.

###Additional notes:###

- You can refer [here][1] to get an idea of extracting concepts from sentences
- Fruther read my blog on [--> Word Count (41)

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[illegible]

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https://datascience.stackexchange.com/" Text="Here is a small modification of
[Kyler Brown's solution for
Python](https://datascience.stackexchange.com/a/6593) that also allows negative
values on the polar axes ([which are currently not officially supported by
matplotlib](https://github.com/matplotlib/matplotlib/issues/2203)), basically by
simply removing the check for negative values from `set_rgrids`:&#xD;&#xA;&#xD;&#xA;
! [plot](http://i.imgur.com/208V3cZ.png)&#xD;&#xA;&#xD;&#xA; import numpy
as np&#xD;&#xA; import matplotlib.pyplot as plt&#xD;&#xA; import seaborn
as sns # improves plot aesthetics&#xD;&#xA;&#xD;&#xA;&#xD;&#xA; def
_invert(x, limits):&#xD;&#xA;     &quot;&quot;&quot;inverts a value x on a
scale from&#xD;&#xA;     limits[0] to limits[1]&quot;&quot;&quot;&#xD;&#xA;
return limits[1] - (x - limits[0])&#xD;&#xA;&#xD;&#xA; def _scale_data(data,
ranges):&#xD;&#xA;     &quot;&quot;&quot;scales data[1:] to
ranges[0],&#xD;&#xA;     inverts if the scale is
reversed&quot;&quot;&quot;&#xD;&#xA;     # for d, (y1, y2) in zip(data[1:],
ranges[1:]):&#xD;&#xA;         for d, (y1, y2) in zip(data, ranges):&#xD;&#xA;
assert (y1 &lt;= d &lt;= y2) or (y2 &lt;= d &lt;= y1)&#xD;&#xA;&#xD;&#xA;
x1, x2 = ranges[0]&#xD;&#xA;         d = data[0]&#xD;&#xA;&#xD;&#xA;         if x1
&gt; x2:&#xD;&#xA;             d = _invert(d, (x1, x2))&#xD;&#xA;             x1,
x2 = x2, x1&#xD;&#xA;&#xD;&#xA;             sdata = [d]&#xD;&#xA;&#xD;&#xA;
for d, (y1, y2) in zip(data[1:], ranges[1:]):&#xD;&#xA;             if y1 &gt;
y2:&#xD;&#xA;                 d = _invert(d, (y1, y2))&#xD;&#xA;
y1, y2 = y2, y1&#xD;&#xA;&#xD;&#xA;                 sdata.append((d-y1) / (y2-y1) *
(x2 - x1) + x1)&#xD;&#xA;&#xD;&#xA;         return sdata&#xD;&#xA;&#xD;&#xA;
def set_rgrids(self, radii, labels=None, angle=None, fmt=None,&#xD;&#xA;
**kwargs):&#xD;&#xA;     &quot;&quot;&quot;&#xD;&#xA;         Set the radial
locations and labels of the *r* grids.&#xD;&#xA;         The labels will appear
at radial distances *radii* at the&#xD;&#xA;         given *angle* in

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degrees.&#xD;&#xA;          *labels*, if not None, is a ``len(radii)`` list of
strings of the&#xD;&#xA;          labels to use at each radius.&#xD;&#xA;
If *labels* is None, the built-in formatter will be used.&#xD;&#xA;
Return value is a list of tuples (*line*, *label*), where&#xD;&#xA;
*line* is :class:`~matplotlib.lines.Line2D` instances and the&#xD;&#xA;
*label* is :class:`~matplotlib.text.Text` instances.&#xD;&#xA;          kwargs are
optional text properties for the labels:&#xD;&#xA;          %( --> Word Count
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UserId="836" Comment="move comment into answer" --> Word Count (217)
UserId="30170" --> Word Count (165)
UserId="30170" --> Word Count (4)
UserId="30170" --> Word Count (1)
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UserId="24895" --> Word Count (6)
UserId="24895" --> Word Count (1)
UserId="30170" Comment="deleted 6 characters in body" --> Word Count (164)
UserId="31311" --> Word Count (79)
UserId="2975" --> Word Count (373)
UserId="8820" Comment="added 69 characters in body" --> Word Count (228)
UserId="30170" Comment="added 183 characters in body; edited tags" --> Word Count (164)
UserId="30170" Comment="added 183 characters in body; edited tags" --> Word Count (1)
UserId="31266" Comment="edited title" --> Word Count (8)
UserId="31322" --> Word Count (115)
UserId="31322" --> Word Count (10)
UserId="31322" --> Word Count (1)
UserId="29217" --> Word Count (148)
UserId="19161" --> Word Count (79)
UserId="21254" --> Word Count (151)
UserId="21254" --> Word Count (5)
UserId="21254" --> Word Count (1)
UserId="30928" --> Word Count (205)
UserId="5055" Comment="corrected" --> Word Count (234)
UserId="31335" --> Word Count (198)

UserId="31335" --> Word Count (6)
 UserId="31335" --> Word Count (1)
 UserId="31179" --> Word Count (172)
 UserId="31179" --> Word Count (16)
 UserId="31179" --> Word Count (1)
 UserId="12527" Comment="added details" --> Word Count (438)
 UserId="8560" --> Word Count (129)
 UserId="8560" --> Word Count (262)
 UserId="30376" Comment="added 534 characters in body" --> Word Count (224)
 UserId="12345" Comment="added 749 characters in body" --> Word Count (216)
 UserId="15620" Comment="converted broken inline images to https" --> Word Count (60)
 UserId="31361" --> Word Count (104)
 UserId="31361" --> Word Count (12)
 UserId="31361" --> Word Count (1)
 UserId="15946" --> Word Count (177)
 UserId="30928" Comment="added 834 characters in body" --> Word Count (339)
 UserId="15620" Comment="converted inline image to https" --> Word Count (390)
 UserId="15620" Comment="converted broken inline image to https" --> Word Count (178)
 UserId="15620" Comment="converted broken inline image to https" --> Word Count (479)
 UserId="15620" Comment="converted inline images to https" --> Word Count (968)
 UserId="15620" Comment="converted broken inline image to https" --> Word Count (708)
 UserId="15620" Comment="converted broken inline image to https and cleaned up formatting" --> Word Count (110)
 UserId="31364" --> Word Count (42)
 UserId="31364" --> Word Count (9)
 UserId="31364" --> Word Count (1)
 UserId="31364" Comment="added 2 characters in body" --> Word Count (42)
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 UserId="15946" Comment="added 16 characters in body" --> Word Count (179)
 <DELETE> --> Word Count (39)
 <DELETE> --> Word Count (16)
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 UserId="31260" --> Word Count (1)
 UserId="30212" --> Word Count (81)
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 UserId="15620" --> Word Count (85)
 UserId="31385" --> Word Count (177)
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 UserId="31385" --> Word Count (1)

UserId="31346" --> Word Count (26)
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 UserId="31346" --> Word Count (1)
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 UserId="31391" --> Word Count (1)
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 Word Count (77)
 UserId="10620" --> Word Count (142)
 UserId="17177" --> Word Count (148)
 UserId="17177" Comment="Added a python gist" --> Word Count (261)
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 UserId="31399" --> Word Count (6)
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 UserId="26163" --> Word Count (13)
 UserId="26163" --> Word Count (1)
 UserId="19161" --> Word Count (39)
 UserId="31346" --> Word Count (156)
 UserId="13023" Comment="grammar" --> Word Count (69)
 UserId="13023" Comment="grammar" --> Word Count (5)
 UserId="31409" --> Word Count (41)
 UserId="31364" --> Word Count (25)
 UserId="836" Comment="added 510 characters in body" --> Word Count (258)
 UserId="836" --> Word Count (521)
 UserId="836" Comment="added 187 characters in body" --> Word Count (552)
 UserId="836" Comment="added 335 characters in body" --> Word Count (672)
 UserId="836" Comment="added 1 character in body" --> Word Count (672)
 UserId="31418" --> Word Count (144)
 UserId="31418" --> Word Count (4)
 UserId="31418" --> Word Count (1)
 UserId="31418" Comment="added 33 characters in body" --> Word Count (150)
 UserId="29217" --> Word Count (102)
 UserId="31434" --> Word Count (77)
 UserId="31434" --> Word Count (130)
 UserId="31434" --> Word Count (91)
 UserId="31437" --> Word Count (100)
 UserId="31437" --> Word Count (12)
 UserId="31437" --> Word Count (1)
 UserId="29428" --> Word Count (148)
 UserId="29428" --> Word Count (10)
 UserId="29428" --> Word Count (1)
 UserId="17" --> Word Count (100)
 UserId="30376" --> Word Count (45)
 UserId="30376" --> Word Count (12)
 UserId="30376" --> Word Count (1)
 UserId="31346" --> Word Count (106)

UserId="31446" --> Word Count (152)
 UserId="15412" --> Word Count (43)
 UserId="31017" Comment="added 105 characters in body" --> Word Count (116)
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 UserId="10517" --> Word Count (700)
 UserId="31346" Comment="added 146 characters in body" --> Word Count (133)
 UserId="31456" --> Word Count (174)
 UserId="31456" --> Word Count (5)
 UserId="31456" --> Word Count (1)
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 UserId="30048" --> Word Count (27)
 UserId="31474" --> Word Count (32)
 UserId="31474" --> Word Count (8)
 UserId="31474" --> Word Count (1)
 UserId="31446" --> Word Count (35)
 UserId="15361" --> Word Count (65)
 UserId="18501" --> Word Count (79)
 UserId="18501" --> Word Count (6)
 UserId="18501" --> Word Count (1)
 UserId="31346" Comment="added 174 characters in body" --> Word Count (162)
 UserId="31488" --> Word Count (219)
 UserId="18465" --> Word Count (25)
 <DELETE> --> Word Count (764)
 <DELETE> --> Word Count (6)
 <DELETE> --> Word Count (118)
 <DELETE> --> Word Count (9)
 UserId="30170" --> Word Count (968)
 UserId="30170" --> Word Count (10)
 UserId="30170" --> Word Count (1)
 UserId="30170" Comment="deleted 2 characters in body" --> Word Count (968)
 UserId="381" Comment="via Vote" --> Word Count (1)
 UserId="381" --> Word Count (1)
 UserId="30690" --> Word Count (440)
 UserId="30690" --> Word Count (8)
 UserId="30690" --> Word Count (1)
 UserId="9123" --> Word Count (123)
 UserId="9123" Comment="added 34 characters in body" --> Word Count (126)
 UserId="31245" --> Word Count (69)
 UserId="31245" --> Word Count (4)
 UserId="31245" --> Word Count (1)
 UserId="31513" Comment="style, format" --> Word Count (210)
 UserId="31513" Comment="style, format" --> Word Count (1)
 UserId="26856" --> Word Count (224)
 UserId="26856" --> Word Count (13)
 UserId="26856" --> Word Count (1)

UserId="8820" --> Word Count (51)
 UserId="8820" --> Word Count (15)
 UserId="8820" --> Word Count (1)
 UserId="31513" Comment="spelling, tag" --> Word Count (13)
 UserId="31513" Comment="spelling, tag" --> Word Count (1)
 UserId="30822" --> Word Count (760)
 UserId="30822" --> Word Count (9)
 UserId="30822" --> Word Count (1)
 UserId="8560" --> Word Count (96)
 UserId="31513" Comment="spelling, format" --> Word Count (173)
 UserId="25429" --> Word Count (144)
 UserId="25429" --> Word Count (5)
 UserId="25429" --> Word Count (1)
 UserId="31513" --> Word Count (60)
 UserId="31513" Comment="embedded the linked image" --> Word Count (109)
 UserId="31513" Comment="spelling, tag" --> Word Count (24)
 UserId="31513" Comment="spelling, tag" --> Word Count (5)
 UserId="31513" Comment="spelling, tag" --> Word Count (1)
 UserId="31513" Comment="spelling, tag" --> Word Count (149)
 UserId="31513" Comment="spelling, tag" --> Word Count (1)
 UserId="31513" Comment="style, tags" --> Word Count (113)
 UserId="31513" Comment="style, tags" --> Word Count (1)
 UserId="31513" Comment="format the title" --> Word Count (6)
 UserId="31513" Comment="added a tag, spelling, capitalization" --> Word Count (270)
 UserId="31513" Comment="added a tag, spelling, capitalization" --> Word Count (1)
 UserId="31513" Comment="spelling, style, tags" --> Word Count (106)
 UserId="31513" Comment="spelling, style, tags" --> Word Count (1)
 UserId="31513" Comment="added a tag" --> Word Count (1)
 UserId="31513" Comment="link, tags" --> Word Count (32)
 UserId="31513" Comment="link, tags" --> Word Count (1)
 UserId="31513" Comment="added 110 characters in body" --> Word Count (64)
 UserId="31538" --> Word Count (206)
 UserId="31538" --> Word Count (14)
 UserId="31538" --> Word Count (1)
 UserId="8560" Comment="added 693 characters in body" --> Word Count (171)
 UserId="8560" --> Word Count (84)
 UserId="31346" Comment="added 424 characters in body" --> Word Count (231)
 UserId="924" Comment="no learning or clustering here, but if-then rules" --> Word Count (206)
 UserId="924" Comment="no learning or clustering here, but if-then rules" --> Word Count (1)
 UserId="26856" Comment="added 6 characters in body" --> Word Count (224)
 UserId="26856" --> Word Count (44)
 UserId="29428" --> Word Count (175)
 UserId="29428" --> Word Count (10)
 UserId="29428" --> Word Count (1)

UserId="29788" --> Word Count (126)
 UserId="29788" --> Word Count (76)
 UserId="31556" --> Word Count (63)
 UserId="31556" --> Word Count (14)
 UserId="31556" --> Word Count (1)
 UserId="31475" --> Word Count (24)
 UserId="31475" --> Word Count (12)
 UserId="31475" --> Word Count (1)
 UserId="14904" --> Word Count (51)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="23773" --> Word Count (205)
 UserId="23773" --> Word Count (7)
 UserId="23773" --> Word Count (1)
 UserId="31564" --> Word Count (21)
 UserId="23773" Comment="edited tags" --> Word Count (1)
 UserId="8820" --> Word Count (176)
 UserId="8820" --> Word Count (8)
 UserId="8820" --> Word Count (1)
 UserId="29534" --> Word Count (107)
 UserId="29534" Comment="added 112 characters in body" --> Word Count (119)
 UserId="27983" --> Word Count (89)
 UserId="29534" --> Word Count (22)
 UserId="31245" Comment="added 65 characters in body" --> Word Count (76)
 UserId="31570" --> Word Count (152)
 UserId="31570" --> Word Count (9)
 UserId="31570" --> Word Count (1)
 UserId="30928" --> Word Count (62)
 UserId="27983" Comment="added 770 characters in body" --> Word Count (203)
 UserId="16538" --> Word Count (48)
 UserId="27983" Comment="added 1 character in body" --> Word Count (203)
 UserId="27983" --> Word Count (110)
 UserId="14152" --> Word Count (73)
 UserId="31580" --> Word Count (99)
 UserId="31580" --> Word Count (9)
 UserId="31580" --> Word Count (1)
 UserId="2511" --> Word Count (92)
 UserId="12345" --> Word Count (78)
 UserId="12345" --> Word Count (6)
 UserId="12345" --> Word Count (1)
 UserId="16538" --> Word Count (117)
 UserId="23305" --> Word Count (153)
 UserId="23305" Comment="via Vote" --> Word Count (1)
 UserId="23305" Comment="deleted 149 characters in body" --> Word Count (125)
 UserId="23305" --> Word Count (1)
 UserId="29788" --> Word Count (95)
 UserId="9420" --> Word Count (411)
 UserId="27873" --> Word Count (142)
 UserId="23821" --> Word Count (54)

UserId="23821" --> Word Count (11)
 UserId="23821" --> Word Count (1)
 UserId="836" --> Word Count (187)
 UserId="31602" --> Word Count (72)
 UserId="31602" --> Word Count (14)
 UserId="31602" --> Word Count (1)
 UserId="31600" --> Word Count (139)
 UserId="30690" Comment="narrowing down the topic" --> Word Count (622)
 UserId="30690" Comment="added 30 characters in body" --> Word Count (627)
 UserId="31600" Comment="added 368 characters in body" --> Word Count (176)
 UserId="31614" --> Word Count (17)
 UserId="31614" --> Word Count (7)
 UserId="31614" --> Word Count (1)
 UserId="27873" --> Word Count (69)
 UserId="31618" --> Word Count (22)
 UserId="24724" --> Word Count (8)
 UserId="31620" --> Word Count (184)
 UserId="31620" --> Word Count (5)
 UserId="31620" --> Word Count (1)
 UserId="31513" Comment="added a tag" --> Word Count (1)
 UserId="31513" Comment="fixed broken link, added a tag, improved style and format" --> Word Count (109)
 UserId="31513" Comment="fixed broken link, added a tag, improved style and format" --> Word Count (1)
 UserId="31513" Comment="better tags" --> Word Count (1)
 UserId="31513" Comment="better title, format" --> Word Count (116)
 UserId="31513" Comment="better title, format" --> Word Count (5)
 UserId="26686" Comment="remove thanks and improved tags" --> Word Count (67)
 UserId="26686" Comment="remove thanks and improved tags" --> Word Count (1)
 UserId="29788" Comment="more focused, explanatory title" --> Word Count (12)
 UserId="31513" Comment="spelling, etc." --> Word Count (179)
 UserId="-1" Comment="102" --> Word Count (1)
 UserId="16538" Comment="Added KDE Solution" --> Word Count (262)
 UserId="31627" --> Word Count (127)
 UserId="31627" Text="Basically if I rephrase your task - you have a large document which you want to summarize.
 --> Word Count (69)
 UserId="12515" --> Word Count (267)
 UserId="12515" --> Word Count (3)
 UserId="12515" --> Word Count (1)
 UserId="16538" --> Word Count (123)
 UserId="88" --> Word Count (60)
 UserId="88" --> Word Count (8)
 UserId="88" --> Word Count (1)
 UserId="28556" --> Word Count (119)
 UserId="31637" Text="How to use Naive Bayes for multi-label text classification in R. 

I tried using naiveBayes() from e1071 library but it seems that while training, it doesn't accept multi-label class variable.

I created TermDocumentMatrix using the text

document corpus and tried to create the model using this matrix and class variable(list of topics a particular document belongs to). Below is the code that I used.

```

trainvector <- as.vector(traindata$body -->
Word Count (53)
UserId="31637" --> Word Count (7)
UserId="31637" --> Word Count (1)
UserId="11097" Comment="added 62 characters in body" Text="How to use Naive Bayes for multi-label text classification in R. I tried using naiveBayes() from e1071 library but it seems that while training, it doesn't accept multi-label class variable. I created TermDocumentMatrix using the text document corpus and tried to create the model using this matrix and class variable(list of topics a particular document belongs to). Below is the code that I used.
trainvector <- as.vector(traindata$body --> Word Count (101)
UserId="9388" --> Word Count (85)
UserId="19161" --> Word Count (50)
UserId="31663" --> Word Count (60)
UserId="27873" --> Word Count (179)
UserId="17777" --> Word Count (119)
UserId="17777" --> Word Count (11)
UserId="17777" --> Word Count (1)
UserId="31668" --> Word Count (106)
UserId="31668" --> Word Count (9)
UserId="31668" --> Word Count (1)
UserId="31667" --> Word Count (91)
UserId="31667" --> Word Count (7)
UserId="31667" --> Word Count (1)
UserId="17777" Comment="added more details" --> Word Count (217)
UserId="19161" --> Word Count (32)
UserId="31676" --> Word Count (96)
UserId="31676" --> Word Count (11)
UserId="31676" --> Word Count (1)
UserId="31627" --> Word Count (24)
UserId="17777" Comment="edited title" --> Word Count (13)
UserId="12515" --> Word Count (140)
UserId="31151" --> Word Count (87)
UserId="31151" Comment="added 352 characters in body" --> Word Count (78)
UserId="30099" --> Word Count (118)
UserId="30986" --> Word Count (136)
UserId="31151" Comment="added 88 characters in body" --> Word Count (91)
UserId="27873" --> Word Count (40)
UserId="31513" Comment="added a tag" --> Word Count (1)
UserId="30182" --> Word Count (106)
UserId="30182" --> Word Count (10)
UserId="30182" --> Word Count (1)
UserId="27873" --> Word Count (76)
UserId="27873" --> Word Count (15)
UserId="27873" --> Word Count (1)

```


UserId="31399" --> Word Count (241)
 UserId="13736" --> Word Count (224)
 UserId="13736" --> Word Count (6)
 UserId="13736" --> Word Count (1)
 UserId="29428" --> Word Count (134)
 UserId="29428" --> Word Count (15)
 UserId="29428" --> Word Count (1)
 UserId="30675" --> Word Count (81)
 UserId="25429" --> Word Count (1317)
 UserId="25429" --> Word Count (4)
 UserId="25429" --> Word Count (1)
 UserId="25429" Comment="added 93 characters in body" --> Word Count (1338)
 UserId="25429" Comment="added 91 characters in body" --> Word Count (1344)
 UserId="31688" --> Word Count (78)
 UserId="31688" --> Word Count (15)
 UserId="31688" --> Word Count (1)
 UserId="25429" Comment="deleted 2 characters in body" --> Word Count (1344)
 UserId="31513" Comment="spelling, etc." --> Word Count (89)
 UserId="31513" Comment="spelling, etc." --> Word Count (8)
 UserId="25429" Comment="edited body" --> Word Count (1344)
 UserId="29788" Comment="Added relevent tags" --> Word Count (1)
 UserId="25429" Comment="edited body" --> Word Count (1344)
 UserId="31723" --> Word Count (419)
 UserId="31723" --> Word Count (6)
 UserId="31723" --> Word Count (1)
 UserId="25429" Comment="Correct image explanation" --> Word Count (1354)
 UserId="31590" --> Word Count (39)
 UserId="31590" --> Word Count (8)
 UserId="31590" --> Word Count (1)
 UserId="8820" --> Word Count (101)
 UserId="8820" Comment="added 1 character in body" --> Word Count (102)
 UserId="31731" --> Word Count (24)
 UserId="31731" --> Word Count (17)
 UserId="31731" --> Word Count (1)
 UserId="381" --> Word Count (141)
 UserId="31719" --> Word Count (38)
 UserId="31719" --> Word Count (9)
 UserId="31719" --> Word Count (1)
 UserId="30107" --> Word Count (90)
 UserId="8560" --> Word Count (161)
 UserId="15412" --> Word Count (204)
 UserId="15412" --> Word Count (8)
 UserId="15412" --> Word Count (1)
 UserId="25429" --> Word Count (36)
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 UserId="25429" --> Word Count (1)
 UserId="25429" Comment="edited tags" --> Word Count (1)
 UserId="31722" --> Word Count (70)

UserId="31722" Comment="deleted 60 characters in body" --> Word Count (62)
 UserId="843" --> Word Count (100)
 UserId="843" --> Word Count (17)
 UserId="843" --> Word Count (1)
 UserId="843" Comment="added 4 characters in body; edited title; Corrected Spelling" --> Word Count (114)
 UserId="843" Comment="added 4 characters in body; edited title; Corrected Spelling" --> Word Count (18)
 UserId="31775" --> Word Count (262)
 UserId="31777" --> Word Count (449)
 UserId="31777" --> Word Count (5)
 UserId="31777" --> Word Count (1)
 UserId="31775" --> Word Count (200)
 UserId="25429" Comment="added 128 characters in body" --> Word Count (1364)
 UserId="8820" Comment="edited tags" --> Word Count (1)
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 UserId="8820" Comment="edited tags" --> Word Count (1)
 UserId="8820" Comment="edited tags" --> Word Count (1)
 UserId="8820" Comment="edited tags" --> Word Count (1)
 UserId="31154" --> Word Count (172)
 UserId="31785" --> Word Count (90)
 UserId="30182" Comment="mention I'm using fine-tuning" --> Word Count (111)
 UserId="16964" Comment="added 8 characters in body; added 3 characters in body" --> Word Count (85)
 UserId="30212" --> Word Count (7)
 <DELETE> --> Word Count (293)
 <DELETE> --> Word Count (7)
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 UserId="21" Comment="105" --> Word Count (2)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="836" Comment="added 75 characters in body" --> Word Count (116)
 UserId="836" Comment="added 35 characters in body" --> Word Count (123)
 UserId="30884" --> Word Count (117)
 UserId="30884" --> Word Count (12)
 UserId="30884" --> Word Count (1)
 UserId="10975" --> Word Count (110)
 UserId="10975" --> Word Count (13)
 UserId="10975" --> Word Count (1)
 UserId="10975" Comment="added 299 characters in body" --> Word Count (162)
 UserId="836" --> Word Count (252)
 UserId="31822" --> Word Count (34)
 UserId="31822" --> Word Count (6)
 UserId="31822" --> Word Count (1)
 UserId="29217" --> Word Count (110)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="836" --> Word Count (179)

UserId="31822" Comment="added 412 characters in body; edited title" --> Word Count (108)
 UserId="31822" Comment="added 412 characters in body; edited title" --> Word Count (7)
 UserId="31723" --> Word Count (209)
 UserId="31831" --> Word Count (30)
 UserId="31831" --> Word Count (7)
 UserId="31831" --> Word Count (1)
 UserId="31846" --> Word Count (47)
 UserId="31846" Comment="deleted 2 characters in body" --> Word Count (47)
 UserId="2932" --> Word Count (292)
 UserId="29217" --> Word Count (50)
 UserId="836" --> Word Count (202)
 UserId="836" Comment="added 163 characters in body" --> Word Count (233)
 UserId="31513" Comment="a tag added" --> Word Count (1)
 UserId="31513" Comment="tag, format" --> Word Count (1224)
 UserId="31513" Comment="tag, format" --> Word Count (1)
 UserId="31874" --> Word Count (67)
 UserId="31874" --> Word Count (9)
 UserId="31874" --> Word Count (1)
 UserId="381" --> Word Count (12)
 UserId="10556" --> Word Count (12)
 UserId="10556" Comment="via Vote" --> Word Count (1)
 UserId="10556" --> Word Count (1)
 UserId="31889" --> Word Count (181)
 UserId="31889" Comment="added 606 characters in body" --> Word Count (287)
 UserId="31245" --> Word Count (74)
 UserId="27768" Comment="Removed off-topic part of the question." --> Word Count (23)
 UserId="31513" Comment="added a tag" --> Word Count (1)
 UserId="5041" --> Word Count (38)
 UserId="31905" --> Word Count (176)
 UserId="31905" --> Word Count (8)
 UserId="31905" --> Word Count (1)
 UserId="30982" --> Word Count (309)
 UserId="30982" --> Word Count (166)
 UserId="31911" --> Word Count (157)
 UserId="31911" --> Word Count (7)
 UserId="31911" --> Word Count (1)
 UserId="27983" --> Word Count (115)
 UserId="31918" --> Word Count (33)
 UserId="31918" --> Word Count (5)
 UserId="31918" --> Word Count (1)
 UserId="29217" --> Word Count (60)
 UserId="31918" Comment="Added data" --> Word Count (175)
 UserId="31918" Comment="added 3 characters in body" --> Word Count (176)
 UserId="29217" Comment="added 563 characters in body" --> Word Count (142)
 UserId="8710" --> Word Count (112)

UserId="8710" --> Word Count (3)
 UserId="8710" --> Word Count (1)
 UserId="25867" --> Word Count (43)
 UserId="25867" --> Word Count (10)
 UserId="25867" --> Word Count (1)
 UserId="31929" --> Word Count (74)
 UserId="31929" --> Word Count (5)
 UserId="31929" --> Word Count (1)
 UserId="31513" Comment="tag, style" --> Word Count (168)
 UserId="31513" Comment="tag, style" --> Word Count (5)
 UserId="31513" Comment="tag, style" --> Word Count (1)
 UserId="31513" Comment="tag, style" --> Word Count (154)
 UserId="31513" Comment="tag, style" --> Word Count (1)
 UserId="31513" Comment="tag, style" --> Word Count (65)
 UserId="31513" Comment="tag, style" --> Word Count (1)
 UserId="31513" Comment="tag, style" --> Word Count (165)
 UserId="31513" Comment="tag, style" --> Word Count (5)
 UserId="31513" Comment="tag, style" --> Word Count (1)
 UserId="31513" Comment="added a tag" --> Word Count (10)
 UserId="31513" Comment="added a tag" --> Word Count (1)
 <DELETE> --> Word Count (159)
 UserId="31513" Comment="tag, spelling, style" --> Word Count (159)
 UserId="31513" Comment="tag, spelling, style" --> Word Count (1)
 UserId="21" --> Word Count (2)
 UserId="381" Comment="edited tags" --> Word Count (1)
 UserId="31936" --> Word Count (51)
 UserId="31936" --> Word Count (16)
 UserId="31936" --> Word Count (1)
 UserId="31937" --> Word Count (46)
 UserId="31937" --> Word Count (15)
 UserId="31937" --> Word Count (1)
 UserId="381" --> Word Count (48)
 UserId="30212" --> Word Count (18)
 UserId="28832" --> Word Count (125)
 UserId="28832" --> Word Count (6)
 UserId="28832" --> Word Count (1)
 UserId="29208" --> Word Count (405)
 UserId="31947" --> Word Count (46)
 UserId="31947" --> Word Count (5)
 UserId="31947" --> Word Count (1)
 UserId="31949" --> Word Count (33)
 UserId="31949" --> Word Count (5)
 UserId="31949" --> Word Count (1)
 UserId="23204" --> Word Count (149)
 UserId="23204" --> Word Count (154)
 UserId="23204" --> Word Count (184)
 UserId="30051" --> Word Count (101)
 UserId="30051" --> Word Count (11)

UserId="30051" --> Word Count (1)
 UserId="4679" Comment="added 92 characters in body" --> Word Count (111)
 UserId="31960" --> Word Count (115)
 UserId="31960" --> Word Count (4)
 UserId="31960" --> Word Count (1)
 UserId="31960" Comment="deleted 7 characters in body" --> Word Count (115)
 UserId="836" --> Word Count (360)
 UserId="10345" --> Word Count (60)
 UserId="21" --> Word Count (98)
 UserId="21608" --> Word Count (180)
 UserId="8005" --> Word Count (33)
 UserId="14904" --> Word Count (203)
 UserId="29824" --> Word Count (432)
 UserId="29824" --> Word Count (12)
 UserId="29824" --> Word Count (1)
 UserId="31668" --> Word Count (106)
 UserId="31668" --> Word Count (10)
 UserId="31668" --> Word Count (1)
 UserId="31936" Comment="added 718 characters in body" --> Word Count (173)
 UserId="31971" --> Word Count (91)
 UserId="31971" --> Word Count (20)
 UserId="31971" --> Word Count (1)
 UserId="18818" --> Word Count (74)
 UserId="18818" --> Word Count (15)
 UserId="18818" --> Word Count (1)
 UserId="31975" --> Word Count (136)
 UserId="31975" --> Word Count (12)
 UserId="31975" --> Word Count (1)
 UserId="31975" --> Word Count (25)
 UserId="31977" --> Word Count (40)
 UserId="31977" Comment="deleted 6 characters in body" --> Word Count (40)
 UserId="18818" Comment="edited title" --> Word Count (15)
 UserId="31627" --> Word Count (29)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="7714" --> Word Count (59)
 UserId="18818" Comment="added 272 characters in body" --> Word Count (115)
 UserId="31988" --> Word Count (114)
 UserId="31988" --> Word Count (9)
 UserId="31988" --> Word Count (1)
 UserId="6518" Comment="deleted 2 characters in body" --> Word Count (502)
 UserId="836" --> Word Count (131)
 UserId="836" Comment="added 369 characters in body" --> Word Count (216)
 UserId="836" Comment="added 436 characters in body" --> Word Count (280)
 UserId="836" Comment="added 436 characters in body" --> Word Count (383)
 UserId="836" Comment="added 486 characters in body" --> Word Count (468)
 UserId="836" Comment="added 106 characters in body" --> Word Count (487)
 UserId="836" Comment="added 106 characters in body" --> Word Count (559)

UserId="31995" Text="I'm currently working with a dataset where each row
 contains 2 things:

- --> Word Count (454)
 UserId="31995" --> Word Count (10)
 UserId="31995" --> Word Count (1)
 UserId="28175" --> Word Count (131)
 UserId="28175" --> Word Count (6)
 UserId="28175" --> Word Count (1)
 UserId="28175" Comment="added 24 characters in body" --> Word Count (135)
 UserId="836" --> Word Count (245)
 UserId="31781" --> Word Count (161)
 UserId="31781" --> Word Count (6)
 UserId="31781" --> Word Count (1)
 UserId="31781" Comment="added 1 character in body" --> Word Count (161)
 UserId="836" Comment="added 998 characters in body" --> Word Count (400)
 UserId="836" Comment="added 44 characters in body" --> Word Count (407)
 UserId="25429" Comment="added 5746 characters in body" --> Word Count (1539)
 UserId="18818" Comment="edited body" --> Word Count (115)
 UserId="30107" --> Word Count (207)
 UserId="9085" --> Word Count (58)
 UserId="13727" --> Word Count (139)
 UserId="32011" --> Word Count (95)
 UserId="32011" --> Word Count (7)
 UserId="32011" --> Word Count (1)
 UserId="32012" --> Word Count (102)
 UserId="31781" Comment="edited tags" --> Word Count (1)
 UserId="31781" Comment="update with some working code" --> Word Count (121)
 UserId="9085" Comment="update with some working code" --> Word Count (115)
 UserId="9085" --> Word Count (230)
 UserId="32027" --> Word Count (91)
 UserId="32027" --> Word Count (9)
 UserId="32027" --> Word Count (1)
 UserId="30928" --> Word Count (94)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="32029" --> Word Count (168)
 UserId="32029" --> Word Count (15)
 UserId="32029" --> Word Count (1)
 UserId="31446" --> Word Count (73)
 UserId="31446" --> Word Count (8)
 UserId="31446" --> Word Count (1)
 UserId="381" --> Word Count (10)
 UserId="31726" --> Word Count (988)
 UserId="31726" --> Word Count (9)
 UserId="31726" --> Word Count (1)
 UserId="23377" --> Word Count (73)
 UserId="23377" --> Word Count (10)
 UserId="23377" --> Word Count (1)
 UserId="32045" --> Word Count (116)

UserId="27983" --> Word Count (108)
 UserId="3077" --> Word Count (123)
 UserId="3077" --> Word Count (166)
 UserId="13833" --> Word Count (108)
 UserId="13833" --> Word Count (7)
 UserId="13833" --> Word Count (1)
 UserId="31948" --> Word Count (165)
 UserId="31948" --> Word Count (4)
 UserId="31948" --> Word Count (1)
 UserId="32048" --> Word Count (111)
 UserId="32048" --> Word Count (6)
 UserId="32048" --> Word Count (1)
 UserId="31948" Comment="Added examples and more information on the data" -->
 Word Count (253)
 UserId="14152" --> Word Count (329)
 UserId="14152" --> Word Count (20)
 UserId="14152" --> Word Count (1)
 UserId="29217" --> Word Count (30)
 UserId="14675" --> Word Count (100)
 UserId="29428" --> Word Count (202)
 UserId="29428" --> Word Count (11)
 UserId="29428" --> Word Count (1)
 UserId="836" --> Word Count (214)
 UserId="836" Comment="added 618 characters in body" --> Word Count (309)
 UserId="836" Comment="added 211 characters in body" --> Word Count (344)
 UserId="32068" --> Word Count (148)
 UserId="32068" --> Word Count (7)
 UserId="32068" --> Word Count (1)
 UserId="836" Comment="added 3 characters in body" --> Word Count (344)
 UserId="8820" --> Word Count (118)
 UserId="8820" --> Word Count (10)
 UserId="8820" --> Word Count (1)
 UserId="8820" Comment="added 360 characters in body" --> Word Count (174)
 UserId="8820" Comment="added 360 characters in body" --> Word Count (1)
 UserId="8560" --> Word Count (30)
 UserId="32071" --> Word Count (62)
 UserId="32071" --> Word Count (5)
 UserId="32071" --> Word Count (1)
 UserId="31599" --> Word Count (452)
 UserId="31599" --> Word Count (11)
 UserId="31599" --> Word Count (1)
 UserId="32071" Comment="edited title" --> Word Count (7)
 UserId="32071" Comment="added 32 characters in body" --> Word Count (66)
 UserId="29204" --> Word Count (15)
 UserId="29204" --> Word Count (5)
 UserId="29204" --> Word Count (1)
 UserId="29204" Comment="added 1 character in body" --> Word Count (15)
 UserId="32045" --> Word Count (33)

UserId="32045" --> Word Count (196)
 UserId="995" Comment="fixed grammer" --> Word Count (7)
 UserId="-1" Comment="corrected question" --> Word Count (64)
 UserId="32083" --> Word Count (149)
 UserId="32083" --> Word Count (4)
 UserId="32083" --> Word Count (1)
 UserId="32084" --> Word Count (75)
 UserId="32084" --> Word Count (9)
 UserId="32084" --> Word Count (1)
 UserId="21" Comment="105" --> Word Count (2)
 UserId="14904" --> Word Count (199)
 UserId="18369" --> Word Count (205)
 UserId="24830" --> Word Count (300)
 UserId="24830" --> Word Count (5)
 UserId="24830" --> Word Count (1)
 UserId="31810" --> Word Count (74)
 UserId="31810" --> Word Count (10)
 UserId="31810" --> Word Count (1)
 UserId="31810" Comment="added 22 characters in body" --> Word Count (76)
 UserId="32071" Comment="improve formatting" --> Word Count (180)
 UserId="24830" Comment="clarified goal" --> Word Count (304)
 UserId="26522" --> Word Count (76)
 UserId="26522" --> Word Count (9)
 UserId="26522" --> Word Count (1)
 UserId="31513" Comment="added a tag" --> Word Count (1)
 UserId="32095" --> Word Count (141)
 UserId="32095" --> Word Count (5)
 UserId="32095" --> Word Count (1)
 UserId="30212" --> Word Count (55)
 UserId="31513" Comment="added a tag" --> Word Count (1)
 UserId="31977" --> Word Count (33)
 UserId="31977" --> Word Count (7)
 UserId="31977" --> Word Count (1)
 UserId="30898" --> Word Count (146)
 UserId="30898" --> Word Count (5)
 UserId="30898" --> Word Count (1)
 UserId="32104" --> Word Count (45)
 UserId="31513" Comment="added a tag" --> Word Count (1)
 UserId="31513" Comment="added a tag" --> Word Count (1)
 UserId="31513" Comment="tag, grammar" --> Word Count (50)
 UserId="31513" Comment="tag, grammar" --> Word Count (6)
 UserId="31513" Comment="tag, grammar" --> Word Count (1)
 UserId="31513" Comment="added a tag" --> Word Count (1)
 UserId="31513" Comment="tag, format, title" --> Word Count (301)
 UserId="31513" Comment="tag, format, title" --> Word Count (11)
 UserId="31513" Comment="tag, format, title" --> Word Count (1)
 UserId="31513" Comment="added a tag" --> Word Count (69)
 UserId="31513" Comment="added a tag" --> Word Count (1)

UserId="31513" Comment="added a tag, spelling" --> Word Count (124)
 UserId="31513" Comment="added a tag, spelling" --> Word Count (1)
 UserId="26522" --> Word Count (102)
 UserId="26522" --> Word Count (6)
 UserId="26522" --> Word Count (1)
 UserId="30406" --> Word Count (5935)
 UserId="30406" --> Word Count (9)
 UserId="30406" --> Word Count (1)
 UserId="32110" --> Word Count (79)
 UserId="32110" --> Word Count (8)
 UserId="32110" --> Word Count (1)
 UserId="31513" Comment="added a tag" --> Word Count (1)
 UserId="31513" Comment="better tags" --> Word Count (180)
 UserId="31513" Comment="better tags" --> Word Count (1)
 UserId="8878" Comment="better tags" --> Word Count (1)
 UserId="31513" Comment="formatting" --> Word Count (112)
 UserId="31513" Comment="tag, format" --> Word Count (136)
 UserId="31513" Comment="tag, format" --> Word Count (1)
 UserId="31513" Comment="added a tag" --> Word Count (1)
 UserId="31513" Comment="tag, format" --> Word Count (276)
 UserId="31513" Comment="tag, format" --> Word Count (1)
 UserId="26522" Comment="added 87 characters in body" --> Word Count (108)
 UserId="836" --> Word Count (253)
 UserId="9584" --> Word Count (147)
 UserId="32116" --> Word Count (71)
 UserId="32116" --> Word Count (15)
 UserId="32116" --> Word Count (1)
 UserId="836" Comment="added 259 characters in body" --> Word Count (305)
 UserId="836" Comment="deleted 18 characters in body" --> Word Count (330)
 UserId="836" Comment="added 24 characters in body" --> Word Count (334)
 UserId="17290" --> Word Count (109)
 UserId="30928" --> Word Count (90)
 UserId="32119" --> Word Count (55)
 UserId="32119" --> Word Count (52)
 UserId="31513" --> Word Count (211)
 UserId="32119" --> Word Count (100)
 UserId="31513" Comment="added 53 characters in body" --> Word Count (217)
 UserId="9085" --> Word Count (83)
 UserId="31513" Comment="added 47 characters in body" --> Word Count (218)
 UserId="32119" --> Word Count (405)
 UserId="32119" --> Word Count (5)
 UserId="32119" --> Word Count (1)
 UserId="32119" Comment="change title" --> Word Count (9)
 UserId="29587" --> Word Count (390)
 UserId="32119" --> Word Count (29)
 UserId="32130" --> Word Count (83)
 UserId="32130" --> Word Count (9)
 UserId="32130" --> Word Count (1)

UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="32131" --> Word Count (102)
 UserId="32131" --> Word Count (16)
 UserId="32131" --> Word Count (1)
 UserId="30212" --> Word Count (34)
 UserId="30212" --> Word Count (66)
 UserId="9497" --> Word Count (114)
 <DELETE> --> Word Count (436)
 UserId="32119" --> Word Count (541)
 UserId="31513" Comment="title, format, style" --> Word Count (55)
 UserId="31513" Comment="title, format, style" --> Word Count (7)
 UserId="8878" Comment="format, style" --> Word Count (53)
 UserId="31513" Comment="added tags" --> Word Count (256)
 UserId="31513" Comment="added tags" --> Word Count (1)
 UserId="8878" Comment="added tags" --> Word Count (1)
 UserId="13727" --> Word Count (294)
 UserId="13727" Comment="Added automatic-summarization tag" --> Word Count (1)
 UserId="13727" Comment="A link to
https://en.wikipedia.org/wiki/Automatic_summarization" --> Word Count (298)
 UserId="32145" --> Word Count (139)
 UserId="32145" --> Word Count (10)
 UserId="32145" --> Word Count (1)
 UserId="14904" --> Word Count (109)
 UserId="31513" --> Word Count (78)
 UserId="31599" Comment="deleted 8 characters in body; edited title" --> Word
 Count (452)
 UserId="31599" Comment="deleted 8 characters in body; edited title" --> Word
 Count (11)
 UserId="31513" --> Word Count (31)
 UserId="32148" --> Word Count (86)
 UserId="32148" --> Word Count (3)
 UserId="32148" --> Word Count (1)
 UserId="29509" --> Word Count (128)
 UserId="29509" --> Word Count (11)
 UserId="29509" --> Word Count (1)
 UserId="30107" --> Word Count (138)
 UserId="11007" --> Word Count (4)
 UserId="31599" Comment="edited title" --> Word Count (10)
 UserId="5143" --> Word Count (139)
 UserId="5143" --> Word Count (11)
 UserId="5143" --> Word Count (1)
 UserId="31513" Comment="added a tag, spelling" --> Word Count (348)
 UserId="31513" Comment="added a tag, spelling" --> Word Count (1)
 UserId="31513" Comment="added a tag" --> Word Count (1)
 UserId="31513" Comment="tag and link" --> Word Count (270)
 UserId="31513" Comment="tag and link" --> Word Count (1)
 UserId="31513" Comment="tag, style" --> Word Count (190)

UserId="31513" Comment="tag, style" --> Word Count (1)
UserId="31513" Comment="added a tag" --> Word Count (1)
UserId="843" --> Word Count (52)
UserId="843" Comment="added 191 characters in body" --> Word Count (140)
UserId="9584" Comment="edit after comments" --> Word Count (229)
UserId="16538" --> Word Count (75)
UserId="30339" --> Word Count (1550)
UserId="30339" --> Word Count (9)
UserId="30339" --> Word Count (1)
UserId="843" Comment="added 12 characters in body" --> Word Count (72)
UserId="32156" --> Word Count (122)
UserId="32156" --> Word Count (14)
UserId="32156" --> Word Count (1)
UserId="32157" --> Word Count (161)
UserId="32157" --> Word Count (9)
UserId="32157" --> Word Count (1)
UserId="32156" Comment="Less about self-promotion" --> Word Count (32)
UserId="32156" Comment="Less about self-promotion" --> Word Count (6)
UserId="32156" Comment="Less about self-promotion" --> Word Count (52)
UserId="32156" Comment="Less about self-promotion" --> Word Count (10)
UserId="10345" --> Word Count (19)
UserId="32161" --> Word Count (80)
UserId="32161" --> Word Count (3)
UserId="32161" --> Word Count (1)
UserId="32156" Comment="added 1582 characters in body" --> Word Count (291)
UserId="9584" Comment="edit after comments" --> Word Count (605)
UserId="32156" Comment="added 1582 characters in body" --> Word Count (328)
UserId="32156" Comment="added 1582 characters in body" --> Word Count (377)
UserId="32156" Comment="added 1582 characters in body" --> Word Count (469)
UserId="836" --> Word Count (367)
UserId="836" Comment="added 142 characters in body" --> Word Count (384)
UserId="836" Comment="deleted 100 characters in body" --> Word Count (368)
UserId="31513" --> Word Count (159)
UserId="31513" Comment="added 26 characters in body" --> Word Count (164)
UserId="31513" Comment="added 34 characters in body" --> Word Count (169)
UserId="32071" --> Word Count (155)
UserId="32071" --> Word Count (6)
UserId="32071" --> Word Count (1)
UserId="32167" --> Word Count (24)
UserId="32167" --> Word Count (14)
UserId="32167" --> Word Count (1)
UserId="32167" Comment="edited tags" --> Word Count (1)
UserId="14904" --> Word Count (61)
UserId="31513" Comment="better tags, link" --> Word Count (176)
UserId="31513" Comment="better tags, link" --> Word Count (1)
UserId="32177" --> Word Count (188)
UserId="924" --> Word Count (257)
UserId="32071" Comment="add to question with an example" --> Word Count (299)

UserId="14904" --> Word Count (204)
 UserId="32189" --> Word Count (133)
 UserId="30335" --> Word Count (202)
 UserId="30335" --> Word Count (15)
 UserId="30335" --> Word Count (1)
 UserId="32071" Comment="via Vote" --> Word Count (1)
 UserId="32071" --> Word Count (1)
 UserId="13736" --> Word Count (1801)
 UserId="13736" --> Word Count (6)
 UserId="13736" --> Word Count (1)
 UserId="30212" --> Word Count (78)
 UserId="9296" Comment="deleted 51 characters in body" --> Word Count (190)
 UserId="31513" Comment="added 1085 characters in body" --> Word Count (314)
 UserId="24651" --> Word Count (69)
 UserId="24651" --> Word Count (5)
 UserId="24651" --> Word Count (1)
 UserId="24651" Comment="deleted 19 characters in body" --> Word Count (66)
 UserId="32196" --> Word Count (84)
 UserId="32196" --> Word Count (2)
 UserId="32196" --> Word Count (1)
 UserId="24651" Comment="added 111 characters in body" --> Word Count (86)
 UserId="32198" --> Word Count (25)
 UserId="32198" --> Word Count (8)
 UserId="32198" --> Word Count (1)
 UserId="9123" --> Word Count (65)
 UserId="9123" --> Word Count (22)
 UserId="18501" --> Word Count (63)
 UserId="18501" --> Word Count (13)
 UserId="18501" --> Word Count (1)
 UserId="28600" --> Word Count (836)
 UserId="28600" --> Word Count (10)
 UserId="28600" --> Word Count (1)
 UserId="31513" Comment="spelling, format" --> Word Count (105)
 UserId="28600" Comment="added 547 characters in body" --> Word Count (932)
 UserId="13736" Comment="edited body; edited title" --> Word Count (1801)
 UserId="13736" Comment="edited body; edited title" --> Word Count (9)
 UserId="32153" --> Word Count (251)
 UserId="32153" --> Word Count (7)
 UserId="32153" --> Word Count (1)
 UserId="10810" --> Word Count (3305)
 UserId="10810" --> Word Count (15)
 UserId="10810" --> Word Count (1)
 UserId="15412" --> Word Count (114)
 UserId="23581" --> Word Count (126)
 UserId="836" --> Word Count (69)
 UserId="836" Comment="added 2 characters in body" --> Word Count (94)
 UserId="32215" --> Word Count (260)
 UserId="32215" --> Word Count (184)

UserId="32215" --> Word Count (140)
 UserId="32220" --> Word Count (123)
 UserId="32220" --> Word Count (9)
 UserId="32220" --> Word Count (1)
 UserId="29204" --> Word Count (96)
 UserId="29204" --> Word Count (8)
 UserId="29204" --> Word Count (1)
 UserId="28600" Comment="deleted 795 characters in body" --> Word Count (762)
 UserId="32164" --> Word Count (197)
 UserId="32164" --> Word Count (8)
 UserId="32164" --> Word Count (1)
 UserId="32230" --> Word Count (50)
 UserId="31245" --> Word Count (63)
 UserId="31245" --> Word Count (155)
 UserId="32196" --> Word Count (126)
 UserId="32196" --> Word Count (2)
 UserId="32196" --> Word Count (1)
 UserId="28600" Comment="added 179 characters in body" --> Word Count (785)
 UserId="32042" --> Word Count (153)
 UserId="32042" --> Word Count (12)
 UserId="32042" --> Word Count (1)
 UserId="20524" --> Word Count (234)
 UserId="20524" --> Word Count (10)
 UserId="20524" --> Word Count (1)
 UserId="4968" --> Word Count (95)
 UserId="4968" --> Word Count (9)
 UserId="4968" --> Word Count (1)
 UserId="31513" Comment="deleted 36 characters in body" --> Word Count (218)
 UserId="32259" --> Word Count (94)
 UserId="32259" --> Word Count (10)
 UserId="32259" --> Word Count (1)
 UserId="30107" --> Word Count (297)
 UserId="14904" --> Word Count (73)
 UserId="32262" --> Word Count (216)
 UserId="32262" --> Word Count (5)
 UserId="32262" --> Word Count (1)
 UserId="30212" --> Word Count (27)
 UserId="836" --> Word Count (176)
 UserId="4968" Comment="added more information and define the problem more formally. " --> Word Count (150)
 UserId="836" Comment="added 101 characters in body" --> Word Count (194)
 UserId="31513" Comment="added 129 characters in body" --> Word Count (327)
 UserId="31513" Comment="added a tag" --> Word Count (1)
 UserId="31513" Comment="added a tag" --> Word Count (1)
 UserId="31513" Comment="deleted 43 characters in body" --> Word Count (324)
 UserId="31513" Comment="typo, format" --> Word Count (149)
 UserId="30928" Comment="deleted 9 characters in body" --> Word Count (42)
 UserId="31610" --> Word Count (46)

UserId="31610" --> Word Count (13)
 UserId="31610" --> Word Count (1)
 UserId="31513" Comment="added a tag" --> Word Count (1)
 UserId="31513" Comment="added a tag" --> Word Count (1)
 UserId="32280" --> Word Count (275)
 UserId="32280" --> Word Count (6)
 UserId="32280" --> Word Count (1)
 UserId="32284" --> Word Count (89)
 UserId="32284" --> Word Count (12)
 UserId="32284" --> Word Count (1)
 UserId="32280" Comment="added 882 characters in body" --> Word Count (444)
 UserId="26562" --> Word Count (106)
 UserId="31434" --> Word Count (1738)
 UserId="31434" --> Word Count (8)
 UserId="31434" --> Word Count (1)
 UserId="31434" Comment="removed two useless comments" --> Word Count (2316)
 UserId="10975" --> Word Count (116)
 UserId="10975" --> Word Count (4)
 UserId="10975" --> Word Count (1)
 UserId="20374" --> Word Count (100)
 UserId="20374" --> Word Count (16)
 UserId="20374" --> Word Count (1)
 UserId="32215" Comment="added 11 characters in body" --> Word Count (187)
 UserId="32220" Comment="added 33 characters in body" --> Word Count (145)
 UserId="32292" --> Word Count (115)
 UserId="29810" --> Word Count (60)
 UserId="29810" --> Word Count (11)
 UserId="29810" --> Word Count (1)
 UserId="15412" --> Word Count (43)
 UserId="21" Comment="102" --> Word Count (5)
 UserId="21" Comment="105" --> Word Count (2)
 UserId="31513" Comment="better tag" --> Word Count (1)
 UserId="31513" Comment="added a short excerpt and an info" --> Word Count (6)
 UserId="31513" Comment="added a short excerpt and an info" --> Word Count (34)
 UserId="20524" --> Word Count (220)
 UserId="18315" --> Word Count (81)
 UserId="18315" --> Word Count (8)
 UserId="18315" --> Word Count (1)
 UserId="32307" --> Word Count (163)
 UserId="32307" Text=" --> Word Count (8)
 UserId="32307" --> Word Count (1)
 UserId="30212" --> Word Count (66)
 UserId="30212" --> Word Count (46)
 UserId="32311" --> Word Count (56)
 UserId="32311" --> Word Count (4)
 UserId="32311" --> Word Count (1)
 UserId="32307" Comment="deleted 3 characters in body" --> Word Count (163)
 UserId="32307" Text="Thank you for your reply.
By accident I found out

```

that MicrosoftML (**https://msdn.microsoft.com/en-us/microsoft-r/microsoftml-
introduction**) offers just what I need - by using the featurizeText functions
offered within Microsoft R client and R server.&#xD;&#xA;Maybe it helps others -
I found their example and could it translate to my data (featurizeText() help
under Microsoft ML).&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;    trainReviews <-
data.frame(review = c( &#xD;&#xA;                &quot;This is
great&quot;;&#xD;&#xA;                &quot;I hate it&quot;;&#xD;&#xA;
&quot;Love it&quot;;&#xD;&#xA;                &quot;Do not like it&quot;;&#xD;&#xA;
&quot;Really like it&quot;;&#xD;&#xA;                &quot;I hate
it&quot;;&#xD;&#xA;                &quot;I like it a lot&quot;;&#xD;&#xA;
&quot;I kind of hate it&quot;;&#xD;&#xA;                &quot;I do like
it&quot;;&#xD;&#xA;                &quot;I really hate it&quot;;&#xD;&#xA;
&quot;It is very good&quot;;&#xD;&#xA;                &quot;I hate it a
bunch&quot;;&#xD;&#xA;                &quot;I love it a bunch&quot;;&#xD;&#xA;
&quot;I hate it&quot;;&#xD;&#xA;                &quot;I like it very
much&quot;;&#xD;&#xA;                &quot;I hate it very much.&quot;;&#xD;&#xA;
&quot;I really do love it&quot;;&#xD;&#xA;                &quot;I really do hate
it&quot;;&#xD;&#xA;                &quot;Love it!&quot;;&#xD;&#xA;
&quot;Hate it!&quot;;&#xD;&#xA;                &quot;I love it&quot;;&#xD;&#xA;
&quot;I hate it&quot;;&#xD;&#xA;                &quot;I love it&quot;;&#xD;&#xA;
&quot;I hate it&quot;;&#xD;&#xA;                &quot;I love it&quot;;&#xD;&#xA;
like = c(TRUE, FALSE, TRUE, FALSE, TRUE,&#xD;&#xA;                FALSE, TRUE,
FALSE, TRUE, FALSE, TRUE, FALSE, TRUE,&#xD;&#xA;                FALSE, TRUE, FALSE,
TRUE, FALSE, TRUE, FALSE, TRUE, &#xD;&#xA;                FALSE, TRUE, FALSE, TRUE),
stringsAsFactors = FALSE&#xD;&#xA;                )&#xD;&#xA;    &#xD;&#xA;
testReviews <- data.frame(review = c(&#xD;&#xA;                &quot;This is
great&quot;;&#xD;&#xA;                &quot;I hate it&quot;;&#xD;&#xA;
&quot;Love it&quot;;&#xD;&#xA;                &quot;Really like it&quot;;&#xD;&#xA;
&quot;I hate it&quot;;&#xD;&#xA;                &quot;I like it a
lot&quot;;&#xD;&#xA;                &quot;I love it&quot;;&#xD;&#xA;
&quot;I do like it&quot;;&#xD;&#xA;                &quot;I really hate
it&quot;;&#xD;&#xA;                &quot;I love it&quot;;&#xD;&#xA;), stringsAsFactors =
FALSE)&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;    outModel <- rxLogisticRegression(like
~ reviewTran, data = trainReviews,&#xD;&#xA;                mlTransforms =
list(featurize --> Word Count (29)
UserId="25560" --> Word Count (19)
UserId="25560" --> Word Count (8)
UserId="25560" --> Word Count (1)
UserId="13833" Comment="added 78 characters in body" --> Word Count (122)
UserId="32314" --> Word Count (134)
UserId="32314" --> Word Count (9)
UserId="32314" --> Word Count (1)
UserId="32314" Comment="edited title" --> Word Count (9)
UserId="28600" --> Word Count (422)
UserId="28600" --> Word Count (8)
UserId="28600" --> Word Count (1)
UserId="28600" Comment="added 235 characters in body" --> Word Count (435)
UserId="31434" Comment="added confusion matrices" --> Word Count (2450)

```

UserId="32311" Comment="added 2 characters in body" --> Word Count (57)
 UserId="381" Comment="added 84 characters in body" --> Word Count (216)
 UserId="12241" --> Word Count (69)
 UserId="30212" --> Word Count (40)
 UserId="836" Comment="added 1366 characters in body" --> Word Count (374)
 UserId="836" --> Word Count (244)
 UserId="836" Comment="added 158 characters in body" --> Word Count (312)
 UserId="836" Comment="added 158 characters in body" --> Word Count (346)
 UserId="7829" --> Word Count (39)
 UserId="32189" --> Word Count (25)
 UserId="381" --> Word Count (73)
 UserId="381" Comment="added 6 characters in body" --> Word Count (75)
 UserId="31434" Comment="added plots" --> Word Count (2514)
 UserId="31434" --> Word Count (483)
 UserId="31434" --> Word Count (5)
 UserId="31434" --> Word Count (1)
 UserId="31434" Comment="clarified" --> Word Count (486)
 UserId="32343" --> Word Count (325)
 UserId="32343" --> Word Count (13)
 UserId="32343" --> Word Count (1)
 UserId="28600" Comment="added 142 characters in body" --> Word Count (458)
 UserId="31513" Comment="added a tag" --> Word Count (1)
 UserId="836" --> Word Count (113)
 UserId="31513" Text="Steinberger *(doctoral Thesis, 2005)*

[
 --> Word Count (269)
 UserId="31513" Comment="added 760 characters in body" Text="Steinberger
 (doctoral Thesis, 2005)

[Text Summarization within the LSA
 Framework] [1]

 ;
In section 2.1, the author discusses document summarization
 approaches based on sentence extraction. He identifies five
 approaches:

- Surface Level Approaches
- Corpus-
 based Approaches
- Cohesion-based Approaches
- Rhetoric-based
 Approaches
- Graph-based Approaches

(The "First
 Sentence Approach" belongs to the *Surface Level Approaches".) The
 author further describes these approaches and compares
 them.

Khodra,
 Widyantoro, Aziz, Trilaksono *(Journal of ICT Research and Applications,
 2011)*

[Free Model of Sentence Classifier for Automatic
 Extraction of Topic Sentences] [2]

The author identifies and
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 of 58 items below, called features). Surprisingly, in the conclusion, it is said
 that position of the sentence is a dominant feature, meaning that including all
 other features into consideration leads only to small
 improvement.

1. position
2. sentence
 length
3. number of words before a main verb
4. adjective
 incidence
5. existential there incidence
6. incidence of 3rd
 person singular grammatical form
7. anaphora incidence
8.

coordinators incidence
 9. cardinal number incidence
 10.
 incidence of past tense endings
 11. Hypernymy
 12.
 Polysemy
 13. concreteness index
 14.
 affect_formulai
 15. bad_formulaic
 16.
 comparison_formulaic
 17. continue_formulaic
 18.
 contrast_formulaic
 19. detail_formulaic
 20.
 future_formulaic
 21. gap_formulaic
 22.
 good_formulaic
 23. here_formulaic
 24.
 in_order_to_formulaic
 25. method_formulaic
 26.
 no_textstructure_formulaic
 27. similarity_formulaic
 28.
 them_formulaic
 29. textstructure_formulaic
 30.
 tradition_formulaic
 31. us_previous_formulaic
 32.
 affect
 33. argumentation
 34. better_solution
 35.
 change
 36. comparison
 37. continue
 38.
 contrast
 39. interest
 40. need
 41.
 presentation
 42. problem
 43. research
 44.
 solution
 45. textstructure
 46. use
 47.
 copula
 48. aim_ref_agent
 49. gap_agent
 50.
 general_agent
 51. problem_agent
 52. ref_agent
 53.
 ref_us_agent
 54. solution_agent
 55.
 textstructure_agent
 56. them_agent
 57.
 them_pronoun_agent
 58.
 us_agent

Other papers
 worth examining:

 ;
Kupiec, Pedersen, Chen *(1995)*

[A Trainable Document S
 ummarizer] [3]

-

Yang, Pedersen *(1997)*

[A
 Comparative Study on Feature Selection in Text Categorization] [5]

 xA;-----

Sebastiani *(2002)*

[Machine
 Learning in Automated --> Word Count (17)
 UserId="31513" Comment="added 760 characters in body" Text="Steinberger
 (doctoral Thesis, 2005)

[Text Summarization within the LSA
 Framework] [1]

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that position of the sentence is a dominant feature, meaning that including all other features into consideration leads only to small improvement.

1. position; 2. sentence length; 3. number of words before a main verb; 4. adjective incidence; 5. existential there incidence; 6. incidence of 3rd person singular grammatical form; 7. anaphora incidence; 8. coordinators incidence; 9. cardinal number incidence; 10. incidence of past tense endings; 11. Hypernymy; 12. Polysemy; 13. concreteness index; 14. affect_formulaic; 15. bad_formulaic; 16. comparison_formulaic; 17. continue_formulaic; 18. contrast_formulaic; 19. detail_formulaic; 20. future_formulaic; 21. gap_formulaic; 22. good_formulaic; 23. here_formulaic; 24. in_order_to_formulaic; 25. method_formulaic; 26. no_textstructure_formulaic; 27. similarity_formulaic; 28. them_formulaic; 29. textstructure_formulaic; 30. tradition_formulaic; 31. us_previous_formulaic; 32. affect; 33. argumentation; 34. better_solution; 35. change; 36. comparison; 37. continue; 38. contrast; 39. interest; 40. need; 41. presentation; 42. problem; 43. research; 44. solution; 45. textstructure; 46. use; 47. copula; 48. aim_ref_agent; 49. gap_agent; 50. general_agent; 51. problem_agent; 52. ref_agent; 53. ref_us_agent; 54. solution_agent; 55. textstructure_agent; 56. them_agent; 57. them_pronoun_agent; 58. us_agent;

For you, the most important part of the paper may be table 5: [enter image description here] [3] [3] Read carefully the explanation of the table in the paper, and the whole Section 4.3. Other papers worth examining: Luhn *(1958) [The Automatic Creation of Literature Abstracts] [4] & Kupiec, Pedersen, Chen *(1995) [A Trainable Document Summarizer] [5] & Yang, Pedersen *(1997) [A Comparative Study on Feature Selection in Text Categorization] [6] Sebastiani *(2002) [Machine Learning in Automated --> Word Count (23) UserId="31513" Comment="added 669 characters in body" Text="Keselman, Schubert [Computational models for text summarization] [1] The paper deals with methods (models) for text summarization. The refernece (base) model was "first sentence model"; > As a baseline for our models we used a trivial model that repeats the >

first sentence of the input document. Then, various experiments and results are presented, like this one: (notice that "first sentence model" is always present as "baseline")

[! [enter image description here] [2]] [2]

Steinberger
 (doctoral Thesis, 2005)
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(The "First Sentence Approach" belongs to the "Surface Level Approaches") The author further describes these approaches and compares them.

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1. position
2. sentence length
3. number of words before a main verb
4. adjective incidence
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7. anaphora incidence
8. coordinators incidence
9. cardinal number incidence
10. incidence of past tense endings
11. Hypernymy
12. Polysemy
13. concreteness index
14. affect_formulai
15. bad_formulaic
16. comparison_formulaic
17. continue_formulaic
18. contrast_formulaic
19. detail_formulaic
20. future_formulaic
21. gap_formulaic
22. good_formulaic
23. here_formulaic
24. in_order_to_formulaic
25. method_formulaic
26. no_textstructure_formulaic
27. similarity_formulaic
28. them_formulaic
29. textstructure_formulaic
30. tradition_formulaic
31. us_previous_formulaic
32. affect
33. argumentation
34. better_solution
35. change
36. comparison
37. continue
38. contrast
39. interest
40. need
41. presentation
42. problem
43. research
44. solution
45. textstructure
46. use
47. copula
48. aim_ref_agent
49. gap_agent
50. general_agent
51. problem_agent
52. ref_agent
53. ref_us_agent
54. solution_agent
55. textstructure_agent
56. them_agent
- 57.

them_pronoun_agent
 58. us_agent

For you, the most important part of the paper may be table 5:

[! [enter image description here] [5]] [5]

Read carefully the explanation of the table in the paper, and the whole Section

4.3.

Other papers worth examining:

Luhn *(1958)*

[The Automatic Creation of Literature Abstracts] [6]

Kupiec, Pedersen, Chen *(1995)*

[A Trainable Document Summarizer] [7]

Yang, Pedersen *(1997)*

[A Comparative Study on Feature Selection in Text Categorization] [8]

Sebastiani *(2002)*

[Machine Learning in Automated --> Word Count (29) UserId="31513" Comment="added 171 characters in body" Text="Keselman, Schubert

[Computational models for text summarization] [1]

The paper deals with methods (models) for text summarization. The refernece (base) model was "first sentence model":

> As a baseline for our models we used a trivial model that repeats the
> first sentence of the input document.

Then, various experiments and results are presented, like this one: (notice that "first sentence model" is always present as "baseline")

[! [enter image description here] [2]] [2]

Moreover, one of the datasets for training and evaluation of models in this paper is [DUC] [3], which may be interesting to you.

Steinberger *(doctoral Thesis, 2005)*

[Text Summarization within the LSA Framework] [4]

In section 2.1, the author discusses document summarization approaches based on sentence extraction. He identifies five approaches:

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The author further describes these approaches and compares them.

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 1. position
 2. sentence length
 3. number of words before a main verb
 4. adjective

incidence
 5. existential there incidence
 6. incidence of 3rd
 person singular grammatical form
 7. anaphora incidence
 8.
 coordinators incidence
 9. cardinal number incidence
 10.
 incidence of past tense endings
 11. Hypernymy
 12.
 Polysemy
 13. concreteness index
 14.
 affect_formulai
 15. bad_formulaic
 16.
 comparison_formulaic
 17. continue_formulaic
 18.
 contrast_formulaic
 19. detail_formulaic
 20.
 future_formulaic
 21. gap_formulaic
 22.
 good_formulaic
 23. here_formulaic
 24.
 in_order_to_formulaic
 25. method_formulaic
 26.
 no_textstructure_formulaic
 27. similarity_formulaic
 28.
 them_formulaic
 29. textstructure_formulaic
 30.
 tradition_formulaic
 31. us_previous_formulaic
 32.
 affect
 33. argumentation
 34. better_solution
 35.
 change
 36. comparison
 37. continue
 38.
 contrast
 39. interest
 40. need
 41.
 presentation
 42. problem
 43. research
 44.
 solution
 45. textstructure
 46. use
 47.
 copula
 48. aim_ref_agent
 49. gap_agent
 50.
 general_agent
 51. problem_agent
 52. ref_agent
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 54. solution_agent
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 textstructure_agent
 56. them_agent
 57.
 them_pronoun_agent
 58. us_agent

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 important part of the paper may be table 5:

[[enter image
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Read carefully the explanation of
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Other papers worth examini
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-----&
 #xD;

Yang, Pedersen
 (1997)

[A Comparative Study on Feature Selection in Text Ca
 tegorization][9]

Sebastiani
 (2002)

[Machine Learning in Automated --> Word Count (32)
 UserId="32357" --> Word Count (49)
 UserId="32357" --> Word Count (10)
 UserId="32357" --> Word Count (1)
 UserId="32359" --> Word Count (166)
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 UserId="32360" --> Word Count (115)

UserId="32360" --> Word Count (15)
 UserId="32360" --> Word Count (1)
 UserId="836" Comment="added 333 characters in body" --> Word Count (432)
 UserId="28600" Comment="added 463 characters in body" --> Word Count (542)
 UserId="29587" --> Word Count (147)
 UserId="31513" Comment="edited body" Text="Keselman,
 Schubert

[Computational models for text summarization] [1]
 ;

The
 paper deals with methods (models) for text summarization. The reference (base)
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[Text Summarization within the LSA
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2. sentence
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3. number of words before a main verb
4. adjective
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8.
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9. cardinal number incidence
10.
 incidence of past tense endings
11. Hypernymy
12.
 Polysemy
13. concreteness index
14.
 affect_formulaic
15. bad_formulaic
16.
 comparison_formulaic
17. continue_formulaic
18.
 contrast_formulaic
19. detail_formulaic
20.
 future_formulaic
21. gap_formulaic
22.
 good_formulaic
23. here_formulaic
24.

in_order_to_formulaic
 25. method_formulaic
 26.
 no_textstructure_formulaic
 27. similarity_formulaic
 28.
 them_formulaic
 29. textstructure_formulaic
 30.
 tradition_formulaic
 31. us_previous_formulaic
 32.
 affect
 33. argumentation
 34. better_solution
 35.
 change
 36. comparison
 37. continue
 38.
 contrast
 39. interest
 40. need
 41.
 presentation
 42. problem
 43. research
 44.
 solution
 45. textstructure
 46. use
 47.
 copula
 48. aim_ref_agent
 49. gap_agent
 50.
 general_agent
 51. problem_agent
 52. ref_agent
 53.
 ref_us_agent
 54. solution_agent
 55.
 textstructure_agent
 56. them_agent
 57.
 them_pronoun_agent
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[! [enter image
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 #xD;

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[A
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-----&
 #xD;

Yang, Pedersen
 (1997)

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Sebastiani
 (2002)

[Machine Learning in Automated --> Word Count (32)
 UserId="4968" --> Word Count (107)
 UserId="4968" --> Word Count (6)
 UserId="4968" --> Word Count (1)
 UserId="31513" Comment="added a picture, better format" --> Word Count (115)
 UserId="32360" Comment="added a picture, better format" --> Word Count (124)
 UserId="28600" Comment="be more specific " --> Word Count (170)
 UserId="28600" Comment="be more specific " --> Word Count (10)
 UserId="30212" --> Word Count (52)
 UserId="836" --> Word Count (192)
 UserId="836" Comment="added 124 characters in body" --> Word Count (212)
 UserId="31513" --> Word Count (86)
 UserId="32367" --> Word Count (87)
 UserId="32367" --> Word Count (8)
 UserId="32367" --> Word Count (1)
 UserId="31513" --> Word Count (32)
 UserId="32373" --> Word Count (83)
 UserId="32373" --> Word Count (12)
 UserId="32373" --> Word Count (1)
 UserId="30959" --> Word Count (148)
 UserId="30959" --> Word Count (4)

UserId="30959" --> Word Count (1)
 UserId="32374" --> Word Count (118)
 UserId="32374" --> Word Count (3)
 UserId="32374" --> Word Count (1)
 UserId="924" --> Word Count (55)
 UserId="32377" --> Word Count (75)
 UserId="14633" --> Word Count (48)
 UserId="32379" --> Word Count (146)
 UserId="32379" --> Word Count (10)
 UserId="32379" --> Word Count (1)
 UserId="23305" --> Word Count (181)
 UserId="19161" --> Word Count (268)
 UserId="29801" --> Word Count (162)
 UserId="29801" --> Word Count (6)
 UserId="29801" --> Word Count (1)
 UserId="30212" --> Word Count (128)
 UserId="29801" --> Word Count (224)
 UserId="29801" Comment="improved title" --> Word Count (8)
 UserId="381" Comment="added 4 characters in body" --> Word Count (91)
 UserId="31822" --> Word Count (432)
 UserId="31822" --> Word Count (5)
 UserId="31822" --> Word Count (1)
 UserId="32177" Comment="Fixing code section" --> Word Count (496)
 UserId="32177" --> Word Count (189)
 UserId="8792" --> Word Count (80)
 UserId="21" Comment="appended answer 5207 as supplemental" --> Word Count (184)
 UserId="32393" --> Word Count (21)
 UserId="31513" Comment="better title" --> Word Count (130)
 UserId="31513" Comment="better title" --> Word Count (10)
 UserId="31513" Comment="added a tag" --> Word Count (1)
 UserId="32357" Comment="added 16 characters in body; edited title" --> Word Count (51)
 UserId="32357" Comment="added 16 characters in body; edited title" --> Word Count (9)
 UserId="30928" --> Word Count (52)
 UserId="30928" Comment="added 276 characters in body" --> Word Count (97)
 UserId="31822" --> Word Count (86)
 UserId="32398" --> Word Count (68)
 UserId="32398" --> Word Count (6)
 UserId="32398" --> Word Count (1)
 UserId="32398" Comment="added 185 characters in body" --> Word Count (83)
 UserId="32398" Comment="added 62 characters in body" --> Word Count (97)
 UserId="24651" --> Word Count (44)
 UserId="32367" Comment="deleted 284 characters in body; edited title" --> Word Count (44)
 UserId="32367" Comment="deleted 284 characters in body; edited title" --> Word Count (4)
 UserId="23581" Comment="added 1059 characters in body" --> Word Count (295)

UserId="31513" Comment="added a tag" --> Word Count (1)
 UserId="31424" --> Word Count (87)
 UserId="31424" --> Word Count (9)
 UserId="31424" --> Word Count (1)
 UserId="32398" Comment="added reasoning and thought" --> Word Count (204)
 UserId="32398" --> Word Count (73)
 UserId="32398" --> Word Count (5)
 UserId="32398" --> Word Count (1)
 UserId="31446" --> Word Count (16)
 UserId="836" --> Word Count (131)
 UserId="32398" Comment="added 392 characters in body" --> Word Count (271)
 UserId="23850" --> Word Count (22)
 UserId="23850" --> Word Count (7)
 UserId="23850" --> Word Count (1)
 UserId="14372" Comment="Fixed minor spelling mistakes, improved readability a bit. " --> Word Count (2044)
 UserId="14372" Comment="Fixed minor spelling mistakes, improved readability a bit. " --> Word Count (8)
 UserId="31822" --> Word Count (49)
 UserId="32417" --> Word Count (393)
 UserId="31513" Comment="added a tag, link" --> Word Count (44)
 UserId="31513" Comment="added a tag, link" --> Word Count (1)
 UserId="19212" --> Word Count (238)
 UserId="19212" --> Word Count (11)
 UserId="19212" --> Word Count (1)
 UserId="17484" --> Word Count (108)
 UserId="17484" --> Word Count (17)
 UserId="17484" --> Word Count (1)
 UserId="17484" Comment="added 38 characters in body" --> Word Count (148)
 UserId="836" Text="The subject areas Artificial Intelligence and Machine Learning (plus Data Science) are loosely defined, such that it is hard to make strict statements about how they relate. In the general case, it seems that there are parts that overlap, but that they are quite far from being "the same subject with two different names"; as suggested in the question.

The term *Artificial Intelligence* has many possible meanings and interpretations - which version to refer varies by time and by the source using it. --> Word Count (342)
 UserId="30212" --> Word Count (85)
 UserId="21" Comment="edited tags" --> Word Count (1)
 UserId="21" Comment="edited tags" --> Word Count (1)
 UserId="21" Comment="edited tags" --> Word Count (1)
 UserId="21" Comment="edited tags" --> Word Count (1)
 UserId="21" Comment="edited tags" --> Word Count (1)
 UserId="21" Comment="edited tags" --> Word Count (1)
 UserId="21" Comment="edited tags" --> Word Count (1)
 UserId="21" Comment="edited tags" --> Word Count (1)
 UserId="21" Comment="edited tags" --> Word Count (1)
 UserId="21" Comment="edited tags" --> Word Count (1)

UserId="21" Comment="edited tags" --> Word Count (1)
 UserId="21" Comment="105" --> Word Count (2)
 UserId="32433" --> Word Count (126)
 UserId="32433" --> Word Count (8)
 UserId="32433" --> Word Count (1)
 UserId="32433" Comment="edited title" --> Word Count (8)
 UserId="8560" --> Word Count (272)
 UserId="8560" --> Word Count (124)
 UserId="29931" --> Word Count (191)
 UserId="29931" --> Word Count (6)
 UserId="29931" --> Word Count (1)
 UserId="31822" --> Word Count (224)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="14372" Comment="Fixed own (minor) typo" --> Word Count (2047)
 UserId="31513" Comment="added a tag, better title" --> Word Count (9)
 UserId="31513" Comment="added a tag, better title" --> Word Count (1)
 UserId="27966" --> Word Count (49)
 UserId="27966" --> Word Count (11)
 UserId="27966" --> Word Count (1)
 UserId="27966" Comment="edited tags" --> Word Count (1)
 UserId="32433" Comment="Added learning curves" --> Word Count (155)
 UserId="32459" --> Word Count (150)
 UserId="32459" --> Word Count (8)
 UserId="32459" --> Word Count (1)
 UserId="836" --> Word Count (346)
 UserId="836" Comment="added 6 characters in body" --> Word Count (347)
 UserId="32367" Comment="added 16 characters in body; edited title" --> Word Count (44)
 UserId="32367" Comment="added 16 characters in body; edited title" --> Word Count (4)
 UserId="32367" Comment="added 145 characters in body" --> Word Count (73)
 UserId="32367" Comment="added 145 characters in body" --> Word Count (101)
 UserId="16764" --> Word Count (52)
 UserId="16764" --> Word Count (6)
 UserId="16764" --> Word Count (1)
 UserId="14675" --> Word Count (62)
 UserId="30170" --> Word Count (371)
 UserId="30170" --> Word Count (8)
 UserId="30170" --> Word Count (1)
 UserId="17696" --> Word Count (94)
 UserId="32433" Comment="Added data and code" --> Word Count (226)
 UserId="15624" --> Word Count (84)
 UserId="15624" --> Word Count (13)
 UserId="15624" --> Word Count (1)
 UserId="32433" Comment="Added data and code" --> Word Count (272)
 UserId="32433" Comment="Added data and code" --> Word Count (1)
 UserId="924" Comment="added 75 characters in body" --> Word Count (122)
 UserId="26686" Comment="clarified title and made question division more clear"

--> Word Count (166)
 UserId="26686" Comment="clarified title and made question division more clear"
 --> Word Count (7)
 UserId="32490" --> Word Count (103)
 UserId="32490" --> Word Count (6)
 UserId="32490" --> Word Count (1)
 UserId="30056" --> Word Count (47)
 UserId="30056" --> Word Count (3)
 UserId="30056" --> Word Count (1)
 UserId="9123" Comment="deleted 16 characters in body" --> Word Count (46)
 UserId="9123" --> Word Count (70)
 UserId="-1" Comment="standard deviation is sigma, not sigma^2" --> Word Count (165)
 UserId="17208" --> Word Count (180)
 UserId="17208" Comment="added 10 characters in body" --> Word Count (181)
 UserId="17208" --> Word Count (48)
 UserId="13481" --> Word Count (56)
 UserId="13481" --> Word Count (17)
 UserId="13481" --> Word Count (1)
 UserId="14675" Comment="more info to address OP comments" --> Word Count (153)
 UserId="32508" --> Word Count (270)
 UserId="32508" --> Word Count (6)
 UserId="32508" --> Word Count (1)
 UserId="30928" --> Word Count (132)
 UserId="32511" --> Word Count (168)
 UserId="32169" --> Word Count (451)
 UserId="32169" --> Word Count (8)
 UserId="32169" --> Word Count (1)
 UserId="32510" --> Word Count (455)
 UserId="32510" --> Word Count (14)
 UserId="32510" --> Word Count (1)
 UserId="381" --> Word Count (579)
 UserId="32521" --> Word Count (92)
 UserId="32521" --> Word Count (13)
 UserId="32521" --> Word Count (1)
 UserId="381" Comment="deleted 1720 characters in body" --> Word Count (323)
 UserId="843" Comment="added 94 characters in body" --> Word Count (17)
 UserId="843" --> Word Count (49)
 UserId="843" --> Word Count (17)
 UserId="843" --> Word Count (1)
 UserId="32248" --> Word Count (270)
 UserId="32248" --> Word Count (17)
 UserId="32248" --> Word Count (1)
 UserId="32433" --> Word Count (55)
 UserId="32535" --> Word Count (92)
 UserId="32535" --> Word Count (19)
 UserId="32535" --> Word Count (1)
 UserId="32535" Comment="added 220 characters in body" --> Word Count (107)

UserId="32535" Comment="added 1 character in body" --> Word Count (107)
 UserId="14904" --> Word Count (291)
 UserId="14904" --> Word Count (5)
 UserId="14904" --> Word Count (1)
 UserId="32543" --> Word Count (189)
 UserId="32543" --> Word Count (10)
 UserId="32543" --> Word Count (1)
 UserId="32542" --> Word Count (80)
 UserId="32542" --> Word Count (7)
 UserId="32542" --> Word Count (1)
 UserId="14904" Comment="added 433 characters in body" --> Word Count (366)
 UserId="8370" --> Word Count (44)
 UserId="20618" --> Word Count (66)
 UserId="20618" --> Word Count (4)
 UserId="20618" --> Word Count (1)
 UserId="32546" --> Word Count (388)
 UserId="32546" --> Word Count (9)
 UserId="32546" --> Word Count (1)
 UserId="32550" --> Word Count (191)
 UserId="32550" --> Word Count (7)
 UserId="32550" --> Word Count (1)
 UserId="1244" --> Word Count (151)
 UserId="1244" --> Word Count (8)
 UserId="1244" --> Word Count (1)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (95)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (94)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (155)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (291)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (268)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (64)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (273)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (190)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (642)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (80)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (80)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (177)

[illegible]

UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (595)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (968)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (225)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (248)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (197)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (50)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (29)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (91)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (212)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (155)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (117)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (327)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (31)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (118)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" Text="First of all I should mention that this is an
 OS specific question. You will see this problem in Windows but not in Linux (I'm
 not sure about OS X, but maybe no problem there too.)

The
 problem with your code is not with the reading part.
If you open your
 `test.csv` in Notepad++ you will see something like
 this:

![file written from R][1]

If you
 edit it in Notepad++ so that it looks like 

![file edited in
 Notepad++][2]

and then you run this:


 testdf <- read.csv("test.csv",encoding="UTF-8")

 testdf[1,3]
 testdf\$list2

 plot(1:10,main=testdf[2,3])

You will see that there is no
 problem.

So in fact there are two
 problems:

 1. When writing Unicode text, R changes it back to
 system locale and then again to unicode, that's why writing data to csv file
 does not work correctly.

 2. R has problems showing Unicode
 data in `data.frame` so even after reading it correctly, `testdf` would print
 those codes there not the Unicode characters.

see this
 question on [Writing Unicode Text into Text File from R (in Windows)][3] in R
 mailing list archives,
and also this question on [UTF-8 file output in

R] [4] on stackoverflow.


 [1]:
<http://i.stack.imgur.com/IhqXP.png>
 [2]:
<http://i.stack.imgur.com/909pp.png>
 [3]:
<http://r.789695.n4.nabble.com/Writing-Unicode-Text-into-> --> Word Count (4)
 UserId="-1" Comment="replaced <http://stackoverflow.com/> with
<https://stackoverflow.com/>" --> Word Count (88)
 UserId="-1" Comment="replaced <http://stackoverflow.com/> with
<https://stackoverflow.com/>" --> Word Count (17)
 UserId="-1" Comment="replaced <http://stackoverflow.com/> with
<https://stackoverflow.com/>" --> Word Count (152)
 UserId="-1" Comment="replaced <http://stackoverflow.com/> with
<https://stackoverflow.com/>" --> Word Count (1355)
 UserId="-1" Comment="replaced <http://stackoverflow.com/> with
<https://stackoverflow.com/>" --> Word Count (264)
 UserId="-1" Comment="replaced <http://stackoverflow.com/> with
<https://stackoverflow.com/>" --> Word Count (171)
 UserId="-1" Comment="replaced <http://stackoverflow.com/> with
<https://stackoverflow.com/>" --> Word Count (940)
 UserId="-1" Comment="replaced <http://stackoverflow.com/> with
<https://stackoverflow.com/>" --> Word Count (73)
 UserId="-1" Comment="replaced <http://stackoverflow.com/> with
<https://stackoverflow.com/>" --> Word Count (31)
 UserId="-1" Comment="replaced <http://stackoverflow.com/> with
<https://stackoverflow.com/>" --> Word Count (316)
 UserId="-1" Comment="replaced <http://stackoverflow.com/> with
<https://stackoverflow.com/>" --> Word Count (96)
 UserId="-1" Comment="replaced <http://stackoverflow.com/> with
<https://stackoverflow.com/>" --> Word Count (122)
 UserId="-1" Comment="replaced <http://stackoverflow.com/> with
<https://stackoverflow.com/>" --> Word Count (197)
 UserId="-1" Comment="replaced <http://stackoverflow.com/> with
<https://stackoverflow.com/>" --> Word Count (428)
 UserId="-1" Comment="replaced <http://stackoverflow.com/> with
<https://stackoverflow.com/>" --> Word Count (73)
 UserId="-1" Comment="replaced <http://stackoverflow.com/> with
<https://stackoverflow.com/>" --> Word Count (78)
 UserId="-1" Comment="replaced <http://stackoverflow.com/> with
<https://stackoverflow.com/>" --> Word Count (145)
 UserId="-1" Comment="replaced <http://stackoverflow.com/> with
<https://stackoverflow.com/>" --> Word Count (61)
 UserId="-1" Comment="replaced <http://stackoverflow.com/> with
<https://stackoverflow.com/>" --> Word Count (240)
 UserId="-1" Comment="replaced <http://stackoverflow.com/> with
<https://stackoverflow.com/>" --> Word Count (29)
 UserId="-1" Comment="replaced <http://stackoverflow.com/> with
<https://stackoverflow.com/>" --> Word Count (505)
 UserId="-1" Comment="replaced <http://stackoverflow.com/> with
<https://stackoverflow.com/>" --> Word Count (201)

[illegible]

[illegible]

[illegible]

[illegible]

UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (49)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (27)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (172)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (430)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (210)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (39)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (251)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (330)
 UserId="-1" Comment="replaced http://stackoverflow.com/ with
 https://stackoverflow.com/" --> Word Count (204)
 UserId="19212" --> Word Count (792)
 UserId="19212" --> Word Count (10)
 UserId="19212" --> Word Count (1)
 UserId="32554" --> Word Count (74)
 UserId="32554" --> Word Count (7)
 UserId="32554" --> Word Count (1)
 UserId="8370" --> Word Count (158)
 UserId="32248" Comment="added 585 characters in body" --> Word Count (349)
 UserId="23305" Comment="typo" --> Word Count (182)
 UserId="14904" --> Word Count (114)
 UserId="31676" --> Word Count (278)
 UserId="31676" --> Word Count (10)
 UserId="31676" --> Word Count (1)
 UserId="32580" --> Word Count (177)
 UserId="32580" --> Word Count (7)
 UserId="32580" --> Word Count (1)
 UserId="32584" --> Word Count (112)
 UserId="30212" --> Word Count (28)
 <DELETE> --> Word Count (454)
 UserId="32343" --> Word Count (480)
 UserId="32343" Text="Why word2vec performs much worst than both CountVectorizer
 and TfidfVectorizer? [--> Word Count (2)
 UserId="32343" --> Word Count (1)
 UserId="32586" --> Word Count (197)
 UserId="32586" --> Word Count (16)
 UserId="32586" --> Word Count (1)
 UserId="32587" --> Word Count (72)
 UserId="32587" --> Word Count (4)
 UserId="32587" --> Word Count (1)
 UserId="32588" --> Word Count (538)

UserId="32588" --> Word Count (15)
 UserId="32588" --> Word Count (1)
 UserId="32587" --> Word Count (25)
 UserId="17696" --> Word Count (312)
 UserId="15624" Comment="added 342 characters in body" --> Word Count (146)
 UserId="20618" --> Word Count (69)
 UserId="20618" --> Word Count (3)
 UserId="20618" --> Word Count (1)
 UserId="17696" Comment="added 21 characters in body" --> Word Count (313)
 UserId="27976" --> Word Count (32)
 UserId="27976" --> Word Count (8)
 UserId="27976" --> Word Count (1)
 UserId="32554" --> Word Count (38)
 UserId="8432" --> Word Count (125)
 UserId="8432" --> Word Count (13)
 UserId="8432" --> Word Count (1)
 UserId="381" Comment="deleted 160 characters in body" --> Word Count (517)
 UserId="14675" --> Word Count (183)
 UserId="32595" --> Word Count (80)
 UserId="32595" --> Word Count (10)
 UserId="32595" --> Word Count (1)
 UserId="14675" Comment="typos" --> Word Count (183)
 UserId="31513" Comment="better tags" --> Word Count (1)
 UserId="8878" Comment="kept the tag "Jupyter" as it's still relevant" --> Word Count (1)
 UserId="8878" Comment="Grammatical errors, Conceptual misunderstanding of the problem, SI system unit of Power" --> Word Count (184)
 UserId="8878" Comment="Grammatical errors, Conceptual misunderstanding of the problem, SI system unit of Power" --> Word Count (1)
 UserId="8878" --> Word Count (543)
 UserId="32602" --> Word Count (79)
 UserId="32602" --> Word Count (2)
 UserId="32602" --> Word Count (1)
 UserId="8878" Comment="Some grammar and typos, adding refs" --> Word Count (547)
 UserId="31513" Comment="better tags" --> Word Count (1)
 UserId="31513" Comment="tags, style" --> Word Count (30)
 UserId="31513" Comment="tags, style" --> Word Count (1)
 UserId="32580" Comment="added 270 characters in body" --> Word Count (252)
 UserId="14675" --> Word Count (43)
 UserId="32580" Comment="added 17 characters in body" --> Word Count (256)
 UserId="14675" Comment="punctuation" --> Word Count (183)
 UserId="31513" Comment="tag, title, format" --> Word Count (104)
 UserId="31513" Comment="tag, title, format" --> Word Count (11)
 UserId="31513" Comment="tag, title, format" --> Word Count (1)
 UserId="8878" Comment="tag, title, format, structuring title" --> Word Count (11)
 UserId="21608" --> Word Count (119)

UserId="31513" Comment="tag, format, title" --> Word Count (240)
 UserId="31513" Comment="tag, format, title" --> Word Count (11)
 UserId="31513" Comment="tag, format, title" --> Word Count (1)
 UserId="8878" Comment="tag, format, title, removing algorithm from the tags as it was irrelevant" --> Word Count (1)
 UserId="31513" Comment="tags, style" --> Word Count (155)
 UserId="31513" Comment="tags, style" --> Word Count (1)
 UserId="32177" --> Word Count (168)
 UserId="21608" --> Word Count (104)
 UserId="32169" Comment="Unindented the part that was not a part of the excerpt" --> Word Count (452)
 UserId="32619" --> Word Count (152)
 UserId="32619" --> Word Count (7)
 UserId="32619" --> Word Count (1)
 UserId="17208" --> Word Count (300)
 UserId="32622" --> Word Count (215)
 UserId="32622" --> Word Count (10)
 UserId="32622" --> Word Count (1)
 UserId="32623" --> Word Count (81)
 UserId="32623" --> Word Count (7)
 UserId="32623" --> Word Count (1)
 UserId="32622" Comment="deleted 6 characters in body" --> Word Count (211)
 UserId="381" --> Word Count (49)
 UserId="32622" Comment="edited tags" --> Word Count (1)
 UserId="32627" --> Word Count (243)
 UserId="32627" Comment="added 200 characters in body" --> Word Count (280)
 UserId="23305" --> Word Count (195)
 UserId="23305" --> Word Count (7)
 UserId="23305" --> Word Count (1)
 UserId="31676" Comment="added 1405 characters in body" --> Word Count (646)
 UserId="-1" Comment="Added more information" --> Word Count (247)
 UserId="-1" Comment="Added more information" --> Word Count (9)
 UserId="20945" --> Word Count (61)
 UserId="24119" --> Word Count (425)
 UserId="24119" --> Word Count (7)
 UserId="24119" --> Word Count (1)
 UserId="27966" --> Word Count (1178)
 UserId="27966" --> Word Count (4)
 UserId="27966" --> Word Count (1)
 UserId="31513" Comment="link added" --> Word Count (76)
 UserId="8878" Comment="link added, tag added, title modified" --> Word Count (13)
 UserId="8878" Comment="link added, tag added, title modified" --> Word Count (1)
 UserId="31513" Comment="tag, picture, link" --> Word Count (52)
 UserId="31513" Comment="tag, picture, link" --> Word Count (1)
 UserId="31513" Comment="link, title" --> Word Count (107)
 UserId="31513" Comment="link, title" --> Word Count (11)

UserId="31513" Comment="link, tag." --> Word Count (44)
 UserId="31513" Comment="link, tag." --> Word Count (1)
 UserId="31513" Comment="full name of the tool" --> Word Count (69)
 UserId="31513" Comment="added a tag" --> Word Count (1)
 UserId="31513" Comment="added a tag" --> Word Count (1)
 UserId="31513" Comment="format, style" --> Word Count (126)
 UserId="31513" Comment="format, style" --> Word Count (10)
 UserId="31513" Comment="better format" --> Word Count (109)
 UserId="31513" Comment="better format" --> Word Count (9)
 UserId="20374" --> Word Count (98)
 UserId="32314" --> Word Count (178)
 UserId="32314" --> Word Count (8)
 UserId="32314" --> Word Count (1)
 UserId="31513" Comment="format, style" --> Word Count (461)
 UserId="31513" Comment="format, style" --> Word Count (9)
 UserId="30212" --> Word Count (93)
 UserId="25429" Comment="Added tag library used is keras" --> Word Count (1)
 UserId="30212" --> Word Count (118)
 UserId="32655" --> Word Count (26)
 UserId="32655" --> Word Count (6)
 UserId="32655" --> Word Count (1)
 UserId="31216" --> Word Count (37)
 UserId="32660" --> Word Count (41)
 UserId="32661" --> Word Count (198)
 UserId="32661" --> Word Count (9)
 UserId="32661" --> Word Count (1)
 UserId="32655" Comment="make problem more clear " --> Word Count (50)
 UserId="32664" --> Word Count (19)
 UserId="32650" --> Word Count (202)
 UserId="16872" --> Word Count (39)
 UserId="16872" --> Word Count (5)
 UserId="16872" --> Word Count (1)
 UserId="14372" Comment="Corrected spelling" --> Word Count (105)
 UserId="14372" Comment="Improved readability" --> Word Count (77)
 UserId="29587" --> Word Count (74)
 UserId="8560" --> Word Count (545)
 UserId="23305" Comment="added note about hierarchical linear models" --> Word Count (218)
 UserId="23305" Comment="added note about hierarchical linear models" --> Word Count (1)
 UserId="26163" --> Word Count (249)
 UserId="26163" --> Word Count (12)
 UserId="26163" --> Word Count (1)
 UserId="31434" --> Word Count (74)
 UserId="31434" --> Word Count (10)
 UserId="31434" --> Word Count (1)
 UserId="26163" Comment="added 86 characters in body" --> Word Count (265)
 UserId="31434" --> Word Count (85)

UserId="31696" --> Word Count (66)
 UserId="31696" --> Word Count (8)
 UserId="31696" --> Word Count (1)
 UserId="381" --> Word Count (107)
 UserId="30435" Text="I am trying to develop a Speech to --> Word Count (3466)
 UserId="30435" --> Word Count (9)
 UserId="30435" --> Word Count (1)
 UserId="31822" --> Word Count (40)
 UserId="32314" Comment="Added missing mathematical details" --> Word Count (441)
 UserId="32690" --> Word Count (100)
 UserId="32690" --> Word Count (12)
 UserId="32690" --> Word Count (1)
 UserId="32164" --> Word Count (63)
 UserId="30212" --> Word Count (155)
 UserId="32314" Comment="added 6 characters in body" --> Word Count (441)
 UserId="8370" --> Word Count (142)
 UserId="10169" --> Word Count (180)
 UserId="30928" --> Word Count (148)
 UserId="29587" --> Word Count (126)
 UserId="32177" --> Word Count (139)
 UserId="29587" --> Word Count (316)
 UserId="32697" --> Word Count (23)
 UserId="32701" --> Word Count (63)
 UserId="32701" --> Word Count (6)
 UserId="32701" --> Word Count (1)
 UserId="31676" --> Word Count (670)
 UserId="31676" --> Word Count (9)
 UserId="31676" --> Word Count (1)
 UserId="31513" Comment="link, two typos" --> Word Count (33)
 UserId="31434" --> Word Count (308)
 UserId="31434" Comment="misread website" --> Word Count (364)
 UserId="31180" --> Word Count (75)
 UserId="31180" --> Word Count (11)
 UserId="31180" --> Word Count (1)
 UserId="31434" --> Word Count (136)
 UserId="31180" Comment="added 115 characters in body" --> Word Count (81)
 UserId="31676" Comment="added 892 characters in body" --> Word Count (828)
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 UserId="381" Comment="deleted 6 characters in body" --> Word Count (159)
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 UserId="14904" --> Word Count (72)
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 UserId="30363" Text="Improving accuracy of" --> Word Count (2)
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 UserId="32749" --> Word Count (83)
 UserId="31513" Comment="style, tag" --> Word Count (1490)
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 Word Count (138)
 UserId="32754" --> Word Count (172)
 UserId="32754" --> Word Count (10)
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 UserId="32764" --> Word Count (1)
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UserId="31513" Comment="better tags" --> Word Count (1)
 UserId="8432" Comment="remove thanks, fix typos and grammars" --> Word Count (82)
 UserId="31513" Comment="tag, format" --> Word Count (92)
 UserId="31513" Comment="tag, format" --> Word Count (14)
 UserId="31513" Comment="tag, format" --> Word Count (1)
 UserId="31513" Comment="added a tag" --> Word Count (1)
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 UserId="31513" Comment="removed "thank you" note, slightly better title" --> Word Count (6)
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 UserId="31513" Comment="tag, format" --> Word Count (34)
 UserId="31513" Comment="tag, format" --> Word Count (4)
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 UserId="31513" Comment="formatting" --> Word Count (205)
 UserId="695" Comment="improve formatting to show code as code" --> Word Count (173)
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 UserId="31513" Comment="tag, format, link" --> Word Count (8)
 UserId="31513" Comment="tag, format, link" --> Word Count (1)
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 UserId="17290" --> Word Count (171)
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 UserId="25180" Comment="grammar corrections" --> Word Count (152)
 UserId="32805" --> Word Count (62)
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 UserId="32172" --> Word Count (1)
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 UserId="5091" --> Word Count (1)
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<DELETE> --> Word Count (153)
 UserId="14372" Comment="Corrected spelling, improved readability" --> Word Count (29)
 <DELETE> --> Word Count (38)
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 UserId="13235" --> Word Count (54)
 UserId="13235" --> Word Count (10)
 UserId="13235" --> Word Count (1)
 UserId="14675" --> Word Count (55)
 UserId="30212" --> Word Count (123)
 UserId="836" --> Word Count (477)
 UserId="836" Comment="added 656 characters in body" --> Word Count (564)
 UserId="31434" Comment="added blog quote" --> Word Count (236)
 UserId="836" Comment="added 656 characters in body" --> Word Count (739)
 UserId="836" Comment="added 656 characters in body" --> Word Count (929)
 UserId="836" Comment="added 50 characters in body" --> Word Count (938)
 UserId="836" Comment="deleted 256 characters in body" --> Word Count (888)
 UserId="32280" --> Word Count (81)
 UserId="32280" --> Word Count (4)
 UserId="32280" --> Word Count (1)
 UserId="20517" --> Word Count (138)
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 UserId="13235" Comment="added 56 characters in body; edited title" --> Word Count (10)
 UserId="32429" --> Word Count (18)
 UserId="17370" --> Word Count (574)
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 UserId="32835" --> Word Count (167)
 UserId="32835" --> Word Count (4)
 UserId="32835" --> Word Count (1)
 UserId="17370" Comment="added 30 characters in body" --> Word Count (580)
 UserId="30212" --> Word Count (26)
 UserId="13021" --> Word Count (248)
 UserId="13021" --> Word Count (7)
 UserId="13021" --> Word Count (1)
 UserId="32169" --> Word Count (548)
 UserId="32169" --> Word Count (6)
 UserId="32169" --> Word Count (1)
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 UserId="20517" --> Word Count (103)
 UserId="29428" Comment="added 552 characters in body" --> Word Count (862)
 UserId="32850" --> Word Count (165)
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 UserId="32856" --> Word Count (1)
 UserId="32805" Comment="edited body" --> Word Count (158)
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 UserId="836" Comment="added 78 characters in body" --> Word Count (932)
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 UserId="14675" --> Word Count (230)
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 UserId="27916" --> Word Count (1)
 UserId="14904" --> Word Count (53)
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 UserId="32850" --> Word Count (1)
 UserId="32850" --> Word Count (102)
 UserId="32850" --> Word Count (9)
 UserId="32850" --> Word Count (1)
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 UserId="30928" Comment="Small typos fixed" --> Word Count (10)
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 UserId="32850" Comment="added 91 characters in body" --> Word Count (54)
 UserId="32850" Comment="added 299 characters in body" --> Word Count (133)
 UserId="8517" --> Word Count (44)
 UserId="27916" Comment="Some more details" --> Word Count (94)
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 UserId="32860" --> Word Count (1)
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UserId="31434" Comment="added another source" --> Word Count (300)
UserId="32881" --> Word Count (325)
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UserId="32711" Comment="added 1 character in body" --> Word Count (334)
UserId="32875" Comment="deleted 1 character in body" --> Word Count (64)
UserId="20517" Comment="added 61 characters in body" --> Word Count (104)
UserId="32901" --> Word Count (34)
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UserId="32901" --> Word Count (1)
UserId="30006" --> Word Count (86)
UserId="30006" --> Word Count (10)
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UserId="30006" Comment="edited body" --> Word Count (88)
UserId="836" --> Word Count (237)
UserId="836" Comment="deleted 6 characters in body" --> Word Count (236)
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UserId="32905" --> Word Count (1)
UserId="32904" --> Word Count (344)
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"Plots/Visualization"" --> Word Count (1)
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UserId="836" Comment="deleted 328 characters in body" --> Word Count (37)
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 UserId="33005" Comment="deleted 157 characters in body" --> Word Count (151)
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 index.
 --> Word Count (28)
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 metrics, such as the fogg index.
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 Count (1)
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 cases where it applies" --> Word Count (198)
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UserId="31513" Comment="tag, format" --> Word Count (1)
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UserId="8432" Comment="remove thanks " Text="How Can I save a DataFrame as a CSV
in HDFS?&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;I'm trying with this:&#xD;&#xA;&#xD;&#xA;
df.groupby(&quot;Product_ID&quot;).agg(collect_list(&quot;Stock&quot;)).saveAs
--> Word Count (1)
UserId="29575" Comment="Format data / add tag" --> Word Count (148)
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UserId="33091" --> Word Count (124)
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UserId="33095" --> Word Count (15)
UserId="14675" --> Word Count (82)
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UserId="2932" --> Word Count (327)
UserId="2932" Comment="via Vote" --> Word Count (2)
UserId="2932" Comment="deleted 1801 characters in body" --> Word Count (65)
UserId="2932" --> Word Count (2)
UserId="2932" Comment="added 9 characters in body" --> Word Count (67)
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UserId="33128" --> Word Count (7)
UserId="33128" --> Word Count (1)
UserId="29575" --> Word Count (411)
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UserId="33130" --> Word Count (22)
UserId="33130" --> Word Count (1)
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UserId="17177" --> Word Count (141)
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 UserId="14675" --> Word Count (204)
 UserId="33199" --> Word Count (136)
 UserId="33199" --> Word Count (4)
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 UserId="33047" --> Word Count (5)
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 UserId="381" Comment="edited title" --> Word Count (4)
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 UserId="32230" Comment="Formula edit" --> Word Count (51)
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 UserId="33188" --> Word Count (22)
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 UserId="23305" Comment="I'd add more tags; and put 'gini coefficient' in the headline so people don't think of Gini impurity" --> Word Count (15)
 UserId="23305" Comment="I'd add more tags; and put 'gini coefficient' in the headline so people don't think of Gini impurity" --> Word Count (1)
 UserId="33160" --> Word Count (128)
 UserId="33160" --> Word Count (5)
 UserId="33160" --> Word Count (1)
 UserId="33020" Comment="added 15 characters in body" --> Word Count (78)
 UserId="32805" Comment="deleted 1 character in body" --> Word Count (91)
 UserId="28600" --> Word Count (17)
 UserId="28600" --> Word Count (6)
 UserId="28600" --> Word Count (1)
 UserId="33440" --> Word Count (352)
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 UserId="33440" --> Word Count (1)
 UserId="33476" --> Word Count (138)
 UserId="33476" --> Word Count (7)

UserId="33476" --> Word Count (1)
 UserId="21319" --> Word Count (68)
 UserId="21319" --> Word Count (16)
 UserId="21319" --> Word Count (1)
 UserId="26105" Comment="added 59 characters in body; edited title" --> Word Count (47)
 UserId="26105" Comment="added 59 characters in body; edited title" --> Word Count (10)
 UserId="23305" --> Word Count (62)
 UserId="33453" --> Word Count (23)
 UserId="33478" Comment="fixed grammar" --> Word Count (139)
 UserId="33199" --> Word Count (141)
 UserId="33199" --> Word Count (6)
 UserId="33199" --> Word Count (1)
 UserId="23305" Comment="question has been updated, no ambiguity anymore" --> Word Count (74)
 UserId="836" --> Word Count (267)
 UserId="836" Comment="added 346 characters in body" --> Word Count (327)
 UserId="836" Comment="added 5 characters in body" --> Word Count (327)
 UserId="31822" --> Word Count (78)
 UserId="31822" --> Word Count (59)
 UserId="33495" --> Word Count (43)
 UserId="33495" --> Word Count (15)
 UserId="33495" --> Word Count (1)
 UserId="27958" --> Word Count (493)
 UserId="27958" --> Word Count (4)
 UserId="27958" --> Word Count (1)
 UserId="25935" --> Word Count (157)
 UserId="25935" --> Word Count (5)
 UserId="25935" --> Word Count (1)
 UserId="33447" --> Word Count (180)
 UserId="32230" --> Word Count (282)
 UserId="25429" --> Word Count (171)
 UserId="25429" --> Word Count (6)
 UserId="25429" --> Word Count (1)
 UserId="31736" --> Word Count (133)
 UserId="31736" --> Word Count (20)
 UserId="31736" --> Word Count (1)
 UserId="358" --> Word Count (99)
 UserId="32686" --> Word Count (169)
 UserId="33509" --> Word Count (72)
 UserId="33509" --> Word Count (18)
 UserId="33509" --> Word Count (1)
 UserId="33515" --> Word Count (120)
 UserId="33515" --> Word Count (5)
 UserId="33515" --> Word Count (1)
 UserId="33011" --> Word Count (34)
 UserId="33011" --> Word Count (3)

UserId="33011" --> Word Count (1)
 UserId="13727" --> Word Count (285)
 UserId="13526" Comment="Statistics has two main uses: inference and prediction (besides description and other). One was omitted - now added." --> Word Count (33)
 UserId="13526" Comment="Forecasting is only a subset of prediction (based on discussion at Cross Validated), thus the edit." --> Word Count (6)
 UserId="13526" Comment="Forecasting is only a subset of prediction (based on discussion at Cross Validated), thus the edit." --> Word Count (34)
 UserId="33018" --> Word Count (87)
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 UserId="33519" --> Word Count (150)
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 UserId="27616" --> Word Count (8)
 UserId="27616" --> Word Count (1)
 UserId="27114" --> Word Count (265)
 UserId="28175" --> Word Count (51)
 UserId="28175" --> Word Count (10)
 UserId="28175" --> Word Count (1)
 UserId="28175" Comment="some changes" --> Word Count (1)
 UserId="33202" --> Word Count (39)
 UserId="31072" --> Word Count (27)
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 UserId="31072" --> Word Count (1)
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 UserId="33531" --> Word Count (724)
 UserId="33531" --> Word Count (14)
 UserId="33531" --> Word Count (1)
 UserId="33531" Comment="added 15 characters in body" --> Word Count (727)
 UserId="33531" Comment="added 15 characters in body" --> Word Count (12)
 UserId="33532" --> Word Count (82)
 UserId="33532" --> Word Count (4)
 UserId="33532" --> Word Count (1)
 UserId="28175" Comment="some changes" --> Word Count (52)
 UserId="28175" Comment="some changes" --> Word Count (10)
 UserId="28175" Comment="edited title" --> Word Count (10)
 UserId="358" --> Word Count (118)
 UserId="26444" --> Word Count (58)
 UserId="33538" --> Word Count (73)
 UserId="33011" --> Word Count (116)

UserId="33011" --> Word Count (2)
 UserId="33011" --> Word Count (1)
 UserId="33540" --> Word Count (54)
 UserId="27114" Comment="edited body" --> Word Count (265)
 UserId="16212" --> Word Count (103)
 UserId="33551" --> Word Count (65)
 UserId="33547" --> Word Count (70)
 UserId="33547" --> Word Count (6)
 UserId="33547" --> Word Count (1)
 UserId="13727" Comment="Added feature-engineering tag" --> Word Count (1)
 UserId="836" --> Word Count (252)
 UserId="8878" --> Word Count (132)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="836" Comment="added 135 characters in body" --> Word Count (275)
 UserId="1257" --> Word Count (232)
 UserId="33567" --> Word Count (74)
 UserId="8370" --> Word Count (123)
 UserId="33478" --> Word Count (56)
 UserId="5233" --> Word Count (60)
 <DELETE> --> Word Count (56)
 <DELETE> --> Word Count (50)
 <DELETE> --> Word Count (16)
 <DELETE> --> Word Count (1)
 UserId="33584" --> Word Count (77)
 UserId="25935" --> Word Count (28)
 UserId="25935" --> Word Count (6)
 UserId="25935" --> Word Count (1)
 UserId="33587" --> Word Count (218)
 UserId="33587" --> Word Count (12)
 UserId="33587" --> Word Count (1)
 UserId="33547" Comment="added 15 characters in body" --> Word Count (72)
 UserId="33386" --> Word Count (55)
 UserId="33386" --> Word Count (14)
 UserId="33386" --> Word Count (1)
 UserId="8370" --> Word Count (135)
 UserId="33598" --> Word Count (145)
 UserId="33604" --> Word Count (105)
 UserId="33604" --> Word Count (23)
 UserId="33604" --> Word Count (1)
 UserId="8370" Comment="added 39 characters in body" --> Word Count (137)
 UserId="27237" --> Word Count (76)
 UserId="27237" --> Word Count (10)
 UserId="27237" --> Word Count (1)
 UserId="33386" --> Word Count (103)
 UserId="33386" --> Word Count (9)
 UserId="33386" --> Word Count (1)
 UserId="28685" --> Word Count (167)
 UserId="28685" --> Word Count (6)

UserId="28685" --> Word Count (1)
 UserId="28685" --> Word Count (138)
 UserId="28685" Comment="deleted 4 characters in body" --> Word Count (137)
 UserId="33609" --> Word Count (103)
 UserId="33609" --> Word Count (12)
 UserId="33609" --> Word Count (1)
 UserId="33610" Text="I have a list of survey responses and want to analyze the frequency of words used.

Using Orange, I've loaded the file into a Corpus, then Preprocess --> Word Count (86)
 UserId="33610" --> Word Count (13)
 UserId="33610" --> Word Count (1)
 UserId="32440" --> Word Count (244)
 UserId="32440" --> Word Count (4)
 UserId="32440" --> Word Count (1)
 UserId="19046" --> Word Count (21)
 UserId="33612" --> Word Count (58)
 UserId="33613" --> Word Count (125)
 UserId="33613" --> Word Count (12)
 UserId="33613" --> Word Count (1)
 UserId="33614" --> Word Count (137)
 UserId="33614" --> Word Count (4)
 UserId="33614" --> Word Count (1)
 UserId="32440" --> Word Count (59)
 UserId="33011" --> Word Count (164)
 UserId="33011" --> Word Count (3)
 UserId="33011" --> Word Count (1)
 UserId="7939" --> Word Count (53)
 UserId="836" Comment="LaTeX math formatting, attempt to make tags fit" --> Word Count (162)
 UserId="836" Comment="LaTeX math formatting, attempt to make tags fit" --> Word Count (1)
 UserId="836" --> Word Count (156)
 UserId="836" Comment="added 421 characters in body" --> Word Count (224)
 UserId="836" Comment="added 421 characters in body" --> Word Count (255)
 UserId="33603" --> Word Count (123)
 UserId="33603" --> Word Count (210)
 UserId="33603" --> Word Count (6)
 UserId="33603" --> Word Count (1)
 UserId="23708" --> Word Count (57)
 UserId="33637" --> Word Count (70)
 UserId="33637" --> Word Count (7)
 UserId="33637" --> Word Count (1)
 UserId="31822" --> Word Count (116)
 UserId="31822" --> Word Count (5)
 UserId="31822" --> Word Count (1)
 UserId="19046" Comment="edited body" --> Word Count (91)
 UserId="-1" Comment="There is something wrong with the answer" --> Word Count (104)

UserId="33643" --> Word Count (336)
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 UserId="33643" --> Word Count (1)
 UserId="33642" --> Word Count (171)
 UserId="33642" --> Word Count (17)
 UserId="33642" --> Word Count (1)
 UserId="33643" Comment="added 263 characters in body" --> Word Count (382)
 UserId="33598" --> Word Count (174)
 UserId="33377" --> Word Count (282)
 UserId="33377" --> Word Count (9)
 UserId="33377" --> Word Count (1)
 UserId="30928" --> Word Count (129)
 UserId="33646" --> Word Count (25)
 UserId="17564" Comment="post readability" --> Word Count (146)
 UserId="30212" --> Word Count (42)
 UserId="33658" --> Word Count (21)
 UserId="33663" --> Word Count (33)
 UserId="17696" --> Word Count (145)
 UserId="32429" --> Word Count (17)
 UserId="32429" --> Word Count (8)
 UserId="32429" --> Word Count (1)
 UserId="836" --> Word Count (149)
 UserId="33668" --> Word Count (148)
 UserId="33668" --> Word Count (9)
 UserId="33668" --> Word Count (1)
 UserId="33668" Comment="added note about raw data" --> Word Count (153)
 UserId="33668" Comment="added example of transformed data" --> Word Count (216)
 UserId="33672" --> Word Count (93)
 UserId="33672" --> Word Count (5)
 UserId="33672" --> Word Count (1)
 UserId="836" Comment="added 94 characters in body" --> Word Count (164)
 UserId="29575" --> Word Count (306)
 UserId="31457" --> Word Count (54)
 UserId="31457" --> Word Count (12)
 UserId="31457" --> Word Count (1)
 UserId="33677" --> Word Count (340)
 UserId="33677" --> Word Count (19)
 UserId="33677" --> Word Count (1)
 UserId="32667" --> Word Count (127)
 UserId="32667" --> Word Count (3)
 UserId="32667" --> Word Count (1)
 UserId="33680" --> Word Count (45)
 UserId="33680" --> Word Count (5)
 UserId="33680" --> Word Count (1)
 UserId="381" Comment="added 80 characters in body" --> Word Count (412)
 UserId="33685" --> Word Count (1004)
 UserId="33685" --> Word Count (5)
 UserId="33685" --> Word Count (1)

UserId="33686" --> Word Count (51)
 UserId="33686" --> Word Count (6)
 UserId="33686" --> Word Count (1)
 UserId="33689" --> Word Count (69)
 UserId="33603" --> Word Count (261)
 UserId="33603" Comment="added 107 characters in body" --> Word Count (263)
 UserId="30381" --> Word Count (75)
 UserId="30381" Comment="added 112 characters in body" --> Word Count (84)
 UserId="33386" --> Word Count (72)
 UserId="33386" --> Word Count (11)
 UserId="33386" --> Word Count (1)
 UserId="33693" --> Word Count (78)
 UserId="30519" --> Word Count (150)
 UserId="29575" Comment="Clarify needed results" --> Word Count (220)
 UserId="33386" Comment="precisions" --> Word Count (94)
 UserId="21560" --> Word Count (136)
 UserId="21560" --> Word Count (9)
 UserId="21560" --> Word Count (1)
 UserId="33701" --> Word Count (152)
 UserId="33701" --> Word Count (182)
 UserId="33183" --> Word Count (49)
 UserId="33183" --> Word Count (15)
 UserId="33183" --> Word Count (1)
 UserId="33603" --> Word Count (250)
 UserId="33708" --> Word Count (95)
 UserId="33708" --> Word Count (15)
 UserId="33708" --> Word Count (1)
 UserId="33713" --> Word Count (66)
 UserId="25454" --> Word Count (67)
 UserId="33646" --> Word Count (195)
 UserId="32440" --> Word Count (116)
 UserId="32440" Comment="Spelling, grammar." --> Word Count (118)
 UserId="23305" --> Word Count (128)
 UserId="33646" Comment="added the third point" --> Word Count (285)
 UserId="33646" Comment="added 14 characters in body" --> Word Count (28)
 UserId="33646" Comment="a little typo" --> Word Count (286)
 UserId="33685" Comment="Added the debugging portion explaining the time improvement" --> Word Count (1984)
 UserId="33728" --> Word Count (83)
 UserId="33728" --> Word Count (5)
 UserId="33728" --> Word Count (1)
 UserId="33685" Comment="Updated the camera feed lagginess issue" --> Word Count (1980)
 UserId="12515" --> Word Count (89)
 UserId="33728" Comment="added 1322 characters in body" --> Word Count (362)
 UserId="8904" --> Word Count (53)
 UserId="33272" --> Word Count (88)
 UserId="33272" --> Word Count (13)

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 UserId="33701" --> Word Count (584)
 UserId="33386" Comment="precisions" --> Word Count (156)
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 UserId="33272" --> Word Count (24)
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 UserId="33763" --> Word Count (45)
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 UserId="33763" --> Word Count (1)
 UserId="23305" --> Word Count (98)
 UserId="23305" Comment="changed header to be more verbose" --> Word Count (54)
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 UserId="-1" Comment="104" --> Word Count (2)
 UserId="33272" Comment="improved according to a sugession in the comment" -->
 Word Count (104)
 UserId="26562" Comment="fixed grammar and formatting" --> Word Count (26)
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 UserId="21" Comment="105" --> Word Count (2)
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 UserId="21" Comment="101" --> Word Count (2)
 UserId="8650" Comment="added 1705 characters in body" --> Word Count (484)
 UserId="32763" --> Word Count (25)
 UserId="32763" --> Word Count (7)
 UserId="32763" --> Word Count (1)
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 UserId="33781" Comment="added 2 characters in body" --> Word Count (389)
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 UserId="33781" --> Word Count (105)
 UserId="14070" Comment="added 2 characters in body" --> Word Count (104)
 UserId="17696" --> Word Count (94)
 UserId="33807" --> Word Count (176)
 UserId="33807" --> Word Count (6)
 UserId="33807" --> Word Count (1)
 UserId="33811" --> Word Count (42)
 UserId="33812" --> Word Count (132)

UserId="33812" --> Word Count (60)
 UserId="25454" Comment="added 843 characters in body" --> Word Count (196)
 UserId="413" --> Word Count (235)
 UserId="413" --> Word Count (12)
 UserId="413" --> Word Count (1)
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 UserId="33806" --> Word Count (12)
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 UserId="31188" --> Word Count (125)
 UserId="33831" --> Word Count (126)
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 UserId="33831" --> Word Count (1)
 UserId="33386" --> Word Count (56)
 UserId="33386" --> Word Count (13)
 UserId="33386" --> Word Count (1)
 UserId="29277" --> Word Count (161)
 UserId="29277" --> Word Count (7)
 UserId="29277" --> Word Count (1)
 UserId="15412" --> Word Count (135)
 UserId="27983" --> Word Count (92)
 UserId="33841" --> Word Count (147)
 UserId="33844" --> Word Count (198)
 UserId="33844" --> Word Count (5)
 UserId="33844" --> Word Count (1)
 UserId="836" Comment="Prettier math notation using LaTeX - applied semi-consistent notation for x and y" --> Word Count (189)
 UserId="33838" --> Word Count (41)
 UserId="33838" --> Word Count (4)
 UserId="33838" --> Word Count (1)
 UserId="836" --> Word Count (458)
 UserId="33854" --> Word Count (74)
 UserId="26687" --> Word Count (235)
 UserId="26687" --> Word Count (3)
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 UserId="836" Comment="added 271 characters in body" --> Word Count (498)
 UserId="836" Comment="added 25 characters in body" --> Word Count (191)
 UserId="33868" --> Word Count (65)
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 UserId="6391" --> Word Count (475)
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 UserId="17305" --> Word Count (1)

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 UserId="21" Comment="105" --> Word Count (2)
 UserId="33838" Comment="added 294 characters in body" --> Word Count (86)
 UserId="24593" --> Word Count (100)
 UserId="33838" Comment="edited tags" --> Word Count (1)
 UserId="33838" --> Word Count (23)
 UserId="33838" --> Word Count (8)
 UserId="33838" --> Word Count (1)
 UserId="33838" --> Word Count (18)
 UserId="33838" --> Word Count (3)
 UserId="33838" --> Word Count (1)
 UserId="16117" Comment="corrected spelling and structure" --> Word Count (137)
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 UserId="13413" Comment="corrected spelling and structure" --> Word Count (138)
 UserId="33781" --> Word Count (25)
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 UserId="33881" --> Word Count (209)
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 UserId="33881" --> Word Count (1)
 UserId="836" --> Word Count (504)
 UserId="836" Comment="added 11 characters in body" --> Word Count (545)
 UserId="33884" --> Word Count (81)
 UserId="33884" --> Word Count (15)
 UserId="33884" --> Word Count (1)
 UserId="33838" --> Word Count (54)
 UserId="33838" --> Word Count (6)
 UserId="33838" --> Word Count (1)
 UserId="33838" Comment="deleted 6 characters in body" --> Word Count (57)
 UserId="33868" Comment="added 365 characters in body" --> Word Count (135)
 UserId="33838" Comment="added 171 characters in body" --> Word Count (73)
 UserId="14904" --> Word Count (65)
 UserId="836" Comment="added 273 characters in body" --> Word Count (593)
 UserId="33386" --> Word Count (56)
 UserId="33386" --> Word Count (8)
 UserId="33386" --> Word Count (1)
 UserId="32989" --> Word Count (37)
 UserId="32989" --> Word Count (7)
 UserId="32989" --> Word Count (1)
 UserId="33198" --> Word Count (126)
 UserId="33198" --> Word Count (8)
 UserId="33198" --> Word Count (1)
 UserId="33198" Comment="added 159 characters in body; edited title" --> Word Count (131)
 UserId="33198" Comment="added 159 characters in body; edited title" --> Word Count (16)

UserId="8370" --> Word Count (321)
 UserId="30212" --> Word Count (64)
 UserId="33685" Comment="Added the attempted graph optimization methods" -->
 Word Count (2022)
 UserId="33905" --> Word Count (131)
 UserId="33905" --> Word Count (10)
 UserId="33905" --> Word Count (1)
 UserId="33738" --> Word Count (263)
 UserId="924" --> Word Count (86)
 UserId="33852" --> Word Count (143)
 UserId="33701" --> Word Count (117)
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 UserId="33701" --> Word Count (1)
 UserId="31822" --> Word Count (40)
 UserId="33921" --> Word Count (186)
 UserId="33921" --> Word Count (5)
 UserId="33921" --> Word Count (1)
 UserId="33922" --> Word Count (137)
 UserId="33922" --> Word Count (10)
 UserId="33922" --> Word Count (1)
 UserId="33838" --> Word Count (32)
 UserId="33838" --> Word Count (5)
 UserId="33838" --> Word Count (1)
 UserId="33460" Comment="edited tags" --> Word Count (1)
 UserId="32686" --> Word Count (48)
 UserId="32686" --> Word Count (7)
 UserId="32686" --> Word Count (1)
 UserId="33941" --> Word Count (233)
 UserId="33941" --> Word Count (10)
 UserId="33941" --> Word Count (1)
 UserId="33877" --> Word Count (83)
 UserId="33877" Comment="via Vote" --> Word Count (3)
 UserId="33877" --> Word Count (3)
 UserId="33877" Comment="deleted 176 characters in body" --> Word Count (58)
 UserId="32906" --> Word Count (29)
 UserId="15496" --> Word Count (86)
 UserId="33948" --> Word Count (192)
 UserId="33948" --> Word Count (6)
 UserId="33948" --> Word Count (1)
 UserId="32906" --> Word Count (131)
 UserId="32906" --> Word Count (8)
 UserId="32906" --> Word Count (1)
 UserId="33947" --> Word Count (108)
 UserId="33947" --> Word Count (7)
 UserId="33947" --> Word Count (1)
 UserId="33198" Comment="added 156 characters in body" --> Word Count (158)
 UserId="33955" --> Word Count (38)
 UserId="33955" Comment="added 98 characters in body" --> Word Count (54)

UserId="33954" --> Word Count (54)
 UserId="33954" --> Word Count (8)
 UserId="33954" --> Word Count (1)
 UserId="33926" --> Word Count (101)
 UserId="33926" --> Word Count (5)
 UserId="33926" --> Word Count (1)
 UserId="33963" --> Word Count (419)
 UserId="33963" --> Word Count (6)
 UserId="33963" --> Word Count (1)
 UserId="33966" --> Word Count (118)
 UserId="33966" --> Word Count (4)
 UserId="33966" --> Word Count (1)
 UserId="33966" Comment="added an example code" --> Word Count (275)
 UserId="33967" --> Word Count (62)
 UserId="33934" --> Word Count (219)
 UserId="33963" Comment="added classification tag" --> Word Count (1)
 UserId="33689" Comment="spelling concolution/convolution
 tradictional/traditional" --> Word Count (159)
 UserId="33970" --> Word Count (98)
 UserId="33970" --> Word Count (13)
 UserId="33970" --> Word Count (1)
 UserId="33970" Comment="edit title, example added" --> Word Count (105)
 UserId="33970" Comment="edit title, example added" --> Word Count (13)
 UserId="8041" --> Word Count (35)
 UserId="33970" Comment="edited title" --> Word Count (12)
 UserId="33287" --> Word Count (119)
 UserId="33603" --> Word Count (158)
 UserId="12206" --> Word Count (215)
 UserId="12206" --> Word Count (7)
 UserId="12206" --> Word Count (1)
 UserId="836" --> Word Count (569)
 UserId="24593" --> Word Count (91)
 UserId="33934" --> Word Count (65)
 UserId="33603" --> Word Count (212)
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 UserId="26444" --> Word Count (17)
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 UserId="33986" --> Word Count (93)
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 UserId="24119" --> Word Count (60)
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 UserId="33993" --> Word Count (67)
 UserId="33993" --> Word Count (7)
 UserId="33993" --> Word Count (1)
 UserId="30538" --> Word Count (35)
 UserId="34002" --> Word Count (1344)

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UserId="34002" --> Word Count (6)
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UserId="30212" --> Word Count (52)
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UserId="34006" --> Word Count (75)
UserId="34006" --> Word Count (6)
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UserId="34006" --> Word Count (89)
UserId="33816" --> Word Count (74)
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UserId="33816" --> Word Count (1)
UserId="31093" --> Word Count (72)
UserId="31093" --> Word Count (3)
UserId="31093" --> Word Count (1)
UserId="6648" --> Word Count (66)
UserId="31093" --> Word Count (25)
UserId="381" Comment="added 38 characters in body" --> Word Count (148)
UserId="30212" --> Word Count (73)
UserId="33970" Text="I tried to load fastText pretrained model from here
[Fasttext model][1]. I am using [wiki.simple.en][2]&#xD;&#xA;&#xD;&#xA; from
gensim.models.keyedvectors import KeyedVectors&#xD;&#xA;&#xD;&#xA;
word_vectors = KeyedVectors.load_word2vec_format('wiki.simple.bin',
binary=True)&#xD;&#xA;&#xD;&#xA;But, it shows the following
errors&#xD;&#xA;&#xD;&#xA; Traceback (most recent call last):&#xD;&#xA;
File "nlTK_check.py", line 28, in <module>&#xD;&#xA;
word_vectors = KeyedVectors.load_word2vec_format('wiki.simple.bin',
binary=True)&#xD;&#xA; File "P:\major_project\venv\lib\sitepackages\ge
nsim\models\keyedvectors.py", line 206, in load_word2vec_format&#xD;&#xA;
header = utils.to_unicode(fin.readline(), encoding=encoding)&#xD;&#xA; File
"P:\major_project\venv\lib\site-packages\gensim\utils.py", line 235,
in any2unicode&#xD;&#xA; return unicode(text, encoding,
errors=errors)&#xD;&#xA; UnicodeDecodeError: 'utf-8' codec can't decode byte
0xba in position 0: invalid start byte&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;**Question
1** How do I load fasttext model with Gensim?&#xD;&#xA;&#xD;&#xA;**Question 2**
Also, after loading the model, I want to find the similarity between two words
&#xD;&#xA; &#xD;&#xA; model.find_similarity('teacher',
'teaches')&#xD;&#xA; # Something like this&#xD;&#xA; Output :
0.99&#xD;&#xA;How do I do this?&#xD;&#xA;&#xD;&#xA;&#xD;&#xA; [1]:
https://github.com/facebookresearch/fast --> Word Count (4)
UserId="33970" Text="How do I load Fast --> Word Count (5)
UserId="33970" --> Word Count (1)
UserId="34037" --> Word Count (149)
UserId="34037" --> Word Count (16)
UserId="34037" --> Word Count (1)
UserId="34036" --> Word Count (239)
UserId="34036" --> Word Count (11)
UserId="34036" --> Word Count (1)
UserId="33838" --> Word Count (42)

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UserId="33838" --> Word Count (5)
 UserId="33838" --> Word Count (1)
 UserId="33231" --> Word Count (80)
 UserId="33231" --> Word Count (5)
 UserId="33231" --> Word Count (1)
 UserId="21608" --> Word Count (282)
 UserId="34042" --> Word Count (678)
 UserId="34042" --> Word Count (8)
 UserId="34042" --> Word Count (1)
 UserId="33540" --> Word Count (47)
 UserId="31513" Comment="basic formatting" --> Word Count (719)
 UserId="33603" --> Word Count (371)
 UserId="33603" --> Word Count (10)
 UserId="33603" --> Word Count (1)
 UserId="33377" Comment="clarified the early-stopping issue and added the learning curve" --> Word Count (467)
 UserId="33970" Text="Here's the link for the methods available for fasttext implementation in gensim [fasttext.py][1]

 from gensim.models.wrappers import FastText

 model = Fast --> Word Count (47)
 UserId="34048" Text="I understand that this is broad, but I merely require a few pointers. 

I wish to implement a text summarization system. I have already tried out an abstractive approach, now I am trying an extractive approach. The current extractive approaches out there(--> Word Count (149)
 UserId="34048" --> Word Count (10)
 UserId="34048" --> Word Count (1)
 UserId="34048" Comment="added 2 characters in body" Text="I understand that this is broad, but I merely require a few pointers. 

I wish to implement a text summarization system. I have already tried out an abstractive approach, now I am trying an extractive approach. The current extractive approaches out there(--> Word Count (150)
 UserId="30212" --> Word Count (184)
 UserId="33603" Comment="edited title" --> Word Count (9)
 UserId="34052" --> Word Count (200)
 UserId="34052" --> Word Count (8)
 UserId="34052" --> Word Count (1)
 UserId="34053" --> Word Count (83)
 UserId="34053" --> Word Count (15)
 UserId="34053" --> Word Count (1)
 UserId="34053" Comment="added 59 characters in body; edited title" --> Word Count (94)
 UserId="34053" Comment="added 59 characters in body; edited title" --> Word Count (15)
 UserId="30212" --> Word Count (34)
 UserId="31513" Comment="removed "thank you" note, slightly better title" --> Word Count (147)
 UserId="31513" Comment="removed "thank you" note, slightly better title" --> Word Count (16)

UserId="31513" Comment="formatting" --> Word Count (147)
 UserId="31513" Comment="formatting" --> Word Count (5)
 UserId="31513" Comment="removed "thank you" note, slightly better title" --> Word Count (60)
 UserId="31513" Comment="removed "thank you" note, slightly better title" --> Word Count (3)
 UserId="31513" Comment="removed "thank you" note" --> Word Count (63)
 UserId="31513" Comment="removed "thank you" note" --> Word Count (5)
 UserId="836" --> Word Count (156)
 UserId="836" Comment="added 265 characters in body" --> Word Count (221)
 UserId="31513" Comment="removed "thank you" note, added a pic" --> Word Count (131)
 UserId="31513" Comment="removed "thank you" note, added a pic" --> Word Count (10)
 UserId="33934" --> Word Count (147)
 UserId="34063" --> Word Count (44)
 UserId="34063" --> Word Count (6)
 UserId="34063" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="21" Comment="to <https://codereview.stackexchange.com/questions/167086/wrong-output-for-neural-network-written-from-scratch>" --> Word Count (2)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="-1" --> Word Count (1)
 UserId="16050" --> Word Count (204)
 UserId="16050" --> Word Count (13)
 UserId="16050" --> Word Count (1)
 UserId="836" Comment="added 3731 characters in body" --> Word Count (754)
 UserId="34083" --> Word Count (222)
 UserId="836" Comment="deleted 294 characters in body" --> Word Count (705)
 UserId="34042" Comment="deleted 509 characters in body" --> Word Count (510)
 UserId="836" Comment="deleted 294 characters in body" --> Word Count (810)
 UserId="20618" --> Word Count (50)
 UserId="20618" --> Word Count (11)
 UserId="20618" --> Word Count (1)
 UserId="836" Comment="added 43 characters in body" --> Word Count (816)
 UserId="34090" --> Word Count (77)
 UserId="34090" --> Word Count (5)
 UserId="34090" --> Word Count (1)
 UserId="30212" --> Word Count (31)
 UserId="17036" --> Word Count (1499)
 UserId="17036" --> Word Count (10)
 UserId="17036" --> Word Count (1)
 UserId="8214" --> Word Count (989)
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 UserId="31736" --> Word Count (49)
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 UserId="15847" --> Word Count (79)
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 break up question into paragraphs" --> Word Count (174)
 UserId="836" Comment="Spell "spectrograms" correctly in title, and
 break up question into paragraphs" --> Word Count (7)
 UserId="27526" --> Word Count (140)
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 UserId="33386" --> Word Count (8)
 UserId="33386" --> Word Count (1)
 UserId="27526" Comment="added 684 characters in body" --> Word Count (246)
 UserId="8214" --> Word Count (37)
 UserId="33540" --> Word Count (32)
 UserId="34110" --> Word Count (143)
 UserId="34110" --> Word Count (8)
 UserId="34110" --> Word Count (1)
 UserId="34116" --> Word Count (67)
 UserId="34116" --> Word Count (8)
 UserId="34116" --> Word Count (1)
 UserId="29575" --> Word Count (124)
 UserId="33838" --> Word Count (40)
 UserId="33838" --> Word Count (2)
 UserId="33838" --> Word Count (1)
 UserId="17536" Comment="deleted 1 character in body" --> Word Count (60)
 UserId="33838" Comment="added 121 characters in body" --> Word Count (59)
 UserId="29575" Comment="Add some links" --> Word Count (67)
 UserId="8878" --> Word Count (55)
 UserId="34127" --> Word Count (38)
 UserId="34127" --> Word Count (12)
 UserId="34127" --> Word Count (1)
 UserId="34130" --> Word Count (30)
 UserId="34106" --> Word Count (98)
 UserId="34106" --> Word Count (8)
 UserId="34106" --> Word Count (1)
 UserId="18626" --> Word Count (128)
 UserId="33603" --> Word Count (92)
 UserId="27526" --> Word Count (212)
 UserId="27526" --> Word Count (6)
 UserId="27526" --> Word Count (1)
 UserId="29428" --> Word Count (46)
 UserId="29428" --> Word Count (15)
 UserId="29428" --> Word Count (1)
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 UserId="33386" --> Word Count (89)
 UserId="33386" --> Word Count (10)
 UserId="33386" --> Word Count (1)
 UserId="33728" Comment="added 12 characters in body" --> Word Count (366)
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 UserId="34153" --> Word Count (7)
 UserId="34153" --> Word Count (1)
 UserId="34153" --> Word Count (62)
 UserId="34153" Comment="improved explanations" --> Word Count (77)
 UserId="34153" --> Word Count (150)
 UserId="24077" --> Word Count (482)
 UserId="24077" --> Word Count (9)
 UserId="24077" --> Word Count (1)
 UserId="34153" --> Word Count (88)
 UserId="34153" --> Word Count (169)
 UserId="34153" Comment="improved title" --> Word Count (9)
 UserId="34042" --> Word Count (162)
 UserId="34042" --> Word Count (4)
 UserId="34042" --> Word Count (1)
 UserId="30212" --> Word Count (111)
 UserId="836" --> Word Count (81)
 UserId="836" Comment="added 7 characters in body" --> Word Count (84)
 UserId="836" Comment="deleted 41 characters in body; edited title" --> Word Count (161)
 UserId="836" Comment="deleted 41 characters in body; edited title" --> Word Count (6)
 UserId="836" Comment="added 413 characters in body" --> Word Count (149)
 UserId="34160" --> Word Count (151)
 UserId="34160" --> Word Count (10)
 UserId="34160" --> Word Count (1)
 UserId="31154" --> Word Count (150)
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 UserId="32130" --> Word Count (193)
 UserId="34165" --> Word Count (411)
 UserId="34165" --> Word Count (26)
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 UserId="1330" Text="[TextBlob][1], a Python package, does this (and much more). It uses a pre-trained model, thus requires no training. Given a sentence, --> Word Count (38)
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 UserId="1330" --> Word Count (79)
 UserId="31046" --> Word Count (111)
 UserId="24077" Comment="added 22 characters in body" --> Word Count (488)
 UserId="33301" --> Word Count (212)
 UserId="33301" --> Word Count (4)
 UserId="33301" --> Word Count (1)

UserId="20618" --> Word Count (134)
UserId="20618" --> Word Count (11)
UserId="20618" --> Word Count (1)
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UserId="34092" --> Word Count (553)
UserId="34092" --> Word Count (9)
UserId="34092" --> Word Count (1)
UserId="34092" Comment="added 1271 characters in body" --> Word Count (777)
UserId="34092" Comment="added 1271 characters in body" --> Word Count (1)
UserId="33386" Comment="edited title" --> Word Count (11)
UserId="21" Comment="104" --> Word Count (2)
UserId="9508" Comment="improved grammar in title" --> Word Count (7)
UserId="34184" --> Word Count (121)
UserId="34184" --> Word Count (15)
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UserId="20766" --> Word Count (1)
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UserId="836" Comment="deleted 3 characters in body; edited title" --> Word Count (119)
UserId="836" Comment="deleted 3 characters in body; edited title" --> Word Count (15)
UserId="33838" --> Word Count (115)
UserId="33838" --> Word Count (5)
UserId="33838" --> Word Count (1)
UserId="34042" --> Word Count (229)
UserId="34042" --> Word Count (8)
UserId="34042" --> Word Count (1)
UserId="33716" --> Word Count (186)
UserId="33716" --> Word Count (16)
UserId="33716" --> Word Count (1)
UserId="21608" --> Word Count (46)
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UserId="32686" --> Word Count (3)
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UserId="34201" --> Word Count (84)
UserId="34201" --> Word Count (3)
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UserId="29428" Comment="added 459 characters in body" --> Word Count (114)
UserId="14588" --> Word Count (102)
UserId="14588" Comment="edited body" --> Word Count (102)
UserId="14588" Comment="add bagging/boosting" --> Word Count (125)
UserId="836" --> Word Count (637)
UserId="14588" Comment="add MOA" --> Word Count (140)
UserId="836" Comment="deleted 3 characters in body" --> Word Count (651)
UserId="836" Comment="deleted 3 characters in body" --> Word Count (663)

UserId="836" Comment="Finally get output value that matches code as presented in the answer" --> Word Count (665)
 UserId="34204" --> Word Count (24)
 UserId="34213" --> Word Count (344)
 UserId="34213" --> Word Count (11)
 UserId="34213" --> Word Count (1)
 UserId="27526" --> Word Count (156)
 UserId="27526" --> Word Count (14)
 UserId="27526" --> Word Count (1)
 UserId="27616" --> Word Count (91)
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 UserId="34223" --> Word Count (102)
 UserId="14588" --> Word Count (88)
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 UserId="33478" --> Word Count (4)
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 UserId="30835" --> Word Count (580)
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 UserId="17539" --> Word Count (1)
 UserId="24000" Comment="Reformatted " --> Word Count (85)
 UserId="26127" --> Word Count (80)
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UserId="34267" Comment="edited title" --> Word Count (8)
UserId="34267" Comment="edited title" --> Word Count (106)
UserId="8370" --> Word Count (414)
UserId="34269" --> Word Count (226)
UserId="34116" --> Word Count (130)
UserId="34116" Comment="added 254 characters in body" --> Word Count (175)
UserId="34269" --> Word Count (83)
UserId="34270" --> Word Count (190)
UserId="34270" --> Word Count (11)
UserId="34270" --> Word Count (1)
UserId="8370" Comment="added 2 characters in body" --> Word Count (414)
UserId="33777" Comment="added details about syllabus" --> Word Count (261)
UserId="34267" Comment="added 339 characters in body" --> Word Count (171)
UserId="33716" Comment="added code directly into the question" --> Word Count (795)
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UserId="381" Comment="added 34 characters in body" --> Word Count (191)
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UserId="34037" --> Word Count (1)
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UserId="33603" --> Word Count (106)
UserId="33603" --> Word Count (202)
UserId="33603" --> Word Count (93)
UserId="836" --> Word Count (465)
UserId="836" Comment="added 138 characters in body" --> Word Count (493)
UserId="18306" Comment="added 43 characters in body" --> Word Count (233)
UserId="836" Comment="added 84 characters in body" --> Word Count (508)
UserId="2576" --> Word Count (63)
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UserId="82" --> Word Count (212)

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 UserId="23644" --> Word Count (119)
 UserId="23644" --> Word Count (10)
 UserId="23644" --> Word Count (1)
 UserId="23644" Comment="added 19 characters in body" --> Word Count (122)
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 UserId="34177" --> Word Count (89)
 UserId="34310" --> Word Count (68)
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 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (229)
 UserId="34306" Comment="Improved formatting" --> Word Count (26)
 UserId="29575" Comment="Minor grammar" --> Word Count (142)
 UserId="21" Comment="Minor grammar" --> Word Count (143)
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 UserId="34322" Comment="added 32 characters in body" --> Word Count (1349)
 UserId="34324" --> Word Count (66)
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 UserId="8013" Comment="edited tags" --> Word Count (48)
 UserId="30835" Comment="added 1864 characters in body" --> Word Count (1008)
 UserId="32367" --> Word Count (131)
 UserId="32367" --> Word Count (4)
 UserId="32367" --> Word Count (1)
 UserId="9257" --> Word Count (42)
 UserId="378" Comment="added 69 characters in body" --> Word Count (123)
 UserId="32901" --> Word Count (93)
 UserId="29575" Comment="Minor grammar" --> Word Count (172)
 UserId="25429" Comment="added 140 characters in body; edited title" --> Word Count (178)
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 UserId="25429" Comment="Rollback to [9f9ad1aa-4d42-4ea2-b0da-b8081aedc378]" --> Word Count (187)
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 UserId="35383" --> Word Count (1)
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 UserId="14675" Comment="simplification" --> Word Count (380)
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 UserId="29208" --> Word Count (86)
 UserId="16922" --> Word Count (127)
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 UserId="35392" --> Word Count (27)
 UserId="35392" --> Word Count (1)

UserId="35392" Comment="added 52 characters in body" --> Word Count (438)
 UserId="35394" --> Word Count (48)
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 UserId="24575" --> Word Count (5)
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 UserId="35384" Comment="clarification" --> Word Count (389)
 UserId="35399" --> Word Count (177)
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 UserId="35399" --> Word Count (1)
 UserId="82" Comment="Added second book" --> Word Count (93)
 UserId="32901" Comment="Typo." --> Word Count (92)
 UserId="82" --> Word Count (88)
 UserId="33701" --> Word Count (33)
 UserId="33701" --> Word Count (4)
 UserId="33701" --> Word Count (1)
 UserId="34116" --> Word Count (124)
 UserId="16024" Comment="added 21 characters in body" --> Word Count (266)
 UserId="82" --> Word Count (37)
 UserId="35405" --> Word Count (131)
 UserId="35405" --> Word Count (12)
 UserId="35405" --> Word Count (1)
 UserId="32367" Comment="deleted 64 characters in body" --> Word Count (121)
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 UserId="15412" --> Word Count (3)
 UserId="15412" --> Word Count (1)
 UserId="23983" --> Word Count (139)
 UserId="23983" --> Word Count (9)
 UserId="23983" --> Word Count (1)
 UserId="16024" --> Word Count (66)
 UserId="33150" --> Word Count (84)
 UserId="33150" --> Word Count (12)
 UserId="33150" --> Word Count (1)
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From what I've worked on, **n-grams** are sequences of words with length **n**. They are still very helpful for the **bag of words** suggestion. The python library scikit-learn has a class **CountVectorizer**

which lets you create this model. In addition, it also lets you set a **max** number of features which can act as your feature reduction.

Further, if you were going this route, I would continue and use **Tf-idf** which will find out 'how important' a word is to a document. You can read more on the [wiki][1]. Scikit-learn has a great tutorial on working with text data which utilizes both **CountVectorizer** and **Tf-idf**:

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there. Some thoughts:

- regex (regular expressions) may not work because "*Whole Cheese*" (the description) doesn't even contain "*pizza*" (the category)!
- the "case-when logic" you mentioned is SQL's equivalent of handling conditional (if/else) logic using SQL's `CASE` statement. This can be helpful but super-tedious due to the huge number of rules required. (And then what happens when you have misspelt descriptions e.g. *pizzza*?)
- wrt the comment by @Spaceman, my thought is that using `stringdist` to calculate string distance to then perform clustering, which is unsupervised, wastes all the useful labelled data which can be used!

My suggestion:

Use a combination of "case-when logic" and classification algorithms, to generate a set of labelled data (the labels being the rollups) in which then you can perform some supervised classification for the unlabelled data.

In your sample file, some categories have already been labelled. You can use that as training data for your supervised learning (e.g. SVM).

This may require some text mining knowledge (e.g. `DocumentTermMatrix`, tokenizers). I refer you to the wonderful `tm` and `R --> Word Count (4)

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a) either calculate the cross-correlation matrix between all vectors of your dataset, or the distance matrix; in both cases, you'll get a square matrix.
Which distance to choose: I would suggest the Jaccard distance, eminently suitable for binary, sparse feature vectors.

b1) use the spectral reordering algorithm, as described in <http://www.pnas.org/content/suppl/2004/08/20/0403743101.DC1/03743Supp> --> Word Count (59)
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 UserId="31599" --> Word Count (6)
 UserId="31599" --> Word Count (1)
 UserId="33137" --> Word Count (165)
 UserId="33137" --> Word Count (6)
 UserId="33137" --> Word Count (1)
 UserId="33137" Comment="added 104 characters in body" --> Word Count (244)
 UserId="31599" Comment="added 246 characters in body" --> Word Count (169)
 UserId="30212" --> Word Count (164)
 UserId="33137" --> Word Count (6)
 UserId="37447" --> Word Count (43)
 UserId="28175" Comment="added 18 characters in body" --> Word Count (59)

UserId="28175" Comment="some changes" --> Word Count (1)
 UserId="29575" Comment="Format code" --> Word Count (8)
 UserId="29575" Comment="Format code" --> Word Count (176)
 UserId="37453" --> Word Count (45)
 UserId="37455" --> Word Count (246)
 UserId="37455" --> Word Count (7)
 UserId="37455" --> Word Count (1)
 UserId="37460" --> Word Count (910)
 UserId="37460" --> Word Count (16)
 UserId="37460" --> Word Count (1)
 UserId="5041" --> Word Count (105)
 UserId="28175" --> Word Count (59)
 UserId="35650" --> Word Count (750)
 UserId="5041" Comment="via Vote" --> Word Count (1)
 UserId="5041" --> Word Count (1)
 UserId="5041" Comment="added 8 characters in body" --> Word Count (108)
 UserId="33171" --> Word Count (14)
 UserId="33171" --> Word Count (6)
 UserId="33171" --> Word Count (1)
 UserId="37471" --> Word Count (64)
 UserId="37471" --> Word Count (7)
 UserId="37471" --> Word Count (1)
 UserId="6648" --> Word Count (240)
 UserId="28175" Comment="added 8 characters in body" --> Word Count (60)
 UserId="37109" --> Word Count (33)
 UserId="37455" Comment="deleted 1 character in body" --> Word Count (246)
 UserId="924" --> Word Count (100)
 UserId="924" Comment="added 455 characters in body" --> Word Count (175)
 UserId="31696" --> Word Count (166)
 UserId="31696" --> Word Count (9)
 UserId="31696" --> Word Count (1)
 UserId="8878" Comment="Improve the title" --> Word Count (11)
 UserId="16024" Text="Just another point of view, Dig the topic names a bit deeper.

` --> Word Count (183)
 UserId="37483" --> Word Count (79)
 UserId="37483" --> Word Count (4)
 UserId="37483" --> Word Count (1)
 UserId="31599" --> Word Count (21)
 UserId="5041" Comment="deleted 71 characters in body" --> Word Count (96)
 UserId="18626" --> Word Count (238)
 UserId="37484" --> Word Count (91)
 UserId="37484" --> Word Count (8)
 UserId="37484" --> Word Count (1)
 UserId="16024" Comment="added 4 characters in body" Text="Just another point of view, Dig the topic names a bit deeper.

` --> Word Count (184)
 UserId="21" Comment="101" --> Word Count (2)
 UserId="37330" --> Word Count (40)

UserId="26961" --> Word Count (331)
 UserId="8878" --> Word Count (84)
 UserId="8878" Comment="Some structure, Adding tag" --> Word Count (87)
 UserId="8878" Comment="Some structure, Adding tag" --> Word Count (1)
 UserId="8878" Comment="Just understood the question after editing it!" --> Word Count (302)
 UserId="29575" Comment="Minor grammar" --> Word Count (82)
 UserId="18465" --> Word Count (99)
 UserId="29575" Comment="Format List" --> Word Count (89)
 UserId="28175" Comment="some chagne" --> Word Count (248)
 UserId="28175" Comment="some chagne" --> Word Count (10)
 UserId="37499" --> Word Count (358)
 UserId="37499" --> Word Count (10)
 UserId="37499" --> Word Count (1)
 UserId="23305" --> Word Count (231)
 UserId="31599" --> Word Count (44)
 UserId="31599" --> Word Count (13)
 UserId="31599" --> Word Count (1)
 UserId="23305" --> Word Count (45)
 UserId="16853" --> Word Count (356)
 UserId="37507" --> Word Count (110)
 UserId="37507" --> Word Count (6)
 UserId="37507" --> Word Count (1)
 UserId="37512" --> Word Count (19)
 UserId="37512" --> Word Count (7)
 UserId="37512" --> Word Count (1)
 UserId="29575" Comment="Minor grammar" --> Word Count (27)
 UserId="29575" Comment="Minor grammar" --> Word Count (8)
 UserId="37516" --> Word Count (170)
 UserId="37516" --> Word Count (13)
 UserId="37516" --> Word Count (1)
 UserId="37512" Comment="edited tags" --> Word Count (1)
 UserId="32637" --> Word Count (175)
 UserId="32637" --> Word Count (15)
 UserId="32637" --> Word Count (1)
 UserId="20766" --> Word Count (359)
 UserId="20766" --> Word Count (7)
 UserId="20766" --> Word Count (1)
 UserId="20766" Comment="added 7 characters in body" --> Word Count (361)
 UserId="37330" Comment="added 8 characters in body" --> Word Count (41)
 UserId="27916" --> Word Count (75)
 UserId="27916" --> Word Count (6)
 UserId="27916" --> Word Count (1)
 UserId="30507" Comment="LINK TO THE MAIN STUDY" --> Word Count (162)
 UserId="37532" --> Word Count (746)
 UserId="37532" --> Word Count (8)
 UserId="37532" --> Word Count (1)
 UserId="11097" Comment="deleted 31 characters in body" --> Word Count (740)

UserId="37532" Comment="added 49 characters in body" --> Word Count (746)
 UserId="37532" Comment="added 7 characters in body" --> Word Count (753)
 UserId="836" --> Word Count (388)
 UserId="836" Comment="added 89 characters in body" --> Word Count (404)
 UserId="37537" --> Word Count (91)
 UserId="37537" --> Word Count (6)
 UserId="37537" --> Word Count (1)
 UserId="37539" --> Word Count (206)
 UserId="37539" --> Word Count (11)
 UserId="37539" --> Word Count (1)
 UserId="31599" Comment="edited title" --> Word Count (13)
 UserId="31599" Comment="edited title" --> Word Count (44)
 UserId="32637" Comment="added 291 characters in body" --> Word Count (234)
 UserId="37460" Comment="I added my updated understanding of the role of
 batches." --> Word Count (1090)
 UserId="37544" --> Word Count (197)
 UserId="37544" --> Word Count (10)
 UserId="37544" --> Word Count (1)
 UserId="23305" Comment="added 9 characters in body" --> Word Count (233)
 UserId="1330" --> Word Count (90)
 UserId="32280" --> Word Count (80)
 UserId="32280" --> Word Count (7)
 UserId="32280" --> Word Count (1)
 UserId="29575" Comment="Clarify Title" --> Word Count (197)
 UserId="29575" Comment="Clarify Title" --> Word Count (10)
 UserId="33973" --> Word Count (209)
 UserId="33973" --> Word Count (8)
 UserId="33973" --> Word Count (1)
 UserId="29575" Comment="Format code" --> Word Count (713)
 UserId="29575" Comment="Format list" --> Word Count (207)
 UserId="29575" Comment="Format list" --> Word Count (1)
 UserId="23305" --> Word Count (72)
 UserId="23305" Comment="fix link" --> Word Count (207)
 UserId="23305" Comment="spell out abbreviations in header" --> Word Count (75)
 UserId="23305" Comment="spell out abbreviations in header" --> Word Count (12)
 UserId="23305" Comment="spell out abbreviations in header" --> Word Count (1)
 UserId="37548" --> Word Count (2176)
 UserId="37548" --> Word Count (13)
 UserId="37548" --> Word Count (1)
 UserId="37549" --> Word Count (233)
 UserId="37549" --> Word Count (10)
 UserId="37549" --> Word Count (1)
 UserId="37549" Comment="added 143 characters in body" --> Word Count (236)
 UserId="37550" --> Word Count (59)
 UserId="37550" --> Word Count (11)
 UserId="37550" --> Word Count (1)
 UserId="35917" --> Word Count (251)
 UserId="35917" --> Word Count (8)

UserId="35917" --> Word Count (1)
 UserId="37548" Comment="added 75 characters in body" --> Word Count (2188)
 UserId="29805" --> Word Count (54)
 UserId="1426" --> Word Count (57)
 UserId="37561" --> Word Count (75)
 UserId="37561" --> Word Count (6)
 UserId="37561" --> Word Count (1)
 UserId="37560" Comment="corrected typo and removed thanks" --> Word Count (363)
 UserId="37560" Comment="corrected typo and removed thanks" --> Word Count (7)
 UserId="21" Comment="corrected typo and removed thanks" --> Word Count (361)
 UserId="37502" --> Word Count (81)
 UserId="37502" --> Word Count (6)
 UserId="37502" --> Word Count (1)
 UserId="26121" --> Word Count (204)
 UserId="37571" --> Word Count (102)
 UserId="37571" --> Word Count (16)
 UserId="37571" --> Word Count (1)
 UserId="37571" Comment="added 85 characters in body" --> Word Count (123)
 UserId="35644" --> Word Count (65)
 UserId="35644" --> Word Count (3)
 UserId="35644" --> Word Count (1)
 UserId="35644" Comment="added 20 characters in body" --> Word Count (65)
 UserId="29805" --> Word Count (36)
 UserId="37574" --> Word Count (148)
 UserId="37574" --> Word Count (8)
 UserId="37574" --> Word Count (1)
 UserId="2968" --> Word Count (19)
 UserId="836" --> Word Count (437)
 UserId="836" Comment="added 60 characters in body" --> Word Count (463)
 UserId="836" Comment="added 60 characters in body" --> Word Count (476)
 UserId="836" Comment="added 60 characters in body" --> Word Count (510)
 UserId="13235" --> Word Count (207)
 UserId="13235" --> Word Count (14)
 UserId="13235" --> Word Count (1)
 UserId="1330" --> Word Count (149)
 UserId="1330" --> Word Count (55)
 UserId="1330" --> Word Count (182)
 UserId="24000" Comment="Reformatted, added better title" --> Word Count (72)
 UserId="24000" Comment="Reformatted, added better title" --> Word Count (8)
 UserId="35420" --> Word Count (461)
 UserId="35420" Comment="edited tags; edited title" --> Word Count (12)
 UserId="35420" Comment="edited tags; edited title" --> Word Count (1)
 UserId="35420" Comment="edited tags; edited title" --> Word Count (217)
 UserId="35541" --> Word Count (110)
 UserId="30006" --> Word Count (191)
 UserId="30006" --> Word Count (4)
 UserId="30006" --> Word Count (1)
 UserId="30006" Comment="edited body" --> Word Count (191)

UserId="37495" --> Word Count (135)
 UserId="37584" --> Word Count (196)
 UserId="37584" --> Word Count (13)
 UserId="37584" --> Word Count (1)
 UserId="31307" --> Word Count (166)
 UserId="31307" --> Word Count (15)
 UserId="31307" --> Word Count (1)
 UserId="37590" --> Word Count (221)
 UserId="37590" --> Word Count (12)
 UserId="37590" --> Word Count (1)
 UserId="-1" Comment="101" --> Word Count (2)
 UserId="25742" Text="If it is a one-time transformation, you can simply separate the field's contents in Excel itself.
Execute the following steps:

 1. Open the file in MS Excel
 2. Go to the Data tab
 3. Click on the --> Word Count (43)
 UserId="25742" --> Word Count (89)
 UserId="29575" Comment="Format list" --> Word Count (234)
 UserId="29575" Comment="Format list" --> Word Count (11)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="31513" Comment="TAG, TITLE" --> Word Count (7)
 UserId="31513" Comment="TAG, TITLE" --> Word Count (1)
 UserId="24000" Comment="Reformatted, added link to the book" --> Word Count (220)
 UserId="29575" Comment="Minor grammar / add tag" --> Word Count (145)
 UserId="29575" Comment="Minor grammar / add tag" --> Word Count (8)
 UserId="29575" Comment="Minor grammar / add tag" --> Word Count (1)
 UserId="37590" Comment="added 4 characters in body" --> Word Count (220)
 UserId="30006" Comment="deleted 137 characters in body" --> Word Count (166)
 UserId="37397" --> Word Count (228)
 UserId="37397" --> Word Count (6)
 UserId="37397" --> Word Count (1)
 UserId="16050" --> Word Count (157)
 UserId="16050" --> Word Count (6)
 UserId="16050" --> Word Count (1)
 UserId="34110" --> Word Count (133)
 UserId="37596" --> Word Count (220)
 UserId="2454" --> Word Count (296)
 UserId="37604" --> Word Count (278)
 UserId="37604" --> Word Count (6)
 UserId="37604" --> Word Count (1)
 UserId="21" --> Word Count (2)
 UserId="22012" Comment="corrected latex equations" --> Word Count (116)
 UserId="924" --> Word Count (107)
 UserId="37611" Comment="Updated broken link" --> Word Count (682)
 UserId="37546" --> Word Count (48)
 UserId="37546" --> Word Count (12)
 UserId="37546" --> Word Count (1)
 UserId="381" --> Word Count (245)

UserId="23437" --> Word Count (49)
 UserId="23437" --> Word Count (5)
 UserId="23437" --> Word Count (1)
 UserId="23437" Comment="edited body" --> Word Count (39)
 UserId="1409" --> Word Count (244)
 UserId="1409" --> Word Count (8)
 UserId="1409" --> Word Count (1)
 UserId="8013" --> Word Count (27)
 UserId="8013" --> Word Count (7)
 UserId="8013" --> Word Count (1)
 UserId="27983" --> Word Count (51)
 UserId="30575" Comment="added 1 character in body" --> Word Count (57)
 UserId="29345" --> Word Count (276)
 UserId="29345" --> Word Count (8)
 UserId="29345" --> Word Count (1)
 UserId="37467" --> Word Count (60)
 UserId="37467" --> Word Count (5)
 UserId="37467" --> Word Count (1)
 UserId="17290" --> Word Count (93)
 UserId="37626" --> Word Count (90)
 UserId="37626" --> Word Count (4)
 UserId="37626" --> Word Count (1)
 UserId="27983" --> Word Count (78)
 UserId="37629" --> Word Count (56)
 UserId="14588" --> Word Count (651)
 UserId="14588" Comment="remove 1 typo, add 1 caption" --> Word Count (660)
 UserId="35713" --> Word Count (93)
 UserId="30212" --> Word Count (57)
 UserId="37630" --> Word Count (178)
 UserId="30507" Comment="more info" --> Word Count (187)
 UserId="37630" Comment="added 223 characters in body" --> Word Count (198)
 UserId="35930" --> Word Count (132)
 UserId="35930" --> Word Count (7)
 UserId="35930" --> Word Count (1)
 UserId="8432" --> Word Count (123)
 UserId="8432" --> Word Count (12)
 UserId="8432" --> Word Count (1)
 UserId="33646" --> Word Count (60)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="1426" --> Word Count (40)
 UserId="31513" --> Word Count (61)
 UserId="33646" --> Word Count (68)
 UserId="37646" --> Word Count (54)
 UserId="37646" --> Word Count (5)
 UserId="37646" --> Word Count (1)
 UserId="37648" --> Word Count (223)
 UserId="37648" --> Word Count (9)
 UserId="37648" --> Word Count (1)

UserId="30360" --> Word Count (21)
 UserId="32280" --> Word Count (229)
 UserId="32905" --> Word Count (159)
 UserId="32905" --> Word Count (5)
 UserId="32905" --> Word Count (1)
 UserId="32280" Comment="added 901 characters in body" --> Word Count (368)
 UserId="32280" Comment="added 537 characters in body" --> Word Count (440)
 UserId="37658" --> Word Count (38)
 UserId="37658" --> Word Count (4)
 UserId="37658" --> Word Count (1)
 UserId="13833" --> Word Count (35)
 UserId="13833" --> Word Count (136)
 UserId="31513" Comment="fixed dead link, and minor errors" --> Word Count (118)
 UserId="31513" Comment="fixed dead link, and minor errors" --> Word Count (10)
 UserId="37330" --> Word Count (72)
 UserId="15533" --> Word Count (214)
 UserId="15533" --> Word Count (15)
 UserId="15533" --> Word Count (1)
 UserId="27983" --> Word Count (79)
 UserId="16024" Text="I'm working on [Seq2Seq model] using LSTM from Keras (using Theano background) and I would like to parallelize the processes, because even few MBs of data need several hours for training. 

It is clear that GPUs are far much better in parallelization than CPUs. At the moment, I only have CPUs to work with. I could access 16 CPUs(2 Threads per core X 4 cores per socket X 2 sockets)

From the doc of multi-core [support] in Theano, I managed to use all the four cores of a single socket. So, basically the CPU is at 400% usage with 4CPUs used and the remaining 12 CPUs remain unused. How do I make use of them too. Tensorflow could also be used instead of Theano background, if it works.

[![enter image description here][1]][1]

[Seq2Seq model]:https://chunml.github.io/ChunML.github.io/project/Creating- --> Word Count (4)
 UserId="16024" --> Word Count (8)
 UserId="16024" --> Word Count (1)
 UserId="37664" --> Word Count (65)
 UserId="37664" --> Word Count (14)
 UserId="37664" --> Word Count (1)
 UserId="37665" --> Word Count (38)
 UserId="37665" --> Word Count (6)
 UserId="37665" --> Word Count (1)
 UserId="16024" --> Word Count (57)
 UserId="27983" Comment="deleted 1 character in body" --> Word Count (79)
 UserId="30507" Comment="all papers and some useless removed" --> Word Count (317)
 UserId="37059" --> Word Count (165)
 UserId="37059" --> Word Count (6)
 UserId="37059" --> Word Count (1)
 UserId="37666" --> Word Count (69)

UserId="37630" Comment="added 327 characters in body" --> Word Count (361)
 UserId="1085" --> Word Count (257)
 UserId="2433" --> Word Count (104)
 UserId="31599" --> Word Count (161)
 UserId="2433" --> Word Count (133)
 UserId="2433" --> Word Count (64)
 UserId="32882" --> Word Count (100)
 UserId="32882" --> Word Count (9)
 UserId="32882" --> Word Count (1)
 UserId="32882" Comment="Add more detailed question" --> Word Count (126)
 UserId="14675" --> Word Count (128)
 UserId="14675" Comment="added 388 characters in body" --> Word Count (190)
 UserId="35930" --> Word Count (170)
 UserId="35930" --> Word Count (7)
 UserId="35930" --> Word Count (1)
 UserId="8432" --> Word Count (157)
 UserId="8432" --> Word Count (11)
 UserId="8432" --> Word Count (1)
 UserId="30964" --> Word Count (193)
 UserId="32882" --> Word Count (76)
 UserId="32882" --> Word Count (4)
 UserId="32882" --> Word Count (1)
 UserId="23305" --> Word Count (86)
 UserId="14675" --> Word Count (98)
 UserId="23305" Comment="minor edits" --> Word Count (87)
 UserId="37510" --> Word Count (809)
 UserId="37510" --> Word Count (9)
 UserId="37510" --> Word Count (1)
 UserId="23305" Comment="more general title" --> Word Count (169)
 UserId="23305" Comment="more general title" --> Word Count (9)
 UserId="37680" --> Word Count (124)
 UserId="37680" --> Word Count (10)
 UserId="37680" --> Word Count (1)
 UserId="37510" Comment="added 34 characters in body" --> Word Count (814)
 UserId="28572" --> Word Count (78)
 UserId="28572" --> Word Count (5)
 UserId="28572" --> Word Count (1)
 UserId="37510" Comment="deleted 18 characters in body" --> Word Count (814)
 UserId="28175" Comment="some changes" --> Word Count (92)
 UserId="28175" Comment="deleted 9 characters in body" --> Word Count (58)
 UserId="32280" Comment="added 138 characters in body" --> Word Count (461)
 UserId="836" --> Word Count (89)
 UserId="836" Comment="added 187 characters in body" --> Word Count (119)
 UserId="33907" --> Word Count (1821)
 UserId="33907" --> Word Count (6)
 UserId="33907" --> Word Count (1)
 UserId="836" Comment="added 689 characters in body" --> Word Count (236)
 UserId="28175" Comment="added 376 characters in body" --> Word Count (132)

UserId="28175" Comment="added 39 characters in body" --> Word Count (139)
 UserId="836" Comment="added 44 characters in body" --> Word Count (246)
 UserId="836" Comment="added 44 characters in body" --> Word Count (287)
 UserId="836" Comment="deleted 17 characters in body" --> Word Count (288)
 UserId="836" Comment="added 287 characters in body" --> Word Count (335)
 UserId="836" Comment="added 310 characters in body" --> Word Count (403)
 UserId="836" Comment="added 107 characters in body" --> Word Count (419)
 UserId="13736" --> Word Count (98)
 UserId="13736" --> Word Count (9)
 UserId="13736" --> Word Count (1)
 UserId="31484" --> Word Count (73)
 UserId="31484" --> Word Count (13)
 UserId="31484" --> Word Count (1)
 UserId="37698" --> Word Count (56)
 UserId="37698" --> Word Count (2)
 UserId="37698" --> Word Count (1)
 UserId="11097" Comment="edited title" --> Word Count (6)
 UserId="37109" --> Word Count (74)
 UserId="37109" --> Word Count (9)
 UserId="37109" --> Word Count (1)
 UserId="37109" Comment="added 136 characters in body" --> Word Count (94)
 UserId="37698" --> Word Count (20)
 UserId="37109" Comment="edited title" --> Word Count (7)
 UserId="37109" Comment="edited title" --> Word Count (96)
 UserId="381" Comment="added 39 characters in body" --> Word Count (511)
 UserId="37109" Comment="added 240 characters in body" --> Word Count (138)
 UserId="37698" Comment="edited tags" --> Word Count (1)
 UserId="31513" Comment="removed a tag" --> Word Count (1)
 UserId="31513" Comment="removed a tag" --> Word Count (1)
 UserId="31513" Comment="removed a tag" --> Word Count (1)
 UserId="-1" Comment="typo: wether -> whether" --> Word Count (282)
 UserId="836" Comment="import graph from comments" --> Word Count (451)
 UserId="26856" --> Word Count (66)
 UserId="26856" --> Word Count (12)
 UserId="26856" --> Word Count (1)
 UserId="836" Comment="import graph from comments" --> Word Count (469)
 UserId="15533" --> Word Count (154)
 UserId="15533" --> Word Count (9)
 UserId="15533" --> Word Count (1)
 UserId="31599" Comment="added 212 characters in body; added 168 characters in body" --> Word Count (218)
 UserId="14904" --> Word Count (207)
 UserId="37109" --> Word Count (37)
 UserId="30964" --> Word Count (275)
 UserId="8878" --> Word Count (129)
 UserId="36971" --> Word Count (84)
 UserId="37715" --> Word Count (48)
 UserId="37715" --> Word Count (8)

UserId="37715" --> Word Count (1)
 UserId="35541" --> Word Count (101)
 UserId="37548" --> Word Count (98)
 UserId="37548" --> Word Count (9)
 UserId="37548" --> Word Count (1)
 UserId="37716" --> Word Count (97)
 UserId="37716" --> Word Count (13)
 UserId="37716" --> Word Count (1)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="24000" Comment="Reformatted, embedded image" --> Word Count (92)
 UserId="20492" --> Word Count (277)
 UserId="20492" Comment="added 1483 characters in body" --> Word Count (909)
 UserId="37626" --> Word Count (69)
 UserId="37626" --> Word Count (2)
 UserId="37626" --> Word Count (1)
 UserId="37626" Comment="deleted 8 characters in body" --> Word Count (68)
 UserId="30928" --> Word Count (135)
 UserId="37720" --> Word Count (54)
 UserId="106" --> Word Count (143)
 UserId="28860" Comment="deleted 31 characters in body" --> Word Count (232)
 UserId="16401" Comment="Improved formatting" --> Word Count (69)
 UserId="-1" Comment="Improve grammar and wording in title" --> Word Count (12)
 UserId="106" Comment="Repaired dead link" --> Word Count (67)
 UserId="8878" Comment="Repaired dead link" --> Word Count (65)
 UserId="23305" --> Word Count (81)
 UserId="381" Comment="added 7 characters in body" --> Word Count (100)
 UserId="32860" --> Word Count (137)
 UserId="32860" --> Word Count (7)
 UserId="32860" --> Word Count (1)
 UserId="37720" Comment="added 156 characters in body" --> Word Count (81)
 UserId="37736" --> Word Count (26)
 UserId="37736" --> Word Count (11)
 UserId="37736" --> Word Count (1)
 UserId="37739" --> Word Count (324)
 UserId="37739" --> Word Count (7)
 UserId="37739" --> Word Count (1)
 UserId="1330" Comment="Forgot word" --> Word Count (71)
 UserId="1330" --> Word Count (38)
 UserId="14675" --> Word Count (102)
 UserId="24593" --> Word Count (131)
 UserId="37747" --> Word Count (91)
 UserId="37747" --> Word Count (13)
 UserId="37747" --> Word Count (1)
 UserId="17538" --> Word Count (175)
 UserId="17538" Comment="added 94 characters in body" --> Word Count (199)
 UserId="15613" --> Word Count (181)
 UserId="15613" Text="" --> Word Count (5)

UserId="15613" --> Word Count (1)
 UserId="37752" --> Word Count (42)
 UserId="26105" Comment="edited title" --> Word Count (8)
 UserId="30536" --> Word Count (141)
 UserId="8820" --> Word Count (72)
 UserId="8820" Comment="added 93 characters in body" --> Word Count (84)
 UserId="17538" Comment="added 2 characters in body" --> Word Count (199)
 UserId="37604" --> Word Count (158)
 UserId="37604" --> Word Count (3)
 UserId="37604" --> Word Count (1)
 UserId="37760" --> Word Count (50)
 UserId="37760" --> Word Count (4)
 UserId="37760" --> Word Count (1)
 UserId="37727" --> Word Count (108)
 UserId="37727" --> Word Count (12)
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 [1]: <https://github.com/facebookresearch/fast> --> Word Count (1)
 UserId="37845" --> Word Count (76)
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 UserId="836" Comment="added 322 characters in body" --> Word Count (287)
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 UserId="35930" --> Word Count (7)
 UserId="35930" --> Word Count (1)
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 UserId="37548" --> Word Count (1)
 UserId="11097" --> Word Count (351)
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I write code in Tensorflow using convolution

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words. Fundamentally, the model develops input and output weight matrices, which depends upon the input context words and output target word with the help of a hidden layer. Thus back-propagation is used to update the weights when the error difference between predicted output vector and the current output matrix. Basically speaking, predicting the target word from given context words is used as an equation to obtain the optimal weight matrix for the given data. To answer the second part, it seems a bit complex than just a linear sum.

1. Obtain all the word vectors of context words
2. Average them to find out the hidden layer vector h of size $N \times 1$
3. Obtain the output matrix $syn1$ (`word2vec.c` or `gensim`) which is of size $V \times N$
4. Multiply $syn1$ by h , the resulting vector will be z with size $V \times 1$
5. Compute the probability vector $y = \text{softmax}(z)$ with size $V \times 1$, where the highest probability denotes the one-hot representation of the target word in vocabulary.

V denotes size of vocabulary and N denotes size of embedding vector.

Source : http://cs224d.stanford.edu/lecture_notes/LectureNotes1.pdf

Update: Long short term memory models are currently doing a great work in predicting the next words. [seq2seq] models are explained in [tensorflow tutorial]. There is also a [blog post] about text generation. [seq2seq]:

<https://papers.nips.cc/paper/5346-sequence-to-sequence-learning-with-neural-networks.pdf>; [tensorflow tutorial]:

<https://www.tensorflow.org/tutorials/seq2seq>; [blog post]:

<https://chunml.github.io/ChunML.github.io/project/Creating->

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 UserId="1330" --> Word Count (40)
 UserId="38579" --> Word Count (42)
 UserId="38579" --> Word Count (10)
 UserId="38579" --> Word Count (1)

UserId="38419" Text="For text classification in your case, it can be solved by training a binary classes classification network.
Main steps as follows:

*
1. Training data preparation*

Two classes data are needed, one class contain job ad text, and the other does not contain job ad.

*
2. Building the network*

Building a binary classification network with Keras, Caffe or any other DL library you like.

*
3. Train the network*

Training the network on the data prepared above.

*
4. --> Word Count (24)

UserId="38355" --> Word Count (72)

UserId="37808" --> Word Count (34)

UserId="20372" --> Word Count (196)

UserId="20372" Comment="added 96 characters in body" --> Word Count (215)

UserId="38320" --> Word Count (49)

UserId="14588" --> Word Count (136)

UserId="38583" --> Word Count (75)

UserId="21" Comment="102" --> Word Count (6)

UserId="21" Comment="103" --> Word Count (3)

UserId="38584" --> Word Count (326)

UserId="38584" --> Word Count (7)

UserId="38584" --> Word Count (1)

UserId="132" Comment="added 4 characters in body" --> Word Count (102)

UserId="38589" --> Word Count (124)

UserId="38589" --> Word Count (8)

UserId="38589" --> Word Count (1)

UserId="21" --> Word Count (144)

UserId="37626" --> Word Count (46)

UserId="37626" --> Word Count (12)

UserId="37626" --> Word Count (1)

UserId="17538" Comment="improve phrasing and formatting" --> Word Count (81)

UserId="38584" Comment="Include answers to questions from Sean" --> Word Count (472)

UserId="38096" Comment="added 16 characters in body" --> Word Count (439)

UserId="38593" --> Word Count (102)

UserId="38593" --> Word Count (10)

UserId="38593" --> Word Count (1)

UserId="21" Comment="added 782 characters in body" --> Word Count (268)

UserId="15850" --> Word Count (62)

UserId="38379" --> Word Count (83)

UserId="386" --> Word Count (120)

UserId="386" --> Word Count (11)

UserId="386" --> Word Count (1)

UserId="34028" --> Word Count (159)

UserId="34028" Comment="Added more to asnwer" --> Word Count (216)

UserId="20372" --> Word Count (412)

UserId="18418" --> Word Count (11)

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 UserId="38608" --> Word Count (1)
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 UserId="13618" --> Word Count (7)
 UserId="13618" --> Word Count (1)
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 UserId="37118" Comment="added 224 characters in body" --> Word Count (115)
 UserId="38626" --> Word Count (251)
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 UserId="38626" --> Word Count (1)
 UserId="38581" --> Word Count (857)
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 UserId="38630" --> Word Count (1)
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 UserId="37301" --> Word Count (1)
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 UserId="29575" Comment="Minor grammar" --> Word Count (87)
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 UserId="38673" --> Word Count (15)
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 UserId="33171" --> Word Count (1)
 UserId="38657" --> Word Count (149)
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 UserId="33171" Comment="added 229 characters in body" --> Word Count (397)
 UserId="11097" Comment="added 3 characters in body" --> Word Count (41)
 UserId="38355" --> Word Count (68)
 UserId="31086" --> Word Count (54)
 UserId="38695" --> Word Count (91)
 UserId="38692" --> Word Count (240)
 UserId="1330" --> Word Count (93)
 UserId="33922" --> Word Count (87)
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 UserId="38703" --> Word Count (8)
 UserId="38703" --> Word Count (1)
 UserId="38704" --> Word Count (19)
 UserId="1330" --> Word Count (43)
 UserId="11097" Comment="edited tags" --> Word Count (1)
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 UserId="29575" Comment="Indent code" --> Word Count (169)
 UserId="34028" Comment="Formatting corrections" --> Word Count (136)
 UserId="33922" --> Word Count (110)
 UserId="33922" Comment="added 185 characters in body" --> Word Count (143)
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 UserId="38717" --> Word Count (4)
 UserId="38717" --> Word Count (1)
 UserId="32762" --> Word Count (36)
 UserId="37590" --> Word Count (74)
 UserId="37590" --> Word Count (7)
 UserId="37590" --> Word Count (1)
 UserId="38723" --> Word Count (133)
 UserId="38723" --> Word Count (17)
 UserId="38723" --> Word Count (1)
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 UserId="34165" --> Word Count (55)
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 UserId="37363" Comment="added 101 characters in body" --> Word Count (826)
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 UserId="13155" Comment="added 38 characters in body" --> Word Count (142)
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 UserId="836" --> Word Count (64)
 UserId="836" Comment="added 128 characters in body" --> Word Count (253)
 UserId="34028" Comment="Formatting corrections" --> Word Count (82)
 UserId="34028" Comment="Formatting corrections" --> Word Count (1)
 UserId="34028" --> Word Count (91)
 UserId="34028" --> Word Count (14)
 UserId="34028" --> Word Count (1)
 UserId="34028" Comment="added 8 characters in body" --> Word Count (92)
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UserId="30107" --> Word Count (161)
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 UserId="30107" Comment="Fixed Grammar, tried to convey the meaning of your question in more lucid way. " --> Word Count (144)
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 UserId="21" Comment="102" --> Word Count (2)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="34028" Comment="added 2 characters in body" --> Word Count (92)
 UserId="1154" --> Word Count (190)
 UserId="836" --> Word Count (152)
 UserId="38791" --> Word Count (21)
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 UserId="38791" --> Word Count (1)
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 UserId="38790" --> Word Count (8)
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 UserId="38790" Comment="added 203 characters in body" --> Word Count (224)
 UserId="38791" --> Word Count (184)
 UserId="38791" --> Word Count (8)
 UserId="38791" --> Word Count (1)
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 UserId="38818" --> Word Count (134)
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 UserId="35910" --> Word Count (8)
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 UserId="29575" Comment="Minor formatting" --> Word Count (207)
 UserId="21254" --> Word Count (99)
 UserId="21254" --> Word Count (7)
 UserId="21254" --> Word Count (1)
 UserId="38355" --> Word Count (49)
 UserId="38355" --> Word Count (6)
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 UserId="38657" --> Word Count (29)

UserId="21254" --> Word Count (48)
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 UserId="21254" --> Word Count (1)
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 UserId="29575" Comment="Minor formatting" --> Word Count (132)
 UserId="28658" --> Word Count (113)
 UserId="28658" --> Word Count (7)
 UserId="28658" --> Word Count (1)
 UserId="26243" --> Word Count (80)
 UserId="27768" Comment="Some text cleanup" --> Word Count (41)
 UserId="37924" --> Word Count (82)
 UserId="17484" Comment="added 212 characters in body" --> Word Count (83)
 UserId="37924" --> Word Count (47)
 UserId="37924" --> Word Count (134)
 UserId="38477" --> Word Count (196)
 UserId="38477" --> Word Count (13)
 UserId="38477" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary / format list" --> Word Count (180)
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 UserId="38395" --> Word Count (4)
 UserId="38395" --> Word Count (1)
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 UserId="26329" --> Word Count (258)
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 UserId="26329" --> Word Count (1)
 UserId="34130" --> Word Count (44)
 UserId="17290" --> Word Count (118)
 UserId="14588" --> Word Count (100)
 UserId="14588" Comment="add 1 paragraph" --> Word Count (164)
 UserId="38355" --> Word Count (146)
 UserId="37810" --> Word Count (77)
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 UserId="21" Comment="104" --> Word Count (3)
 UserId="30212" --> Word Count (141)
 UserId="2932" --> Word Count (67)
 UserId="2932" Comment="added 318 characters in body" --> Word Count (144)
 UserId="2932" Comment="removed GPU tag, as there is no reference to GPUs" --> Word Count (1)

UserId="38732" --> Word Count (85)
 UserId="38732" Comment="image reference" --> Word Count (91)
 UserId="1330" Comment="added 15 characters in body" --> Word Count (25)
 UserId="20429" --> Word Count (190)
 UserId="836" --> Word Count (193)
 UserId="14675" --> Word Count (121)
 UserId="836" Comment="Got number of hidden layers wrong from question, but answer still basically correct - updating numbers." --> Word Count (258)
 UserId="38884" --> Word Count (123)
 UserId="38884" Comment="added 11 characters in body" --> Word Count (124)
 UserId="23305" --> Word Count (137)
 UserId="23305" --> Word Count (8)
 UserId="23305" --> Word Count (1)
 UserId="836" Comment="added 896 characters in body" --> Word Count (419)
 UserId="38887" --> Word Count (193)
 UserId="38887" --> Word Count (239)
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 UserId="23305" Comment="added question about saddle point particular to deep learning" --> Word Count (146)
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 UserId="32503" --> Word Count (1)
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 UserId="38377" Comment="added 10 characters in body" --> Word Count (101)
 UserId="38960" --> Word Count (90)
 UserId="38960" --> Word Count (14)
 UserId="38960" --> Word Count (1)
 UserId="35809" Comment="Deleted useless sentences " --> Word Count (99)
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 UserId="108" --> Word Count (188)
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 UserId="33718" --> Word Count (1)
 UserId="13748" --> Word Count (105)
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 UserId="13748" Comment="Grammar and spelling" --> Word Count (34)
 UserId="13748" Comment="Grammar and spelling" --> Word Count (9)
 UserId="35809" Comment="Deleted final thanks" --> Word Count (93)
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 UserId="5380" --> Word Count (6)
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 UserId="5380" Comment="edited body" --> Word Count (138)
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 UserId="38395" --> Word Count (1)
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 UserId="20884" --> Word Count (3)
 UserId="20884" --> Word Count (1)
 UserId="836" --> Word Count (221)
 UserId="1330" --> Word Count (57)
 UserId="1330" --> Word Count (96)
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 UserId="836" Comment="via Vote" --> Word Count (2)
 UserId="30212" --> Word Count (76)
 UserId="836" Comment="added 316 characters in body" --> Word Count (267)
 UserId="836" Comment="added 52 characters in body" --> Word Count (277)
 UserId="836" Comment="added 52 characters in body" --> Word Count (363)
 UserId="836" Comment="added 406 characters in body" --> Word Count (427)
 UserId="836" Comment="added 406 characters in body" --> Word Count (622)
 UserId="836" --> Word Count (2)

UserId="836" Comment="added 158 characters in body" --> Word Count (650)
 UserId="836" Comment="added 158 characters in body" --> Word Count (672)
 UserId="28175" --> Word Count (19)
 UserId="28175" --> Word Count (3)
 UserId="28175" --> Word Count (1)
 UserId="381" --> Word Count (68)
 UserId="33183" --> Word Count (60)
 UserId="33183" --> Word Count (4)
 UserId="33183" --> Word Count (1)
 UserId="381" --> Word Count (39)
 UserId="33510" --> Word Count (93)
 UserId="33510" --> Word Count (9)
 UserId="33510" --> Word Count (1)
 UserId="39107" --> Word Count (46)
 UserId="381" Comment="added 67 characters in body" --> Word Count (48)
 UserId="39109" --> Word Count (262)
 UserId="39109" --> Word Count (8)
 UserId="39109" --> Word Count (1)
 UserId="39110" --> Word Count (70)
 UserId="17310" --> Word Count (81)
 UserId="17310" --> Word Count (11)
 UserId="17310" --> Word Count (1)
 UserId="39112" --> Word Count (89)
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 UserId="17290" --> Word Count (35)
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 UserId="13748" --> Word Count (197)
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 UserId="34028" Comment="Formatting corrections" --> Word Count (7)
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 UserId="39160" --> Word Count (138)
 UserId="30360" --> Word Count (315)
 UserId="30360" --> Word Count (8)
 UserId="30360" --> Word Count (1)
 UserId="39153" Comment="Add keras tag, as this question is about keras." -->
 Word Count (1)
 UserId="843" --> Word Count (135)
 UserId="33812" --> Word Count (76)
 UserId="39179" --> Word Count (116)
 UserId="39179" --> Word Count (4)
 UserId="39179" --> Word Count (1)
 UserId="24885" Comment="typo" --> Word Count (215)
 UserId="39182" --> Word Count (129)
 UserId="39182" --> Word Count (10)
 UserId="39182" --> Word Count (1)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="988" --> Word Count (211)
 UserId="988" --> Word Count (5)
 UserId="988" --> Word Count (1)
 UserId="39189" --> Word Count (224)
 UserId="38917" --> Word Count (455)
 UserId="38917" --> Word Count (6)
 UserId="38917" --> Word Count (1)
 UserId="836" --> Word Count (197)
 UserId="33812" --> Word Count (43)
 UserId="836" Comment="deleted 43 characters in body" --> Word Count (203)
 UserId="836" Comment="added 251 characters in body" --> Word Count (245)
 UserId="836" Comment="added 193 characters in body" --> Word Count (299)
 UserId="39194" --> Word Count (82)
 UserId="39194" --> Word Count (8)
 UserId="39194" --> Word Count (1)
 UserId="39196" --> Word Count (339)
 UserId="39196" --> Word Count (8)
 UserId="39196" --> Word Count (1)
 UserId="37866" --> Word Count (164)
 UserId="37866" --> Word Count (6)
 UserId="37866" --> Word Count (1)
 UserId="1330" --> Word Count (29)
 UserId="39206" --> Word Count (237)
 UserId="39206" --> Word Count (6)
 UserId="39206" --> Word Count (1)
 UserId="39208" --> Word Count (67)
 UserId="39208" Comment="added 213 characters in body" --> Word Count (104)
 UserId="12533" --> Word Count (84)

UserId="12533" --> Word Count (8)
 UserId="12533" --> Word Count (1)
 UserId="39218" --> Word Count (75)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (112)
 UserId="39229" --> Word Count (43)
 UserId="39229" --> Word Count (8)
 UserId="39229" --> Word Count (1)
 UserId="381" Comment="deleted 28 characters in body; edited tags" --> Word Count (40)
 UserId="381" Comment="deleted 28 characters in body; edited tags" --> Word Count (1)
 UserId="29575" Comment="Format Link" --> Word Count (76)
 UserId="29575" Comment="Minor grammar" --> Word Count (121)
 UserId="381" --> Word Count (181)
 UserId="836" Comment="tf.mul deprecated, now it is tf.multiply" --> Word Count (163)
 UserId="33194" --> Word Count (102)
 UserId="33194" --> Word Count (10)
 UserId="33194" --> Word Count (1)
 UserId="35889" --> Word Count (113)
 UserId="35889" --> Word Count (7)
 UserId="35889" --> Word Count (1)
 UserId="20400" --> Word Count (99)
 UserId="20400" --> Word Count (17)
 UserId="20400" --> Word Count (1)
 UserId="39234" --> Word Count (29)
 UserId="39236" --> Word Count (140)
 UserId="39236" --> Word Count (9)
 UserId="39236" --> Word Count (1)
 UserId="20400" Comment="Added explanation as suggested by commenter" --> Word Count (248)
 UserId="14904" --> Word Count (153)
 UserId="14904" --> Word Count (93)
 UserId="39237" --> Word Count (78)
 UserId="28915" --> Word Count (14)
 UserId="8370" --> Word Count (204)
 UserId="9657" Comment="Fixed Formatting " --> Word Count (20)
 UserId="38917" --> Word Count (153)
 UserId="8370" Comment="Corrections" --> Word Count (606)
 UserId="8370" Comment="Corrected Spelling" --> Word Count (606)
 UserId="37808" --> Word Count (300)
 UserId="37808" --> Word Count (12)
 UserId="37808" --> Word Count (1)
 UserId="28038" --> Word Count (157)
 UserId="37808" Comment="added 62 characters in body" --> Word Count (311)
 UserId="39253" --> Word Count (265)
 UserId="38377" --> Word Count (49)
 UserId="38377" --> Word Count (5)

UserId="38377" --> Word Count (1)
 UserId="17310" --> Word Count (88)
 UserId="17310" --> Word Count (7)
 UserId="17310" --> Word Count (1)
 UserId="39258" --> Word Count (219)
 UserId="39258" --> Word Count (6)
 UserId="39258" --> Word Count (1)
 UserId="39253" Comment="I've earned enough reputation to include more than two links, so I've reformatted the answer in the way I originally intended." --> Word Count (197)
 UserId="34153" --> Word Count (60)
 UserId="34153" --> Word Count (145)
 UserId="34153" --> Word Count (40)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (176)
 UserId="39253" --> Word Count (430)
 UserId="39261" --> Word Count (57)
 UserId="39261" --> Word Count (8)
 UserId="39261" --> Word Count (1)
 UserId="14904" --> Word Count (139)
 UserId="-1" Comment="enigma.io has moved to public.enigma.com" --> Word Count (114)
 UserId="39261" Comment="Additional information" --> Word Count (151)
 UserId="37808" Comment="added 22 characters in body" --> Word Count (314)
 UserId="31681" --> Word Count (38)
 UserId="31681" --> Word Count (17)
 UserId="31681" --> Word Count (1)
 UserId="34269" --> Word Count (187)
 UserId="38047" --> Word Count (79)
 UserId="38047" --> Word Count (11)
 UserId="38047" --> Word Count (1)
 UserId="29575" Comment="Minor grammar" --> Word Count (303)
 UserId="29575" Comment="Minor grammar" --> Word Count (12)
 UserId="39274" --> Word Count (76)
 UserId="39208" Comment="added 9 characters in body" --> Word Count (100)
 UserId="39282" --> Word Count (19)
 UserId="39282" --> Word Count (12)
 UserId="39282" --> Word Count (1)
 UserId="39281" --> Word Count (105)
 UserId="39281" --> Word Count (6)
 UserId="39281" --> Word Count (1)
 UserId="17290" --> Word Count (70)
 UserId="17290" --> Word Count (207)
 UserId="39287" --> Word Count (126)
 UserId="39287" --> Word Count (3)
 UserId="39287" --> Word Count (1)
 UserId="38887" --> Word Count (45)
 UserId="39292" --> Word Count (177)
 UserId="39292" --> Word Count (11)

UserId="39292" --> Word Count (1)
 UserId="38887" --> Word Count (130)
 UserId="38887" --> Word Count (133)
 UserId="29575" Comment="Minor formatting" --> Word Count (174)
 UserId="39292" Comment="deleted 9 characters in body" --> Word Count (173)
 UserId="31681" Comment="added 983 characters in body" --> Word Count (214)
 UserId="9657" --> Word Count (158)
 UserId="39300" --> Word Count (24)
 UserId="39300" --> Word Count (8)
 UserId="39300" --> Word Count (1)
 UserId="39292" Comment="added 175 characters in body" --> Word Count (217)
 UserId="39301" --> Word Count (163)
 UserId="39301" --> Word Count (17)
 UserId="39301" --> Word Count (1)
 UserId="39302" --> Word Count (80)
 UserId="18984" --> Word Count (301)
 UserId="18984" --> Word Count (7)
 UserId="18984" --> Word Count (1)
 UserId="39253" Comment="corrected spelling of time series in title" --> Word Count (9)
 UserId="29575" Comment="Add some paragraphs" --> Word Count (161)
 UserId="29575" Comment="Minor grammar" --> Word Count (17)
 UserId="29575" Comment="Minor grammar" --> Word Count (12)
 UserId="-1" --> Word Count (1)
 UserId="39308" --> Word Count (148)
 UserId="39308" Comment="added 9 characters in body" --> Word Count (150)
 UserId="39311" --> Word Count (105)
 UserId="39311" --> Word Count (15)
 UserId="39311" --> Word Count (1)
 UserId="39311" --> Word Count (36)
 UserId="381" --> Word Count (131)
 UserId="20618" --> Word Count (72)
 UserId="20618" --> Word Count (6)
 UserId="20618" --> Word Count (1)
 UserId="28815" Comment="updated with a success story" --> Word Count (237)
 UserId="38887" --> Word Count (462)
 UserId="38887" --> Word Count (108)
 UserId="38887" --> Word Count (179)
 UserId="38887" --> Word Count (145)
 UserId="39319" --> Word Count (69)
 UserId="2515" --> Word Count (92)
 UserId="39325" --> Word Count (216)
 UserId="39325" --> Word Count (12)
 UserId="39325" --> Word Count (1)
 UserId="39328" --> Word Count (37)
 UserId="29575" Comment="Format Code" --> Word Count (81)
 UserId="13748" Comment="Rephrased the question to be more generic instead of dataset-specific. This doesn't invalidate the only existing answer by NixPhix."

--> Word Count (26)
 UserId="13748" Comment="Rephrased the question to be more generic instead of dataset-specific. This doesn't invalidate the only existing answer by NixPhix."
 --> Word Count (6)
 UserId="2515" --> Word Count (455)
 UserId="2515" --> Word Count (252)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="39302" Comment="Added extra information which is more pertinent to the original question " --> Word Count (153)
 UserId="924" --> Word Count (39)
 UserId="2515" --> Word Count (435)
 UserId="27122" --> Word Count (296)
 UserId="27122" --> Word Count (109)
 UserId="27122" --> Word Count (97)
 UserId="27122" --> Word Count (91)
 UserId="27122" --> Word Count (59)
 UserId="27122" Comment="deleted 20 characters in body" --> Word Count (87)
 UserId="27122" Comment="deleted 20 characters in body" --> Word Count (105)
 UserId="27122" --> Word Count (93)
 UserId="27122" Comment="deleted 53 characters in body" --> Word Count (77)
 UserId="29575" Comment="Turn into answer" --> Word Count (94)
 UserId="29575" Comment="Turn into answer" --> Word Count (83)
 UserId="34028" Comment="edited title" --> Word Count (16)
 UserId="27122" Comment="deleted 7 characters in body" --> Word Count (294)
 UserId="39356" --> Word Count (36)
 UserId="39356" --> Word Count (13)
 UserId="39356" --> Word Count (1)
 UserId="10810" --> Word Count (705)
 UserId="10810" --> Word Count (5)
 UserId="10810" --> Word Count (1)
 UserId="10810" Comment="deleted 34 characters in body" --> Word Count (702)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (32)
 UserId="39319" Comment="added 530 characters in body" --> Word Count (155)
 UserId="39363" --> Word Count (56)
 UserId="39363" --> Word Count (5)
 UserId="39363" --> Word Count (1)
 UserId="39319" Comment="added 269 characters in body" --> Word Count (185)
 UserId="836" --> Word Count (168)
 UserId="22012" Comment="added 4 characters in body" --> Word Count (80)
 UserId="14904" --> Word Count (86)
 UserId="39378" --> Word Count (73)
 UserId="39378" --> Word Count (7)
 UserId="39378" --> Word Count (1)
 UserId="29217" --> Word Count (22)
 UserId="30884" --> Word Count (79)
 UserId="30884" --> Word Count (7)
 UserId="30884" --> Word Count (1)
 UserId="25320" --> Word Count (190)

UserId="25320" --> Word Count (6)
 UserId="25320" --> Word Count (1)
 UserId="39391" --> Word Count (64)
 UserId="39391" --> Word Count (6)
 UserId="39391" --> Word Count (1)
 UserId="39391" Comment="edited tags" --> Word Count (1)
 UserId="29575" Comment="Minor grammar" --> Word Count (55)
 UserId="30884" Comment="Update the link" --> Word Count (79)
 UserId="29575" Comment="Add paragraphs" --> Word Count (62)
 UserId="26173" --> Word Count (184)
 UserId="8820" Comment="formatting" --> Word Count (214)
 UserId="22012" Comment="added 304 characters in body" --> Word Count (120)
 UserId="8285" --> Word Count (274)
 UserId="8285" --> Word Count (12)
 UserId="8285" --> Word Count (1)
 UserId="16050" --> Word Count (130)
 UserId="16050" --> Word Count (15)
 UserId="16050" --> Word Count (1)
 UserId="39331" --> Word Count (30)
 UserId="39331" --> Word Count (6)
 UserId="39331" --> Word Count (1)
 UserId="37986" --> Word Count (40)
 UserId="37986" --> Word Count (6)
 UserId="37986" --> Word Count (1)
 UserId="23708" --> Word Count (33)
 UserId="39423" --> Word Count (74)
 UserId="39423" --> Word Count (14)
 UserId="39423" --> Word Count (1)
 UserId="924" --> Word Count (20)
 UserId="924" --> Word Count (41)
 UserId="11097" Comment="added 8 characters in body" --> Word Count (90)
 UserId="29217" Comment="added 187 characters in body" Text="Do you have/know python pandas? An easy why would be too load it into pandas and do the modifications there. 

df=pd.read(excel)

AFTER Comment 

OR:

You can rename columns in SQL with AS - if that is possible with your SAP import. To create a (semi-) automated Logic should be easy with a decent --> Word Count (1)
 UserId="39425" --> Word Count (118)
 UserId="39425" --> Word Count (4)
 UserId="39425" --> Word Count (1)
 UserId="8113" Comment="deleted 1 character in body" --> Word Count (92)
 UserId="836" --> Word Count (612)
 UserId="836" Comment="added 231 characters in body" --> Word Count (714)
 UserId="836" Comment="added 66 characters in body" --> Word Count (724)
 UserId="836" --> Word Count (216)
 UserId="29217" --> Word Count (65)
 UserId="29217" --> Word Count (5)

UserId="29217" --> Word Count (1)
 UserId="24895" --> Word Count (37)
 UserId="33600" --> Word Count (24)
 UserId="39437" Comment="follow-up question" --> Word Count (234)
 UserId="39440" --> Word Count (24)
 UserId="39440" --> Word Count (9)
 UserId="39440" --> Word Count (1)
 UserId="23305" Comment="added 1 character in body; edited title" --> Word Count (24)
 UserId="23305" Comment="added 1 character in body; edited title" --> Word Count (9)
 UserId="39442" --> Word Count (81)
 UserId="28915" --> Word Count (176)
 UserId="28915" --> Word Count (12)
 UserId="28915" --> Word Count (1)
 UserId="15527" --> Word Count (15)
 UserId="39081" --> Word Count (126)
 UserId="39081" --> Word Count (8)
 UserId="39081" --> Word Count (1)
 UserId="35596" --> Word Count (114)
 UserId="35596" Comment="add related" --> Word Count (124)
 UserId="13100" --> Word Count (27)
 UserId="13100" --> Word Count (8)
 UserId="13100" --> Word Count (1)
 UserId="39461" --> Word Count (184)
 UserId="39461" --> Word Count (10)
 UserId="39461" --> Word Count (1)
 UserId="381" --> Word Count (105)
 UserId="29644" --> Word Count (214)
 UserId="836" --> Word Count (96)
 UserId="836" Comment="added 546 characters in body" --> Word Count (193)
 UserId="836" Comment="added 471 characters in body" --> Word Count (277)
 UserId="836" Comment="added 18 characters in body" --> Word Count (279)
 UserId="29644" Comment="added 5 characters in body" --> Word Count (214)
 UserId="39465" --> Word Count (295)
 UserId="39465" --> Word Count (8)
 UserId="39465" --> Word Count (1)
 UserId="35596" Comment="minor bullet point format" --> Word Count (216)
 UserId="39468" --> Word Count (152)
 UserId="39468" --> Word Count (11)
 UserId="39468" --> Word Count (1)
 UserId="39468" Comment="grammar" --> Word Count (153)
 UserId="30212" --> Word Count (70)
 UserId="30212" --> Word Count (182)
 UserId="30212" Comment="grammar/spelling" --> Word Count (153)
 UserId="30212" Comment="deleted 8 characters in body" --> Word Count (180)
 UserId="13748" --> Word Count (71)
 UserId="18249" --> Word Count (147)

UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="9299" --> Word Count (28)
 UserId="1330" --> Word Count (68)
 UserId="1330" --> Word Count (41)
 UserId="1330" --> Word Count (13)
 UserId="1330" --> Word Count (43)
 UserId="13748" Comment="More descriptive title" --> Word Count (297)
 UserId="13748" Comment="More descriptive title" --> Word Count (7)
 UserId="39198" --> Word Count (96)
 UserId="39198" --> Word Count (7)
 UserId="39198" --> Word Count (1)
 UserId="39007" --> Word Count (133)
 UserId="13748" Comment="added 96 characters in body" --> Word Count (11)
 UserId="13748" Comment="added 242 characters in body" --> Word Count (21)
 UserId="13748" Comment="added 71 characters in body" --> Word Count (8)
 UserId="39483" --> Word Count (438)
 UserId="39483" --> Word Count (8)
 UserId="39483" --> Word Count (1)
 UserId="2515" --> Word Count (493)
 UserId="13748" --> Word Count (126)
 UserId="34028" --> Word Count (66)
 UserId="39234" --> Word Count (117)
 UserId="39488" --> Word Count (27)
 UserId="39488" --> Word Count (138)
 UserId="39490" --> Word Count (153)
 UserId="39490" --> Word Count (2)
 UserId="39490" --> Word Count (1)
 UserId="39490" Comment="added 5 characters in body" --> Word Count (154)
 UserId="39501" --> Word Count (315)
 UserId="39501" --> Word Count (9)
 UserId="39501" --> Word Count (1)
 UserId="13748" Comment="Formatted posted data and removed "thanks"" --> Word Count (479)
 UserId="39477" --> Word Count (370)
 UserId="39477" --> Word Count (6)
 UserId="39477" --> Word Count (1)
 UserId="11097" Comment="deleted 14 characters in body" --> Word Count (313)
 UserId="39508" --> Word Count (34)
 UserId="39117" --> Word Count (169)
 UserId="39117" --> Word Count (7)
 UserId="39117" --> Word Count (1)
 UserId="39117" Comment="added 25 characters in body" --> Word Count (174)
 UserId="35596" Comment="add reference" --> Word Count (173)
 UserId="14909" --> Word Count (185)
 UserId="14909" --> Word Count (4)

UserId="14909" --> Word Count (1)
UserId="30212" --> Word Count (52)
UserId="39508" --> Word Count (89)
UserId="24895" --> Word Count (129)
UserId="39508" --> Word Count (87)
UserId="39501" Comment="added 492 characters in body" --> Word Count (385)
UserId="39513" --> Word Count (61)
UserId="39513" --> Word Count (7)
UserId="39513" --> Word Count (1)
UserId="29575" Comment="Minor grammar" --> Word Count (62)
UserId="39513" Comment="corrected gramar." --> Word Count (61)
UserId="28175" --> Word Count (164)
UserId="28175" --> Word Count (11)
UserId="28175" --> Word Count (1)
UserId="35596" Comment="add reference to jupyterlab" --> Word Count (80)
UserId="34165" --> Word Count (96)
UserId="34165" --> Word Count (13)
UserId="34165" --> Word Count (1)
UserId="31086" --> Word Count (116)
UserId="381" --> Word Count (80)
UserId="381" Comment="via Vote" --> Word Count (1)
UserId="1330" --> Word Count (48)
UserId="1330" --> Word Count (69)
UserId="28175" Comment="added 167 characters in body" --> Word Count (187)
UserId="34165" Comment="edited body" --> Word Count (105)
UserId="836" --> Word Count (169)
UserId="39533" --> Word Count (101)
UserId="39533" --> Word Count (5)
UserId="39533" --> Word Count (1)
UserId="39533" Comment="edited tags" --> Word Count (1)
UserId="381" Comment="deleted 149 characters in body" --> Word Count (87)
UserId="381" --> Word Count (1)
UserId="39534" --> Word Count (72)
UserId="39534" --> Word Count (2)
UserId="39534" --> Word Count (1)
UserId="39529" --> Word Count (604)
UserId="39529" --> Word Count (17)
UserId="39529" --> Word Count (1)
UserId="20492" --> Word Count (381)
UserId="20492" Comment="via Vote" --> Word Count (1)
UserId="29575" Comment="Minor grammar" --> Word Count (71)
UserId="20492" --> Word Count (1)
UserId="20492" Comment="added 853 characters in body" --> Word Count (745)
UserId="2515" Comment="deleted 4 characters in body" --> Word Count (492)
UserId="16338" --> Word Count (35)
UserId="2515" --> Word Count (177)
UserId="39538" --> Word Count (54)
UserId="39529" Comment="corrected spelling" --> Word Count (604)

UserId="23305" Comment="edited body" --> Word Count (26)
 UserId="2515" Comment="added 5882 characters in body" --> Word Count (1274)
 UserId="33738" --> Word Count (87)
 UserId="39553" --> Word Count (74)
 UserId="39553" --> Word Count (7)
 UserId="39553" --> Word Count (1)
 UserId="836" Comment="added 213 characters in body" --> Word Count (250)
 UserId="39508" --> Word Count (36)
 UserId="39513" --> Word Count (94)
 UserId="39513" --> Word Count (8)
 UserId="39513" --> Word Count (1)
 UserId="39564" --> Word Count (69)
 UserId="39564" --> Word Count (8)
 UserId="39564" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (73)
 UserId="1330" Text="Grouping related tokens is called [text normalization][1].
 

There is not an established Python package that does this.
 You could create a [custom dictionary][2] or write [a function to rewrite the
 tokens][3].


 [1]: <https://en.wikipedia.org/wiki/>
 --> Word Count (7)
 UserId="28915" --> Word Count (527)
 UserId="28915" --> Word Count (13)
 UserId="28915" --> Word Count (1)
 UserId="39261" --> Word Count (57)
 UserId="39261" --> Word Count (7)
 UserId="39261" --> Word Count (1)
 UserId="836" Comment="Transferring conversation from comments and tidying up to
 make question more presentable" --> Word Count (306)
 UserId="836" Comment="Transferring conversation from comments and tidying up to
 make question more presentable" --> Word Count (11)
 UserId="836" Comment="Transferring conversation from comments and tidying up to
 make question more presentable" --> Word Count (1)
 UserId="39490" Comment="edited title" --> Word Count (11)
 UserId="836" Comment="Oops, typo in value" --> Word Count (306)
 UserId="836" --> Word Count (677)
 UserId="836" Comment="deleted 10 characters in body" --> Word Count (674)
 UserId="39577" --> Word Count (81)
 UserId="39577" --> Word Count (9)
 UserId="39577" --> Word Count (1)
 UserId="381" Comment="deleted 3 characters in body" --> Word Count (87)
 UserId="381" Comment="deleted 20 characters in body" --> Word Count (83)
 UserId="39580" --> Word Count (56)
 UserId="39580" --> Word Count (10)
 UserId="39580" --> Word Count (1)
 UserId="25429" --> Word Count (57)
 UserId="25429" --> Word Count (5)
 UserId="25429" --> Word Count (1)
 UserId="29575" Comment="Format list" --> Word Count (78)

UserId="39599" --> Word Count (111)
UserId="39599" --> Word Count (9)
UserId="39599" --> Word Count (1)
UserId="39600" --> Word Count (144)
UserId="39600" --> Word Count (14)
UserId="39600" --> Word Count (1)
UserId="13748" --> Word Count (71)
UserId="836" --> Word Count (138)
UserId="39601" --> Word Count (105)
UserId="39601" --> Word Count (5)
UserId="39601" --> Word Count (1)
UserId="836" --> Word Count (142)
UserId="836" Comment="added 428 characters in body" --> Word Count (217)
UserId="23614" --> Word Count (129)
UserId="23614" --> Word Count (7)
UserId="23614" --> Word Count (1)
UserId="23614" Comment="add dataset name" --> Word Count (138)
UserId="39613" --> Word Count (89)
UserId="39613" --> Word Count (8)
UserId="39613" --> Word Count (1)
UserId="201" --> Word Count (112)
UserId="201" --> Word Count (9)
UserId="201" --> Word Count (1)
UserId="39501" Comment="The point could be made more explicitly." --> Word Count (388)
UserId="39501" Comment="The point could be made more explicitly." --> Word Count (9)
UserId="21" --> Word Count (108)
UserId="201" --> Word Count (169)
UserId="201" --> Word Count (5)
UserId="201" --> Word Count (1)
UserId="38892" --> Word Count (54)
UserId="39620" --> Word Count (208)
UserId="39620" --> Word Count (5)
UserId="39620" --> Word Count (1)
UserId="8820" --> Word Count (199)
UserId="201" --> Word Count (669)
UserId="201" --> Word Count (11)
UserId="201" --> Word Count (1)
UserId="30567" --> Word Count (65)
UserId="39624" --> Word Count (105)
UserId="18903" --> Word Count (43)
UserId="29575" --> Word Count (113)
UserId="924" --> Word Count (70)
UserId="18249" Comment="Put code in blocks" --> Word Count (151)
UserId="39640" --> Word Count (193)
UserId="39640" --> Word Count (7)
UserId="39640" --> Word Count (1)

UserId="29575" Comment="Revive Question" --> Word Count (190)
 UserId="29575" Comment="Revive Question" --> Word Count (5)
 UserId="28317" --> Word Count (59)
 UserId="28317" --> Word Count (3)
 UserId="28317" --> Word Count (1)
 UserId="18249" --> Word Count (69)
 UserId="18249" Comment="added 52 characters in body" --> Word Count (90)
 UserId="18249" Comment="deleted 44 characters in body" --> Word Count (82)
 UserId="38418" --> Word Count (169)
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 UserId="38418" --> Word Count (1)
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 UserId="39656" --> Word Count (5)
 UserId="39656" --> Word Count (1)
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 UserId="39661" --> Word Count (16)
 UserId="39661" --> Word Count (1)
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 UserId="28175" --> Word Count (1)
 UserId="39656" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="deleted 4 characters in body" --> Word Count (25)
 UserId="30212" --> Word Count (45)
 UserId="11080" --> Word Count (43)
 UserId="11080" --> Word Count (24)
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 UserId="39664" --> Word Count (14)
 UserId="39664" --> Word Count (1)
 UserId="38657" --> Word Count (287)
 UserId="10216" --> Word Count (31)
 UserId="38657" Comment="added 3 characters in body" --> Word Count (288)
 UserId="836" --> Word Count (564)
 UserId="38657" Comment="added 135 characters in body" --> Word Count (300)
 UserId="38054" --> Word Count (101)
 UserId="38054" --> Word Count (4)
 UserId="38054" --> Word Count (1)
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 UserId="30335" --> Word Count (9)
 UserId="30335" --> Word Count (1)
 UserId="38054" Comment="added 1645 characters in body" --> Word Count (310)
 UserId="32640" --> Word Count (114)
 UserId="32640" --> Word Count (6)
 UserId="32640" --> Word Count (1)
 UserId="38054" Comment="added 4 characters in body" --> Word Count (310)
 UserId="38054" Comment="edited tags" --> Word Count (1)
 UserId="29575" Comment="Minor grammar" --> Word Count (413)

UserId="29575" Comment="Minor grammar" --> Word Count (599)
 UserId="29575" Comment="Minor grammar" --> Word Count (169)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (217)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (3)
 UserId="381" --> Word Count (50)
 UserId="381" Comment="deleted 3 characters in body" --> Word Count (50)
 UserId="29575" Comment="Minor grammar" --> Word Count (76)
 UserId="29575" Comment="Minor grammar" --> Word Count (11)
 UserId="34089" --> Word Count (91)
 UserId="34089" --> Word Count (6)
 UserId="34089" --> Word Count (1)
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 UserId="836" --> Word Count (16)
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 UserId="34036" --> Word Count (1)
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 UserId="34089" Comment="note a doc caveat" --> Word Count (103)
 UserId="14675" --> Word Count (142)
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 UserId="7812" --> Word Count (8)
 UserId="7812" --> Word Count (1)
 UserId="18574" --> Word Count (128)
 UserId="11097" Comment="added 243 characters in body" --> Word Count (114)
 UserId="39640" --> Word Count (36)
 UserId="39640" Comment="added 263 characters in body" --> Word Count (213)
 UserId="39640" Comment="deleted 21 characters in body" --> Word Count (212)
 UserId="14675" Comment="added 3 characters in body" --> Word Count (142)
 UserId="14675" Comment="added 71 characters in body" --> Word Count (153)
 UserId="39135" --> Word Count (44)
 UserId="39135" Text="Classification engine with multiple" --> Word Count (3)
 UserId="39135" --> Word Count (1)
 UserId="836" --> Word Count (209)
 UserId="37330" --> Word Count (67)
 UserId="35503" --> Word Count (45)
 UserId="35503" --> Word Count (15)
 UserId="35503" --> Word Count (1)
 UserId="25183" --> Word Count (85)
 UserId="25183" --> Word Count (12)
 UserId="25183" --> Word Count (1)
 UserId="21" Comment="103" --> Word Count (2)
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 UserId="4868" --> Word Count (55)
 UserId="39135" Comment="added 559 characters in body" --> Word Count (203)
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 UserId="39706" --> Word Count (8)
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 UserId="39663" --> Word Count (6)

UserId="35454" --> Word Count (365)
 UserId="35454" --> Word Count (7)
 UserId="35454" --> Word Count (1)
 UserId="39663" --> Word Count (10)
 UserId="39708" --> Word Count (85)
 UserId="30212" --> Word Count (79)
 UserId="28175" Comment="edited body" --> Word Count (25)
 UserId="29575" Comment="Minor grammar" --> Word Count (83)
 UserId="14675" Comment="Minor grammar" --> Word Count (83)
 UserId="11007" Comment="added 2 characters in body" --> Word Count (26)
 UserId="39715" --> Word Count (238)
 UserId="39715" --> Word Count (11)
 UserId="39715" --> Word Count (1)
 UserId="836" --> Word Count (279)
 UserId="836" Comment="added 110 characters in body" --> Word Count (301)
 UserId="39722" --> Word Count (284)
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 UserId="9003" --> Word Count (6)
 UserId="9003" --> Word Count (1)
 UserId="23759" --> Word Count (490)
 UserId="33237" --> Word Count (190)
 UserId="23759" Comment="added 154 characters in body" --> Word Count (502)
 UserId="23759" Comment="added 4 characters in body" --> Word Count (502)
 UserId="23759" Comment="added 4 characters in body" --> Word Count (502)
 UserId="836" Comment="deleted 48 characters in body" --> Word Count (217)
 UserId="39733" --> Word Count (43)
 UserId="39733" --> Word Count (8)
 UserId="39733" --> Word Count (1)
 UserId="2515" --> Word Count (360)
 UserId="39738" --> Word Count (119)
 UserId="39738" --> Word Count (14)
 UserId="39738" --> Word Count (1)
 UserId="39741" --> Word Count (79)
 UserId="39741" --> Word Count (7)
 UserId="39741" --> Word Count (1)
 UserId="39729" Comment="Added an official reference" --> Word Count (85)
 UserId="471" Comment="deleted 1 character in body" --> Word Count (79)
 UserId="836" --> Word Count (147)
 UserId="39653" --> Word Count (21)
 UserId="39733" Comment="added 521 characters in body; added 1 character in body; added 4 characters in body" --> Word Count (129)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (272)
 UserId="9123" --> Word Count (72)
 UserId="14994" Comment="the link was incorrect" --> Word Count (120)
 UserId="24000" Comment="Reformatted" --> Word Count (136)
 UserId="39755" --> Word Count (66)
 UserId="39755" --> Word Count (19)
 UserId="39755" --> Word Count (1)

UserId="21" Comment="104" --> Word Count (3)
 UserId="25755" Comment="Added another caveat of LASSO: ignoring nonlinearity"
 --> Word Count (236)
 UserId="27983" --> Word Count (52)
 UserId="39756" --> Word Count (78)
 UserId="39756" --> Word Count (6)
 UserId="39756" --> Word Count (1)
 UserId="39757" --> Word Count (61)
 UserId="37986" --> Word Count (33)
 UserId="37986" --> Word Count (8)
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 UserId="38145" --> Word Count (49)
 UserId="38145" --> Word Count (5)
 UserId="38145" --> Word Count (1)
 UserId="38145" --> Word Count (253)
 UserId="38145" --> Word Count (9)
 UserId="836" Comment="The links were in fact swapped originally, so this
 completes the previous edit :-)" --> Word Count (120)
 UserId="37626" --> Word Count (54)
 UserId="14070" --> Word Count (260)
 UserId="14070" --> Word Count (3)
 UserId="14070" --> Word Count (1)
 UserId="27983" --> Word Count (175)
 UserId="27983" --> Word Count (153)
 UserId="27983" --> Word Count (6)
 UserId="27983" --> Word Count (1)
 UserId="29575" Comment="Minor grammar" --> Word Count (66)
 UserId="29575" Comment="Minor grammar" --> Word Count (69)
 UserId="25183" Comment="deleted 80 characters in body; edited tags" --> Word
 Count (68)
 UserId="25183" Comment="deleted 80 characters in body; edited tags" --> Word
 Count (1)
 UserId="31188" --> Word Count (38)
 UserId="39767" --> Word Count (175)
 UserId="39767" --> Word Count (13)
 UserId="39767" --> Word Count (1)
 UserId="39716" --> Word Count (31)
 UserId="29575" Comment="Format quote" --> Word Count (32)
 UserId="122" --> Word Count (140)
 UserId="122" --> Word Count (7)
 UserId="122" --> Word Count (1)
 UserId="39513" --> Word Count (146)
 UserId="27983" Comment="corrected spelling" --> Word Count (153)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (53)
 UserId="29575" Comment="Minor formatting" --> Word Count (70)
 UserId="29575" Comment="Add paragraphs" --> Word Count (256)
 UserId="39135" Comment="added 955 characters in body" --> Word Count (398)
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UserId="11097" --> Word Count (1)
UserId="-1" --> Word Count (1)
UserId="39135" Comment="added 193 characters in body" --> Word Count (433)
UserId="836" Comment="added 19 characters in body" --> Word Count (475)
UserId="836" Comment="added 19 characters in body" --> Word Count (1)
UserId="836" Comment="added 167 characters in body" --> Word Count (86)
UserId="11097" Comment="deleted 2 characters in body" --> Word Count (86)
UserId="25104" --> Word Count (97)
UserId="34036" --> Word Count (134)
UserId="34036" --> Word Count (5)
UserId="34036" --> Word Count (1)
UserId="17538" --> Word Count (87)
UserId="38145" --> Word Count (95)
UserId="38145" Comment="added 1245 characters in body" --> Word Count (194)
UserId="25183" Comment="edited title" --> Word Count (9)
UserId="37739" Text=" --> Word Count (222)
UserId="37739" Text=" --> Word Count (5)
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UserId="37059" --> Word Count (331)
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UserId="24235" --> Word Count (9)
UserId="24235" --> Word Count (1)
UserId="14904" --> Word Count (35)
UserId="24235" Comment="edited title" --> Word Count (9)
UserId="29217" --> Word Count (32)
UserId="39760" --> Word Count (87)
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UserId="33338" --> Word Count (76)
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UserId="33338" --> Word Count (1)
UserId="8875" --> Word Count (50)
UserId="8875" --> Word Count (9)
UserId="8875" --> Word Count (1)
UserId="37059" Comment="added 226 characters in body" --> Word Count (371)
UserId="29575" Comment="Remove extra commentary" --> Word Count (83)
UserId="1330" --> Word Count (60)
UserId="924" --> Word Count (54)
UserId="39513" --> Word Count (121)
UserId="39811" --> Word Count (123)
UserId="39513" Comment="Improved grammar." --> Word Count (165)
UserId="843" --> Word Count (108)
UserId="31270" --> Word Count (347)
UserId="31270" --> Word Count (14)
UserId="31270" --> Word Count (1)

UserId="39814" --> Word Count (134)
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 UserId="39814" --> Word Count (1)
 UserId="21" --> Word Count (4)
 UserId="39815" --> Word Count (59)
 UserId="836" --> Word Count (347)
 UserId="38145" --> Word Count (226)
 UserId="39827" --> Word Count (59)
 UserId="39827" --> Word Count (11)
 UserId="39827" --> Word Count (1)
 UserId="38145" --> Word Count (16)
 UserId="38145" --> Word Count (139)
 UserId="37484" --> Word Count (90)
 UserId="37484" --> Word Count (6)
 UserId="37484" --> Word Count (1)
 UserId="14913" --> Word Count (210)
 UserId="38145" --> Word Count (76)
 UserId="39442" --> Word Count (120)
 UserId="39442" --> Word Count (10)
 UserId="39442" --> Word Count (1)
 UserId="30212" --> Word Count (16)
 UserId="39845" --> Word Count (60)
 UserId="39845" --> Word Count (131)
 UserId="1330" Comment="added 4 characters in body" --> Word Count (60)
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 UserId="39851" --> Word Count (96)
 UserId="39851" --> Word Count (7)
 UserId="39851" --> Word Count (1)
 UserId="39513" Comment="Fixed grammar." --> Word Count (717)
 UserId="19161" --> Word Count (89)
 UserId="39513" Comment="deleted 10 characters in body" --> Word Count (715)
 UserId="39854" --> Word Count (185)
 UserId="39854" --> Word Count (11)
 UserId="39854" --> Word Count (1)
 UserId="39859" --> Word Count (30)
 UserId="39859" --> Word Count (15)
 UserId="39859" --> Word Count (1)
 UserId="14357" --> Word Count (65)
 UserId="14357" --> Word Count (11)
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 UserId="39645" --> Word Count (3)
 UserId="39645" --> Word Count (1)
 UserId="9123" --> Word Count (102)
 UserId="39569" --> Word Count (119)
 UserId="39569" --> Word Count (9)
 UserId="39569" --> Word Count (1)

UserId="12942" --> Word Count (47)
 UserId="12942" Comment="added 674 characters in body" --> Word Count (136)
 UserId="18375" --> Word Count (87)
 UserId="29575" Comment="Format list" --> Word Count (172)
 UserId="27983" Comment="Format list" --> Word Count (172)
 UserId="30392" --> Word Count (32)
 UserId="39896" --> Word Count (154)
 UserId="39896" --> Word Count (11)
 UserId="39896" --> Word Count (1)
 UserId="836" Comment="added 28 characters in body" --> Word Count (154)
 UserId="836" --> Word Count (170)
 UserId="29575" Comment="Minor grammar" --> Word Count (87)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="39902" --> Word Count (49)
 UserId="39902" --> Word Count (5)
 UserId="39902" --> Word Count (1)
 UserId="13727" --> Word Count (202)
 UserId="39223" --> Word Count (138)
 UserId="39223" --> Word Count (8)
 UserId="39223" --> Word Count (1)
 UserId="39223" Comment="typo" --> Word Count (138)
 UserId="39223" Comment="added experimental results" --> Word Count (149)
 UserId="39918" --> Word Count (44)
 UserId="17959" --> Word Count (33)
 UserId="39920" --> Word Count (115)
 UserId="39223" Comment="added results" --> Word Count (167)
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 UserId="39922" --> Word Count (10)
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 UserId="39853" --> Word Count (260)
 UserId="38887" --> Word Count (128)
 UserId="38887" --> Word Count (10)
 UserId="38887" --> Word Count (1)
 UserId="38887" Comment="added clarification" --> Word Count (154)
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 UserId="39929" --> Word Count (3)
 UserId="39929" --> Word Count (1)
 UserId="14675" --> Word Count (182)
 UserId="39198" --> Word Count (125)
 UserId="39929" Comment="added 92 characters in body" --> Word Count (60)
 UserId="39929" Comment="added 119 characters in body" --> Word Count (80)
 UserId="29575" Comment="Clarify Question" --> Word Count (100)
 UserId="29575" Comment="Clarify Question" --> Word Count (7)
 UserId="29575" Comment="Minor formatting" --> Word Count (44)
 UserId="836" Comment="deleted 3 characters in body" --> Word Count (72)
 UserId="836" --> Word Count (120)
 UserId="836" Comment="edited title" --> Word Count (7)
 UserId="39929" Comment="added 142 characters in body" --> Word Count (89)

UserId="29026" --> Word Count (90)
 UserId="39929" Comment="added 79 characters in body" --> Word Count (110)
 UserId="29026" Comment="Fixed a mistake" --> Word Count (92)
 UserId="2781" Comment="removed data sample" --> Word Count (238)
 UserId="2781" Comment="removed data sample" --> Word Count (1)
 UserId="29026" Comment="typo" --> Word Count (91)
 UserId="30212" --> Word Count (64)
 UserId="29575" Comment="Remove material added after question answered" --> Word Count (72)
 UserId="39941" --> Word Count (88)
 UserId="39941" --> Word Count (8)
 UserId="39941" --> Word Count (1)
 UserId="39941" Comment="added 84 characters in body" --> Word Count (98)
 UserId="10216" --> Word Count (85)
 UserId="39533" --> Word Count (94)
 UserId="39533" --> Word Count (9)
 UserId="39533" --> Word Count (1)
 UserId="39945" --> Word Count (80)
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 UserId="39945" --> Word Count (1)
 UserId="39223" Comment="deleted 171 characters in body" --> Word Count (154)
 UserId="39949" --> Word Count (52)
 UserId="39949" --> Word Count (5)
 UserId="39949" --> Word Count (1)
 UserId="39814" --> Word Count (92)
 UserId="16220" --> Word Count (63)
 UserId="30335" --> Word Count (221)
 UserId="30335" --> Word Count (16)
 UserId="30335" --> Word Count (1)
 UserId="39949" Comment="deleted 15 characters in body" --> Word Count (50)
 UserId="836" --> Word Count (135)
 UserId="18375" --> Word Count (172)
 UserId="836" Comment="added 273 characters in body" --> Word Count (177)
 UserId="836" Comment="deleted 78 characters in body" --> Word Count (166)
 UserId="836" Comment="deleted 78 characters in body" --> Word Count (200)
 UserId="836" Comment="added 17 characters in body" --> Word Count (204)
 UserId="28611" Comment="added a bit more explanation" --> Word Count (185)
 UserId="30712" --> Word Count (802)
 UserId="30712" --> Word Count (13)
 UserId="30712" --> Word Count (1)
 UserId="39929" --> Word Count (54)
 UserId="39929" --> Word Count (8)
 UserId="39929" --> Word Count (1)
 UserId="39963" --> Word Count (43)
 UserId="17558" --> Word Count (53)
 UserId="17558" --> Word Count (8)
 UserId="17558" --> Word Count (1)
 UserId="39965" --> Word Count (226)

UserId="39965" --> Word Count (18)
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 UserId="12942" --> Word Count (78)
 UserId="39974" --> Word Count (199)
 UserId="39974" --> Word Count (3)
 UserId="39974" --> Word Count (1)
 UserId="39982" --> Word Count (62)
 UserId="39982" --> Word Count (4)
 UserId="39982" --> Word Count (1)
 UserId="28175" --> Word Count (142)
 UserId="28175" --> Word Count (4)
 UserId="28175" --> Word Count (1)
 UserId="15946" Comment="Shorten the question for better readability" --> Word Count (170)
 UserId="29575" Comment="Format list" --> Word Count (43)
 UserId="39706" --> Word Count (37)
 UserId="39706" --> Word Count (9)
 UserId="39706" --> Word Count (1)
 UserId="39993" --> Word Count (76)
 UserId="39993" --> Word Count (9)
 UserId="39993" --> Word Count (1)
 UserId="39992" --> Word Count (454)
 UserId="39992" --> Word Count (11)
 UserId="39992" --> Word Count (1)
 UserId="30212" --> Word Count (59)
 UserId="18375" --> Word Count (162)
 UserId="18375" Comment="spelling fix" --> Word Count (141)
 UserId="18375" Comment="spelling fix" --> Word Count (4)
 UserId="30212" --> Word Count (128)
 UserId="12942" Comment="deleted 3 characters in body" --> Word Count (77)
 UserId="31731" --> Word Count (43)
 UserId="31731" --> Word Count (11)
 UserId="31731" --> Word Count (1)
 UserId="12942" --> Word Count (87)
 UserId="30712" --> Word Count (19)
 UserId="18375" Comment="add some points from the comments" --> Word Count (224)
 UserId="40002" --> Word Count (162)
 UserId="40002" --> Word Count (10)
 UserId="40002" --> Word Count (1)
 UserId="40003" --> Word Count (64)
 UserId="40003" --> Word Count (14)
 UserId="40003" --> Word Count (1)
 UserId="29026" Comment="explained more about the advantage of this approach" --> Word Count (124)
 UserId="836" --> Word Count (329)
 UserId="836" Comment="added 9 characters in body" --> Word Count (352)
 UserId="836" Comment="added 9 characters in body" --> Word Count (454)
 UserId="836" Comment="added 9 characters in body" --> Word Count (498)

UserId="40008" --> Word Count (39)
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 UserId="40008" --> Word Count (1)
 UserId="1330" --> Word Count (83)
 UserId="40016" --> Word Count (153)
 UserId="40016" --> Word Count (10)
 UserId="40016" --> Word Count (1)
 UserId="29575" Comment="Add images" --> Word Count (120)
 UserId="40016" Comment="added 4 characters in body" --> Word Count (133)
 UserId="40016" Comment="edited body" --> Word Count (133)
 UserId="40020" --> Word Count (52)
 UserId="40020" --> Word Count (10)
 UserId="40020" --> Word Count (1)
 UserId="40020" Comment="edited title" --> Word Count (10)
 UserId="14904" --> Word Count (126)
 UserId="40026" --> Word Count (1441)
 UserId="40026" --> Word Count (14)
 UserId="40026" --> Word Count (1)
 UserId="10216" --> Word Count (142)
 UserId="27916" --> Word Count (59)
 UserId="27916" --> Word Count (9)
 UserId="27916" --> Word Count (1)
 UserId="10216" --> Word Count (101)
 UserId="14048" --> Word Count (42)
 UserId="14048" --> Word Count (8)
 UserId="14048" --> Word Count (1)
 UserId="11097" Comment="Removed broken link. Added original name of paper" -->
 Word Count (479)
 UserId="19212" --> Word Count (226)
 UserId="30107" --> Word Count (103)
 UserId="30107" --> Word Count (104)
 UserId="29026" Comment="added 3 characters in body" --> Word Count (124)
 UserId="40030" --> Word Count (133)
 UserId="40030" --> Word Count (5)
 UserId="40030" --> Word Count (1)
 UserId="14904" --> Word Count (263)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (101)
 UserId="39752" --> Word Count (126)
 UserId="39752" --> Word Count (16)
 UserId="39752" --> Word Count (1)
 UserId="3594" --> Word Count (119)
 UserId="3594" --> Word Count (5)
 UserId="3594" --> Word Count (1)
 UserId="39941" Comment="grammer" --> Word Count (97)
 UserId="40035" --> Word Count (102)
 UserId="40035" --> Word Count (8)
 UserId="40035" --> Word Count (1)
 UserId="14904" --> Word Count (276)

UserId="2515" --> Word Count (88)
UserId="2515" --> Word Count (4)
UserId="2515" --> Word Count (1)
UserId="14904" Comment="Added some papers" --> Word Count (291)
UserId="39929" Comment="added 95 characters in body" --> Word Count (66)
UserId="33702" --> Word Count (18)
UserId="33702" --> Word Count (7)
UserId="33702" --> Word Count (1)
UserId="23909" --> Word Count (114)
UserId="23909" --> Word Count (8)
UserId="23909" --> Word Count (1)
UserId="29575" Comment="Minor Grammar" --> Word Count (112)
UserId="8370" --> Word Count (113)
UserId="8370" --> Word Count (210)
UserId="836" Comment="edited tags" --> Word Count (1)
UserId="836" --> Word Count (362)
UserId="12942" --> Word Count (133)
UserId="12942" Comment="edited body" --> Word Count (133)
UserId="12942" Comment="edited body" --> Word Count (183)
UserId="40039" --> Word Count (82)
UserId="40039" --> Word Count (13)
UserId="40039" --> Word Count (1)
UserId="12942" --> Word Count (47)
UserId="40042" --> Word Count (83)
UserId="40042" --> Word Count (19)
UserId="40042" --> Word Count (1)
UserId="30542" --> Word Count (70)
UserId="836" Comment="added 172 characters in body" --> Word Count (390)
UserId="40045" --> Word Count (135)
UserId="40045" --> Word Count (11)
UserId="40045" --> Word Count (1)
UserId="836" Comment="added 515 characters in body" Text=" --> Word Count (334)
UserId="28175" Comment="edited title" --> Word Count (9)
UserId="25157" Comment="Black and white referred to binary which is clearly not the case here" --> Word Count (165)
UserId="21" Comment="104" --> Word Count (3)
UserId="16911" --> Word Count (117)
UserId="16911" --> Word Count (12)
UserId="16911" --> Word Count (1)
UserId="16647" --> Word Count (125)
UserId="16647" Comment="added 4 characters in body" --> Word Count (126)
UserId="19212" Comment="added 4 characters in body" --> Word Count (227)
UserId="16647" Comment="added 17 characters in body" --> Word Count (133)
UserId="4868" --> Word Count (66)
UserId="40063" --> Word Count (194)
UserId="40063" --> Word Count (15)
UserId="40063" --> Word Count (1)
UserId="21608" --> Word Count (68)

UserId="836" Comment="added 531 characters in body" --> Word Count (485)
UserId="38145" --> Word Count (65)
UserId="30107" --> Word Count (84)
UserId="40074" --> Word Count (68)
UserId="40074" --> Word Count (25)
UserId="40074" --> Word Count (1)
UserId="836" --> Word Count (156)
UserId="37776" --> Word Count (275)
UserId="37776" --> Word Count (11)
UserId="37776" --> Word Count (1)
UserId="13748" --> Word Count (259)
UserId="37776" Comment="added 99 characters in body" --> Word Count (292)
UserId="24000" Comment="Reformatted" --> Word Count (1529)
UserId="24000" Comment="Reformatted" --> Word Count (10)
UserId="836" Comment="added 5 characters in body" --> Word Count (486)
UserId="16911" Comment="deleted 21 characters in body" --> Word Count (113)
UserId="16911" Comment="added 126 characters in body" --> Word Count (138)
UserId="9123" --> Word Count (100)
UserId="25157" --> Word Count (114)
UserId="40093" --> Word Count (125)
UserId="40093" --> Word Count (8)
UserId="40093" --> Word Count (1)
UserId="18375" Comment="add relevant tags" --> Word Count (1)
UserId="27038" --> Word Count (721)
UserId="27038" Comment="typos and generally bad writing" --> Word Count (727)
UserId="40058" --> Word Count (29)
UserId="836" Comment="added 326 characters in body" --> Word Count (530)
UserId="30212" --> Word Count (57)
UserId="40002" --> Word Count (67)
UserId="39547" --> Word Count (86)
UserId="39547" --> Word Count (11)
UserId="39547" --> Word Count (1)
UserId="39547" Comment="added 38 characters in body" --> Word Count (90)
UserId="12942" --> Word Count (115)
UserId="21" Comment="104" --> Word Count (3)
UserId="28175" Comment="I've edited to try to reopen the question." --> Word Count (73)
UserId="28175" Comment="I've edited to try to reopen the question." --> Word Count (4)
UserId="2515" --> Word Count (161)
UserId="27038" Comment="note for interim" --> Word Count (734)
UserId="836" Comment="avoid using code blocks to highlight text, minor grammar changes, re-worded title" --> Word Count (74)
UserId="836" Comment="avoid using code blocks to highlight text, minor grammar changes, re-worded title" --> Word Count (8)
UserId="40134" --> Word Count (210)
UserId="40134" --> Word Count (8)
UserId="40134" --> Word Count (1)

UserId="21" --> Word Count (3)
 UserId="40159" --> Word Count (39)
 UserId="40159" --> Word Count (7)
 UserId="40159" --> Word Count (1)
 UserId="33812" --> Word Count (69)
 UserId="40160" --> Word Count (47)
 UserId="40160" --> Word Count (5)
 UserId="40160" --> Word Count (1)
 UserId="40162" --> Word Count (145)
 UserId="40162" --> Word Count (6)
 UserId="40162" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (145)
 UserId="9123" --> Word Count (14)
 UserId="40166" --> Word Count (138)
 UserId="40167" --> Word Count (39)
 UserId="40167" --> Word Count (12)
 UserId="40167" --> Word Count (1)
 UserId="29575" Comment="Minor grammar" --> Word Count (44)
 UserId="9123" --> Word Count (17)
 UserId="9123" Comment="added 174 characters in body" --> Word Count (122)
 UserId="28317" --> Word Count (147)
 UserId="28317" --> Word Count (7)
 UserId="28317" --> Word Count (1)
 UserId="16487" --> Word Count (21)
 UserId="39331" --> Word Count (43)
 UserId="39331" --> Word Count (9)
 UserId="39331" --> Word Count (1)
 UserId="40178" --> Word Count (231)
 UserId="40178" --> Word Count (5)
 UserId="40178" --> Word Count (1)
 UserId="30107" --> Word Count (172)
 UserId="18375" --> Word Count (342)
 UserId="28175" --> Word Count (90)
 UserId="28175" --> Word Count (4)
 UserId="28175" --> Word Count (1)
 UserId="40180" --> Word Count (39)
 UserId="40180" --> Word Count (7)
 UserId="40180" --> Word Count (1)
 UserId="40182" --> Word Count (197)
 UserId="40182" --> Word Count (5)
 UserId="40182" --> Word Count (1)
 UserId="37931" --> Word Count (244)
 UserId="37931" --> Word Count (9)
 UserId="37931" --> Word Count (1)
 UserId="29575" Comment="Minor grammar" --> Word Count (179)
 UserId="29575" Comment="Minor grammar" --> Word Count (249)
 UserId="40184" --> Word Count (55)
 UserId="24885" --> Word Count (35)

UserId="24885" --> Word Count (8)
 UserId="24885" --> Word Count (1)
 UserId="24885" --> Word Count (25)
 UserId="39547" --> Word Count (595)
 UserId="40197" --> Word Count (157)
 UserId="40197" --> Word Count (14)
 UserId="40197" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (52)
 UserId="38892" --> Word Count (45)
 UserId="29575" Comment="Minor grammar" --> Word Count (161)
 UserId="13727" --> Word Count (188)
 UserId="38892" Comment="added 43 characters in body" --> Word Count (53)
 UserId="39764" --> Word Count (129)
 UserId="39764" --> Word Count (8)
 UserId="39764" --> Word Count (1)
 UserId="40210" --> Word Count (8)
 UserId="40184" Comment="added number of params section, fixed x,*" --> Word Count (95)
 UserId="40184" Comment="edited body" --> Word Count (97)
 UserId="37059" --> Word Count (99)
 UserId="37059" --> Word Count (9)
 UserId="37059" --> Word Count (1)
 UserId="32745" --> Word Count (122)
 UserId="40224" --> Word Count (189)
 UserId="40224" --> Word Count (7)
 UserId="40224" --> Word Count (1)
 UserId="14372" Comment="Improved formatting" --> Word Count (224)
 UserId="29575" Comment="indent code so shows correctly" --> Word Count (14)
 UserId="40224" Comment="added accuracy" --> Word Count (202)
 UserId="37986" --> Word Count (84)
 UserId="37986" --> Word Count (7)
 UserId="37986" --> Word Count (1)
 UserId="40219" --> Word Count (67)
 UserId="40219" --> Word Count (4)
 UserId="40219" --> Word Count (1)
 UserId="39547" Comment="added 549 characters in body" --> Word Count (652)
 UserId="21" Comment="105" --> Word Count (3)
 UserId="21608" --> Word Count (210)
 UserId="34028" --> Word Count (79)
 UserId="40039" --> Word Count (77)
 UserId="40039" --> Word Count (11)
 UserId="40039" --> Word Count (1)
 UserId="23305" Comment="deleted 2 characters in body" --> Word Count (185)
 UserId="10216" --> Word Count (110)
 UserId="32762" --> Word Count (125)
 UserId="25157" --> Word Count (162)
 UserId="40235" --> Word Count (90)
 UserId="13391" --> Word Count (319)

UserId="13391" --> Word Count (8)
 UserId="13391" --> Word Count (1)
 UserId="836" --> Word Count (311)
 UserId="836" Comment="added 19 characters in body" --> Word Count (318)
 UserId="8517" --> Word Count (169)
 UserId="8517" --> Word Count (17)
 UserId="8517" --> Word Count (1)
 UserId="40240" --> Word Count (128)
 UserId="40240" --> Word Count (14)
 UserId="40240" --> Word Count (1)
 UserId="39081" --> Word Count (141)
 UserId="39081" --> Word Count (10)
 UserId="39081" --> Word Count (1)
 UserId="30212" --> Word Count (113)
 UserId="40240" Comment="added 231 characters in body" --> Word Count (135)
 UserId="30107" --> Word Count (155)
 UserId="40255" --> Word Count (38)
 UserId="40255" --> Word Count (10)
 UserId="40255" --> Word Count (1)
 UserId="40255" Comment="added 119 characters in body" --> Word Count (60)
 UserId="33812" --> Word Count (141)
 UserId="836" Comment="added 28 characters in body" --> Word Count (322)
 UserId="40260" --> Word Count (85)
 UserId="40260" --> Word Count (14)
 UserId="40260" --> Word Count (1)
 UserId="40263" --> Word Count (246)
 UserId="40263" --> Word Count (6)
 UserId="40263" --> Word Count (1)
 UserId="12942" --> Word Count (89)
 UserId="37059" --> Word Count (160)
 UserId="38887" --> Word Count (79)
 UserId="38887" --> Word Count (8)
 UserId="38887" --> Word Count (1)
 UserId="13727" Comment="Added an explanation about the math from the comment."
 --> Word Count (281)
 UserId="39820" --> Word Count (207)
 UserId="37059" --> Word Count (474)
 UserId="37059" --> Word Count (13)
 UserId="37059" --> Word Count (1)
 UserId="40270" --> Word Count (1501)
 UserId="40270" --> Word Count (2)
 UserId="40270" --> Word Count (1)
 UserId="40147" --> Word Count (21)
 UserId="39715" --> Word Count (215)
 UserId="39715" --> Word Count (11)
 UserId="39715" --> Word Count (1)
 UserId="37279" --> Word Count (67)
 UserId="37279" --> Word Count (6)

UserId="37279" --> Word Count (1)
 UserId="39081" Comment="added 169 characters in body" --> Word Count (158)
 UserId="31135" --> Word Count (232)
 UserId="31135" --> Word Count (6)
 UserId="31135" --> Word Count (1)
 UserId="40285" --> Word Count (74)
 UserId="40285" Comment="Addressed your specific data structure scenario." --> Word Count (100)
 UserId="38892" Comment="latexify the question" --> Word Count (79)
 UserId="8820" --> Word Count (97)
 UserId="23305" --> Word Count (308)
 UserId="38887" Comment="specified the question because the answer offered an additional piece of information" --> Word Count (86)
 UserId="25157" Comment="Question was unclear, I misunderstood at first" --> Word Count (335)
 UserId="23305" Comment="break up block text" --> Word Count (246)
 UserId="20492" --> Word Count (579)
 UserId="31135" Comment="added 1525 characters in body; edited tags" --> Word Count (671)
 UserId="31135" Comment="added 1525 characters in body; edited tags" --> Word Count (1)
 UserId="40296" --> Word Count (50)
 UserId="14048" Comment="upd info on request " --> Word Count (85)
 UserId="13736" --> Word Count (186)
 UserId="13736" --> Word Count (11)
 UserId="13736" --> Word Count (1)
 UserId="26562" --> Word Count (234)
 UserId="6567" --> Word Count (152)
 UserId="6567" --> Word Count (9)
 UserId="6567" --> Word Count (1)
 UserId="32745" Comment="added 48 characters in body" --> Word Count (130)
 UserId="27714" --> Word Count (65)
 UserId="27714" --> Word Count (7)
 UserId="27714" --> Word Count (1)
 UserId="40270" --> Word Count (55)
 UserId="28780" --> Word Count (113)
 UserId="14904" --> Word Count (207)
 UserId="14904" --> Word Count (6)
 UserId="14904" --> Word Count (1)
 UserId="40330" --> Word Count (238)
 UserId="40330" --> Word Count (5)
 UserId="40330" --> Word Count (1)
 UserId="15384" --> Word Count (93)
 UserId="15384" --> Word Count (8)
 UserId="15384" --> Word Count (1)
 UserId="36977" --> Word Count (30)
 UserId="14675" --> Word Count (121)
 UserId="836" Comment="edited title" --> Word Count (9)

UserId="836" --> Word Count (113)
UserId="30212" Comment="added 257 characters in body" --> Word Count (127)
UserId="40343" --> Word Count (38)
UserId="40343" --> Word Count (4)
UserId="40343" --> Word Count (1)
UserId="40010" --> Word Count (98)
UserId="40010" --> Word Count (8)
UserId="40010" --> Word Count (1)
UserId="40285" --> Word Count (85)
UserId="12448" --> Word Count (120)
UserId="12448" --> Word Count (7)
UserId="12448" --> Word Count (1)
UserId="33812" --> Word Count (171)
UserId="40370" --> Word Count (65)
UserId="40370" --> Word Count (7)
UserId="40370" --> Word Count (1)
UserId="40371" --> Word Count (164)
UserId="40371" --> Word Count (11)
UserId="40371" --> Word Count (1)
UserId="34130" --> Word Count (76)
UserId="40372" --> Word Count (217)
UserId="40372" --> Word Count (15)
UserId="40372" --> Word Count (1)
UserId="14904" --> Word Count (551)
UserId="14904" --> Word Count (128)
UserId="29931" --> Word Count (167)
UserId="29931" --> Word Count (13)
UserId="29931" --> Word Count (1)
UserId="40378" --> Word Count (39)
UserId="12942" --> Word Count (236)
UserId="12942" --> Word Count (69)
UserId="18722" --> Word Count (133)
UserId="40384" --> Word Count (25)
UserId="40384" --> Word Count (9)
UserId="40384" --> Word Count (1)
UserId="9847" --> Word Count (173)
UserId="9847" --> Word Count (7)
UserId="9847" --> Word Count (1)
UserId="40385" --> Word Count (24)
UserId="40385" --> Word Count (63)
UserId="1330" --> Word Count (64)
UserId="35908" --> Word Count (1089)
UserId="35908" --> Word Count (5)
UserId="35908" --> Word Count (1)
UserId="40388" --> Word Count (41)
UserId="40388" --> Word Count (12)
UserId="40388" --> Word Count (1)
UserId="40391" --> Word Count (73)

UserId="9847" Comment="added 78 characters in body" --> Word Count (193)
 UserId="40388" --> Word Count (49)
 UserId="40388" --> Word Count (6)
 UserId="40388" --> Word Count (1)
 UserId="39949" --> Word Count (103)
 UserId="39949" --> Word Count (6)
 UserId="39949" --> Word Count (1)
 UserId="21433" --> Word Count (107)
 UserId="39949" Comment="added 171 characters in body" --> Word Count (115)
 UserId="40357" --> Word Count (190)
 UserId="40357" --> Word Count (5)
 UserId="40357" --> Word Count (1)
 UserId="39949" Comment="deleted 132 characters in body; edited title" --> Word Count (95)
 UserId="39949" Comment="deleted 132 characters in body; edited title" --> Word Count (15)
 UserId="40399" --> Word Count (87)
 UserId="40400" --> Word Count (186)
 UserId="40400" --> Word Count (4)
 UserId="40400" --> Word Count (1)
 UserId="40384" --> Word Count (169)
 UserId="33838" --> Word Count (178)
 UserId="33838" --> Word Count (5)
 UserId="33838" --> Word Count (1)
 UserId="39934" --> Word Count (131)
 UserId="29575" Comment="Minor grammar" --> Word Count (122)
 UserId="37475" --> Word Count (196)
 UserId="37475" --> Word Count (7)
 UserId="37475" --> Word Count (1)
 UserId="40400" --> Word Count (121)
 UserId="40400" --> Word Count (11)
 UserId="40400" --> Word Count (1)
 UserId="40407" --> Word Count (105)
 UserId="40407" --> Word Count (54)
 UserId="14675" --> Word Count (159)
 UserId="40410" --> Word Count (114)
 UserId="40410" --> Word Count (10)
 UserId="40410" --> Word Count (1)
 UserId="15946" --> Word Count (83)
 UserId="24000" Comment="Reformatted, removed unnecessary text" --> Word Count (62)
 UserId="40413" --> Word Count (135)
 UserId="14904" Comment="added 1310 characters in body" --> Word Count (322)
 UserId="40415" --> Word Count (60)
 UserId="33812" Comment="added 592 characters in body" --> Word Count (274)
 UserId="28175" --> Word Count (69)
 UserId="28175" --> Word Count (4)
 UserId="28175" --> Word Count (1)

UserId="28175" Comment="added 947 characters in body" --> Word Count (193)
 UserId="14675" --> Word Count (85)
 UserId="14675" Comment="added 2 characters in body" --> Word Count (159)
 UserId="40424" --> Word Count (19)
 UserId="40424" --> Word Count (8)
 UserId="40424" --> Word Count (1)
 UserId="40424" --> Word Count (46)
 UserId="40400" Text="

I am using [Tensorboard-PyTorch][1]. It supports most of the features of Tensorboard. I am using the Scalar, Images, Distributions, Histograms and --> Word Count (76)
 <DELETE> --> Word Count (131)
 UserId="20492" Comment="added "pandas" tag" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (75)
 UserId="39503" --> Word Count (231)
 UserId="39503" --> Word Count (14)
 UserId="39503" --> Word Count (1)
 UserId="21608" --> Word Count (53)
 UserId="1077" --> Word Count (40)
 UserId="1077" --> Word Count (9)
 UserId="1077" --> Word Count (1)
 UserId="13748" Comment="Linking dataset, more objective title, removed Title Case in body, simplified the question" --> Word Count (192)
 UserId="13748" Comment="Linking dataset, more objective title, removed Title Case in body, simplified the question" --> Word Count (5)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="13736" --> Word Count (181)
 UserId="13736" --> Word Count (8)
 UserId="13736" --> Word Count (1)
 UserId="40443" --> Word Count (16)
 UserId="28780" --> Word Count (193)
 UserId="1077" --> Word Count (114)
 UserId="1077" Comment="deleted 16 characters in body" --> Word Count (40)
 UserId="32947" --> Word Count (380)
 UserId="32947" --> Word Count (5)
 UserId="32947" --> Word Count (1)
 UserId="40453" --> Word Count (147)
 UserId="24005" --> Word Count (97)
 UserId="24005" --> Word Count (6)
 UserId="24005" --> Word Count (1)
 UserId="30107" --> Word Count (151)
 UserId="40457" --> Word Count (457)
 UserId="33812" --> Word Count (52)
 UserId="471" --> Word Count (158)
 UserId="40468" --> Word Count (252)
 UserId="40468" --> Word Count (2)
 UserId="40468" --> Word Count (1)
 UserId="18434" --> Word Count (256)
 UserId="18434" --> Word Count (258)

UserId="39331" --> Word Count (62)
 UserId="39331" --> Word Count (8)
 UserId="39331" --> Word Count (1)
 UserId="39081" --> Word Count (342)
 UserId="28175" Comment="deleted 2 characters in body" --> Word Count (234)
 UserId="28175" Comment="edited title" --> Word Count (8)
 UserId="13748" --> Word Count (160)
 UserId="40468" Comment="added 11 characters in body" --> Word Count (254)
 UserId="40480" --> Word Count (62)
 UserId="40480" --> Word Count (6)
 UserId="40480" --> Word Count (1)
 UserId="40491" --> Word Count (320)
 UserId="40491" --> Word Count (6)
 UserId="40491" --> Word Count (1)
 UserId="40491" Comment="edited title" --> Word Count (6)
 UserId="40331" --> Word Count (72)
 UserId="40331" Comment="via Vote" --> Word Count (2)
 UserId="40331" Comment="deleted 118 characters in body" --> Word Count (48)
 UserId="40331" --> Word Count (2)
 UserId="40502" --> Word Count (73)
 UserId="40502" --> Word Count (9)
 UserId="40502" --> Word Count (1)
 UserId="35908" Comment="edited body" --> Word Count (1089)
 UserId="35908" Comment="edited body" --> Word Count (11)
 UserId="39503" --> Word Count (175)
 UserId="39503" --> Word Count (18)
 UserId="39503" --> Word Count (1)
 UserId="38042" --> Word Count (82)
 UserId="38042" --> Word Count (10)
 UserId="38042" --> Word Count (1)
 UserId="38887" --> Word Count (104)
 UserId="9465" Comment="added 615 characters in body" --> Word Count (170)
 UserId="9465" Comment="+ By the way," --> Word Count (173)
 UserId="30335" --> Word Count (203)
 UserId="30335" --> Word Count (15)
 UserId="30335" --> Word Count (1)
 UserId="30335" --> Word Count (404)
 UserId="40525" --> Word Count (290)
 UserId="40525" --> Word Count (11)
 UserId="40525" --> Word Count (1)
 UserId="8660" --> Word Count (265)
 UserId="29575" Comment="Minor formatting" --> Word Count (167)
 UserId="14372" Comment="fixed spelling" --> Word Count (63)
 UserId="33838" Comment="deleted 140 characters in body" --> Word Count (152)
 UserId="381" --> Word Count (141)
 UserId="13736" --> Word Count (226)
 UserId="38593" --> Word Count (57)
 UserId="38593" --> Word Count (6)

UserId="38593" --> Word Count (1)
 UserId="13736" Comment="corrected the title" --> Word Count (6)
 UserId="836" --> Word Count (242)
 UserId="40540" --> Word Count (136)
 UserId="40540" --> Word Count (9)
 UserId="40540" --> Word Count (1)
 UserId="39234" --> Word Count (80)
 UserId="39234" --> Word Count (59)
 UserId="40545" --> Word Count (208)
 UserId="40545" --> Word Count (4)
 UserId="40545" --> Word Count (1)
 UserId="8878" --> Word Count (322)
 UserId="40546" --> Word Count (103)
 UserId="40546" --> Word Count (10)
 UserId="40546" --> Word Count (1)
 UserId="37059" --> Word Count (308)
 UserId="37059" --> Word Count (9)
 UserId="37059" --> Word Count (1)
 UserId="14675" --> Word Count (87)
 UserId="14675" --> Word Count (350)
 UserId="13748" Text="Let's phrase it another way, decomposing into two problems:

 1. given a sound, we want to know if it's of class A
 2. given a sound, we want to know if it's of class B

This way of putting it is valuable to some techniques, notably "one-class classification" and "PU learning" (learning from positive and unlabeled examples). These techniques are very relevant when you want to know "does my item follow a given distribution D?", which is exactly what you're looking for.

Still, if you have (or can collect) a lot of data that is neither A nor B, you may simply label it as a garbage class C and use a common classifier - however, it may actually be harmful, because you're likely assuming wrong things about class C [Li, Liu and Ng, "Negative Training Data can be Harmful to --> Word Count (20)
 UserId="38887" --> Word Count (115)
 UserId="38887" --> Word Count (9)
 UserId="38887" --> Word Count (1)
 UserId="836" --> Word Count (196)
 UserId="836" Comment="added 383 characters in body" --> Word Count (269)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (88)
 UserId="40540" Comment="added 123 characters in body" --> Word Count (164)
 UserId="40182" --> Word Count (129)
 UserId="40182" --> Word Count (3)
 UserId="40182" --> Word Count (1)
 UserId="40557" --> Word Count (56)
 UserId="40557" --> Word Count (3)
 UserId="40557" --> Word Count (1)
 UserId="40558" --> Word Count (129)
 UserId="40558" --> Word Count (8)

UserId="40558" --> Word Count (1)
UserId="30314" --> Word Count (1587)
UserId="30314" --> Word Count (6)
UserId="30314" --> Word Count (1)
UserId="836" --> Word Count (179)
UserId="26562" Comment="fixed spelling error in title" --> Word Count (15)
UserId="37502" --> Word Count (76)
UserId="37502" --> Word Count (7)
UserId="37502" --> Word Count (1)
UserId="14675" Comment="added 1 character in body" --> Word Count (87)
UserId="40563" --> Word Count (70)
UserId="40564" --> Word Count (903)
UserId="40564" --> Word Count (11)
UserId="40564" --> Word Count (1)
UserId="924" --> Word Count (37)
UserId="38892" --> Word Count (69)
UserId="38892" Comment="added 145 characters in body" --> Word Count (95)
UserId="31046" --> Word Count (664)
UserId="31046" --> Word Count (6)
UserId="31046" --> Word Count (1)
UserId="31046" Comment="added 248 characters in body" --> Word Count (695)
UserId="471" --> Word Count (74)
UserId="14675" Comment="edited tags" --> Word Count (1)
UserId="14675" --> Word Count (123)
UserId="14675" Comment="edited tags" --> Word Count (1)
UserId="14675" Comment="deleted 2 characters in body" --> Word Count (122)
UserId="26788" --> Word Count (1323)
UserId="37986" --> Word Count (51)
UserId="37986" --> Word Count (10)
UserId="37986" --> Word Count (1)
UserId="37986" Comment="added 17 characters in body" --> Word Count (53)
UserId="26788" Comment="fixed grammar" --> Word Count (1323)
UserId="26788" --> Word Count (113)
UserId="1330" --> Word Count (47)
UserId="40584" --> Word Count (58)
UserId="40584" --> Word Count (6)
UserId="40584" --> Word Count (1)
UserId="39234" --> Word Count (152)
UserId="30000" --> Word Count (65)
UserId="30000" --> Word Count (4)
UserId="30000" --> Word Count (1)
UserId="40590" --> Word Count (186)
UserId="40590" --> Word Count (10)
UserId="40590" --> Word Count (1)
UserId="40590" Comment="added 22 characters in body" --> Word Count (194)
UserId="40590" Comment="added 22 characters in body" --> Word Count (15)
UserId="31316" --> Word Count (187)
UserId="31316" --> Word Count (8)

UserId="31316" --> Word Count (1)
 UserId="40590" Comment="added 690 characters in body" --> Word Count (432)
 UserId="30786" --> Word Count (114)
 UserId="30786" --> Word Count (9)
 UserId="30786" --> Word Count (1)
 UserId="13748" Comment="Formatted code and removed "thanks"" --> Word Count (100)
 UserId="13748" Comment="Formatted code and removed "thanks"" --> Word Count (5)
 UserId="40331" --> Word Count (41)
 UserId="40615" --> Word Count (56)
 UserId="40615" Comment="added 240 characters in body" --> Word Count (89)
 UserId="40391" Comment="Clarified what a 'stopping' parameter might look like." --> Word Count (102)
 UserId="40391" Comment="added 3 characters in body" --> Word Count (102)
 UserId="20894" --> Word Count (16)
 UserId="33738" --> Word Count (196)
 UserId="33242" --> Word Count (138)
 UserId="33242" --> Word Count (6)
 UserId="33242" --> Word Count (1)
 UserId="38188" --> Word Count (67)
 UserId="38188" --> Word Count (8)
 UserId="38188" --> Word Count (1)
 UserId="30114" --> Word Count (81)
 UserId="38188" Comment="added more clairification" --> Word Count (143)
 UserId="38226" --> Word Count (99)
 UserId="31736" --> Word Count (165)
 UserId="31736" --> Word Count (16)
 UserId="31736" --> Word Count (1)
 UserId="31736" Comment="added 11 characters in body" --> Word Count (167)
 UserId="40653" --> Word Count (89)
 UserId="40653" --> Word Count (3)
 UserId="40653" --> Word Count (1)
 UserId="40656" --> Word Count (84)
 UserId="40659" --> Word Count (124)
 UserId="40659" --> Word Count (3)
 UserId="40659" --> Word Count (1)
 UserId="40665" --> Word Count (50)
 UserId="40665" --> Word Count (4)
 UserId="40665" --> Word Count (1)
 UserId="14284" --> Word Count (76)
 UserId="26493" --> Word Count (40)
 UserId="26493" --> Word Count (11)
 UserId="26493" --> Word Count (1)
 UserId="26493" Comment="modified the question" --> Word Count (56)
 UserId="26493" Comment="modified the question" --> Word Count (18)
 UserId="26493" Comment="modified the question" --> Word Count (1)
 UserId="378" Comment="fixed typos" --> Word Count (58)

UserId="13727" --> Word Count (179)
 UserId="40687" --> Word Count (133)
 UserId="40687" --> Word Count (9)
 UserId="40687" --> Word Count (1)
 UserId="14588" --> Word Count (82)
 UserId="40694" --> Word Count (17)
 UserId="39820" Comment="add the formula of precision computation" --> Word Count (326)
 UserId="38226" --> Word Count (35)
 UserId="30786" Comment="edited title" --> Word Count (9)
 UserId="40693" --> Word Count (22)
 UserId="24885" --> Word Count (69)
 UserId="24885" --> Word Count (15)
 UserId="24885" --> Word Count (1)
 UserId="40656" --> Word Count (131)
 UserId="30964" --> Word Count (148)
 UserId="21232" --> Word Count (95)
 UserId="29575" Comment="Minor formatting" --> Word Count (109)
 UserId="21" Comment="105" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="28175" Comment="edited body" --> Word Count (165)
 UserId="28175" Comment="deleted 2 characters in body; edited title" --> Word Count (91)
 UserId="28175" Comment="deleted 2 characters in body; edited title" --> Word Count (9)
 UserId="12363" --> Word Count (72)
 UserId="12363" --> Word Count (13)
 UserId="12363" --> Word Count (1)
 UserId="8005" --> Word Count (100)
 UserId="8005" --> Word Count (9)
 UserId="8005" --> Word Count (1)
 UserId="40711" --> Word Count (389)
 UserId="40711" --> Word Count (10)
 UserId="40711" --> Word Count (1)
 UserId="16853" --> Word Count (359)
 UserId="30335" --> Word Count (115)
 UserId="1330" --> Word Count (55)
 UserId="31046" --> Word Count (101)
 UserId="14675" --> Word Count (50)
 UserId="40723" --> Word Count (68)
 UserId="40720" --> Word Count (138)
 UserId="40720" --> Word Count (6)
 UserId="40720" --> Word Count (1)
 UserId="32280" --> Word Count (313)
 UserId="32280" --> Word Count (9)

UserId="32280" --> Word Count (1)
 UserId="32280" Comment="deleted 132 characters in body" --> Word Count (278)
 UserId="26493" Comment="Edited the question as it was put on hold. Made it specific to scheduling problem. Though, I do not believe the previous question was non-specific or too general by the way." --> Word Count (61)
 UserId="26493" Comment="Edited the question as it was put on hold. Made it specific to scheduling problem. Though, I do not believe the previous question was non-specific or too general by the way." --> Word Count (18)
 UserId="836" Comment="edited title" --> Word Count (10)
 UserId="381" --> Word Count (76)
 UserId="24000" Comment="Reformatted" --> Word Count (71)
 UserId="38887" --> Word Count (192)
 UserId="38887" --> Word Count (7)
 UserId="38887" --> Word Count (1)
 UserId="38887" Comment="deleted 176 characters in body" --> Word Count (166)
 UserId="40736" --> Word Count (36)
 UserId="40736" --> Word Count (17)
 UserId="40736" --> Word Count (1)
 UserId="40751" --> Word Count (329)
 UserId="40751" --> Word Count (11)
 UserId="40751" --> Word Count (1)
 UserId="8820" --> Word Count (85)
 UserId="8820" --> Word Count (9)
 UserId="8820" --> Word Count (1)
 UserId="40756" --> Word Count (89)
 UserId="40756" --> Word Count (14)
 UserId="40756" --> Word Count (1)
 UserId="14675" --> Word Count (207)
 UserId="16853" Comment="deleted 3 characters in body" --> Word Count (363)
 UserId="16853" Comment="deleted 9 characters in body" --> Word Count (360)
 UserId="40331" --> Word Count (49)
 UserId="40760" --> Word Count (73)
 UserId="40767" --> Word Count (67)
 UserId="23305" --> Word Count (89)
 UserId="924" --> Word Count (41)
 UserId="8820" --> Word Count (146)
 UserId="8820" --> Word Count (9)
 UserId="8820" --> Word Count (1)
 UserId="40756" Comment="added example code and link to it" --> Word Count (204)
 UserId="14675" Comment="added 988 characters in body" --> Word Count (391)
 UserId="14675" --> Word Count (144)
 UserId="8820" Comment="added 54 characters in body" --> Word Count (146)
 UserId="14675" Comment="added 231 characters in body" --> Word Count (174)
 UserId="2932" --> Word Count (170)
 UserId="31046" --> Word Count (160)
 UserId="31046" --> Word Count (5)
 UserId="31046" --> Word Count (1)
 UserId="40795" --> Word Count (430)

UserId="40795" --> Word Count (9)
UserId="40795" --> Word Count (1)
UserId="924" --> Word Count (31)
UserId="40800" --> Word Count (335)
UserId="40800" --> Word Count (9)
UserId="40800" --> Word Count (1)
UserId="40800" Comment="added 16 characters in body" --> Word Count (338)
UserId="836" Comment="formatting" --> Word Count (578)
UserId="21254" --> Word Count (223)
UserId="21254" --> Word Count (3)
UserId="21254" --> Word Count (1)
UserId="38226" --> Word Count (124)
UserId="836" --> Word Count (313)
UserId="836" Comment="added 11 characters in body" --> Word Count (315)
UserId="10640" Comment="Hopefully, improved the clarity of the question." -->
Word Count (19)
UserId="10640" Comment="Hopefully, improved the clarity of the question." -->
Word Count (7)
UserId="21" Comment="101" --> Word Count (3)
UserId="21" Comment="104" --> Word Count (3)
UserId="836" Comment="added 5 characters in body" --> Word Count (317)
UserId="17484" Comment="added 1 character in body; edited title" --> Word Count
(107)
UserId="17484" Comment="added 1 character in body; edited title" --> Word Count
(10)
UserId="9003" --> Word Count (160)
UserId="9003" --> Word Count (5)
UserId="9003" --> Word Count (1)
UserId="39014" --> Word Count (324)
UserId="39014" --> Word Count (7)
UserId="39014" --> Word Count (1)
UserId="13748" --> Word Count (218)
UserId="1424" --> Word Count (297)
UserId="16853" Comment="added 248 characters in body" --> Word Count (381)
UserId="40813" --> Word Count (76)
UserId="40813" --> Word Count (6)
UserId="40813" --> Word Count (1)
UserId="40818" --> Word Count (133)
UserId="29575" Comment="Minor formatting" --> Word Count (74)
UserId="40827" --> Word Count (296)
UserId="40827" --> Word Count (8)
UserId="40827" --> Word Count (1)
UserId="29575" Comment="Format list" --> Word Count (305)
UserId="29575" --> Word Count (116)
UserId="40827" Comment="added 24 characters in body" --> Word Count (307)
UserId="29575" Comment="Clarify Question" --> Word Count (46)
UserId="35597" --> Word Count (148)
UserId="35597" --> Word Count (15)

UserId="35597" --> Word Count (1)
UserId="35597" Comment="edited title" --> Word Count (15)
UserId="29575" Comment="Minor grammar" --> Word Count (131)
UserId="29575" Comment="Minor grammar" --> Word Count (15)
UserId="35597" Comment="edited title" --> Word Count (15)
UserId="21608" --> Word Count (241)
UserId="38887" Comment="added 15 characters in body; edited tags" --> Word Count (168)
UserId="38887" Comment="added 15 characters in body; edited tags" --> Word Count (1)
UserId="40851" --> Word Count (90)
UserId="29575" Comment="Remove extra commentary" --> Word Count (297)
UserId="21" Comment="103" --> Word Count (4)
UserId="39934" --> Word Count (468)
UserId="40625" --> Word Count (216)
UserId="40625" --> Word Count (13)
UserId="40625" --> Word Count (1)
UserId="33134" --> Word Count (106)
UserId="33134" --> Word Count (9)
UserId="33134" --> Word Count (1)
UserId="33134" Comment="edited tags" --> Word Count (1)
UserId="40857" --> Word Count (107)
UserId="40857" --> Word Count (10)
UserId="40857" --> Word Count (1)
UserId="40857" Comment="edited tags" --> Word Count (1)
UserId="33134" Comment="added 205 characters in body" --> Word Count (193)
UserId="15250" --> Word Count (48)
UserId="33134" Comment="deleted 66 characters in body; edited title" --> Word Count (183)
UserId="33134" Comment="deleted 66 characters in body; edited title" --> Word Count (11)
UserId="29575" Comment="Format Link" --> Word Count (43)
UserId="40871" --> Word Count (101)
UserId="40857" Comment="added 306 characters in body; edited title" --> Word Count (155)
UserId="40857" Comment="added 306 characters in body; edited title" --> Word Count (14)
UserId="17538" --> Word Count (340)
UserId="17538" Comment="added 122 characters in body" --> Word Count (361)
UserId="17538" Comment="Improve phrasing and formatting; remove unrelated sklearn tag" --> Word Count (167)
UserId="17538" Comment="Improve phrasing and formatting; remove unrelated sklearn tag" --> Word Count (14)
UserId="17538" Comment="Improve phrasing and formatting; remove unrelated sklearn tag" --> Word Count (1)
UserId="40857" --> Word Count (80)
UserId="13281" --> Word Count (264)
UserId="13281" --> Word Count (5)

UserId="13281" --> Word Count (1)
 UserId="13281" Comment="deleted 84 characters in body" --> Word Count (264)
 UserId="4766" --> Word Count (138)
 UserId="40879" --> Word Count (193)
 UserId="40879" --> Word Count (13)
 UserId="40879" --> Word Count (1)
 UserId="33812" --> Word Count (29)
 UserId="20372" --> Word Count (71)
 UserId="33812" --> Word Count (228)
 UserId="15897" --> Word Count (134)
 UserId="15897" --> Word Count (16)
 UserId="15897" --> Word Count (1)
 UserId="122" --> Word Count (449)
 UserId="122" --> Word Count (9)
 UserId="122" --> Word Count (1)
 UserId="40889" --> Word Count (369)
 UserId="40889" --> Word Count (7)
 UserId="40889" --> Word Count (1)
 UserId="40889" Comment="added 64 characters in body" --> Word Count (382)
 UserId="40889" Comment="deleted 287 characters in body" --> Word Count (377)
 UserId="40857" --> Word Count (357)
 UserId="40898" --> Word Count (78)
 UserId="40898" --> Word Count (14)
 UserId="40898" --> Word Count (1)
 UserId="8752" --> Word Count (706)
 UserId="24000" Comment="Removed unnecessary text" --> Word Count (53)
 UserId="40857" --> Word Count (138)
 UserId="40905" --> Word Count (89)
 UserId="40885" --> Word Count (89)
 UserId="40885" --> Word Count (6)
 UserId="40885" --> Word Count (1)
 UserId="32860" --> Word Count (362)
 UserId="13727" --> Word Count (210)
 UserId="33812" Comment="added 13 characters in body" --> Word Count (247)
 UserId="13281" Comment="Rolling Mean added" --> Word Count (269)
 UserId="39014" --> Word Count (155)
 UserId="39014" --> Word Count (4)
 UserId="39014" --> Word Count (1)
 UserId="39014" Comment="added 76 characters in body" --> Word Count (169)
 UserId="14904" --> Word Count (121)
 UserId="39234" --> Word Count (41)
 UserId="39014" Comment="added 460 characters in body" --> Word Count (281)
 UserId="39014" Comment="added 144 characters in body" --> Word Count (298)
 UserId="39014" --> Word Count (94)
 UserId="39014" --> Word Count (3)
 UserId="39014" --> Word Count (1)
 UserId="39234" --> Word Count (35)
 UserId="29575" Comment="Format code" --> Word Count (106)

UserId="39234" --> Word Count (237)
 UserId="33812" --> Word Count (117)
 UserId="33812" Comment="added 222 characters in body" --> Word Count (157)
 UserId="40940" --> Word Count (45)
 UserId="40940" --> Word Count (15)
 UserId="40940" --> Word Count (1)
 UserId="33812" --> Word Count (92)
 UserId="40942" --> Word Count (37)
 UserId="-1" Comment="105" --> Word Count (3)
 UserId="40853" --> Word Count (127)
 UserId="40949" --> Word Count (399)
 UserId="40951" --> Word Count (41)
 UserId="40951" --> Word Count (6)
 UserId="40951" --> Word Count (1)
 UserId="34028" Comment="Formatting corrections" --> Word Count (41)
 UserId="31046" Comment="added 1148 characters in body" --> Word Count (400)
 UserId="38791" --> Word Count (277)
 UserId="38791" --> Word Count (9)
 UserId="38791" --> Word Count (1)
 UserId="39234" Comment="added 641 characters in body" --> Word Count (110)
 UserId="33051" --> Word Count (306)
 UserId="33051" --> Word Count (7)
 UserId="33051" --> Word Count (1)
 UserId="33812" --> Word Count (62)
 UserId="33051" Comment="deleted 2 characters in body" --> Word Count (305)
 UserId="40962" --> Word Count (91)
 UserId="40962" --> Word Count (14)
 UserId="40962" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (43)
 UserId="33812" --> Word Count (75)
 UserId="40965" --> Word Count (397)
 UserId="40965" --> Word Count (13)
 UserId="40965" --> Word Count (1)
 UserId="30459" Comment="added 15 characters in body" --> Word Count (205)
 UserId="10216" --> Word Count (65)
 UserId="37626" --> Word Count (37)
 UserId="37626" --> Word Count (4)
 UserId="37626" --> Word Count (1)
 UserId="37604" --> Word Count (12)
 UserId="37604" --> Word Count (11)
 UserId="37604" --> Word Count (1)
 UserId="39932" --> Word Count (50)
 UserId="39932" --> Word Count (14)
 UserId="39932" --> Word Count (1)
 UserId="40885" Comment="added 77 characters in body" --> Word Count (97)
 UserId="39014" --> Word Count (1216)
 UserId="39014" --> Word Count (12)
 UserId="39014" --> Word Count (1)

UserId="39014" Comment="edited body" --> Word Count (1216)
UserId="9123" --> Word Count (38)
UserId="836" Comment="Break up wall of text, remove please and thank you (we don't do those on this site)" --> Word Count (335)
UserId="836" Comment="Break up wall of text, remove please and thank you (we don't do those on this site)" --> Word Count (1)
UserId="836" Comment="Break up wall of text, remove please and thank you (we don't do those on this site)" --> Word Count (8)
UserId="836" --> Word Count (268)
UserId="39014" Comment="added 188 characters in body" --> Word Count (1244)
UserId="836" Comment="added 811 characters in body" --> Word Count (412)
UserId="40983" --> Word Count (93)
UserId="40983" --> Word Count (12)
UserId="40983" --> Word Count (1)
UserId="29801" --> Word Count (116)
UserId="40767" --> Word Count (203)
UserId="33120" --> Word Count (105)
UserId="33120" --> Word Count (8)
UserId="33120" --> Word Count (1)
UserId="33120" Comment="added 123 characters in body; edited tags" --> Word Count (122)
UserId="33120" Comment="added 123 characters in body; edited tags" --> Word Count (1)
UserId="40045" --> Word Count (103)
UserId="40045" --> Word Count (7)
UserId="40045" --> Word Count (1)
UserId="21" Comment="104" --> Word Count (3)
UserId="21" Comment="103" --> Word Count (3)
UserId="31046" Comment="More description" --> Word Count (438)
UserId="37986" --> Word Count (36)
UserId="37986" --> Word Count (4)
UserId="37986" --> Word Count (1)
UserId="41004" --> Word Count (68)
UserId="41004" --> Word Count (7)
UserId="41004" --> Word Count (1)
UserId="37986" Comment="added 15 characters in body" --> Word Count (37)
UserId="1330" --> Word Count (160)
UserId="41008" --> Word Count (306)
UserId="41008" --> Word Count (11)
UserId="41008" --> Word Count (1)
UserId="1330" --> Word Count (145)
UserId="37376" --> Word Count (69)
UserId="33183" --> Word Count (132)
UserId="33183" --> Word Count (18)
UserId="33183" --> Word Count (1)
UserId="33812" --> Word Count (91)
UserId="1424" Comment="Fixed grammar" --> Word Count (298)
UserId="33812" --> Word Count (120)

UserId="41024" --> Word Count (137)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="37376" Comment="Some clarification" --> Word Count (86)
 UserId="8878" Comment="Remove irrelevant Deep-Learning tag" --> Word Count (1)
 UserId="21560" --> Word Count (139)
 UserId="21560" --> Word Count (9)
 UserId="21560" --> Word Count (1)
 UserId="33812" Comment="added 287 characters in body" --> Word Count (103)
 UserId="33812" --> Word Count (118)
 UserId="41029" --> Word Count (148)
 UserId="28328" --> Word Count (109)
 UserId="41031" --> Word Count (41)
 UserId="37376" --> Word Count (126)
 UserId="41033" --> Word Count (67)
 UserId="41033" --> Word Count (7)
 UserId="41033" --> Word Count (1)
 UserId="28328" --> Word Count (81)
 UserId="41034" --> Word Count (304)
 UserId="41034" --> Word Count (7)
 UserId="41034" --> Word Count (1)
 UserId="41004" --> Word Count (62)
 UserId="15250" --> Word Count (133)
 UserId="14070" --> Word Count (153)
 UserId="14070" --> Word Count (8)
 UserId="14070" --> Word Count (1)
 UserId="40801" --> Word Count (132)
 UserId="40801" --> Word Count (4)
 UserId="40801" --> Word Count (1)
 UserId="33120" Comment="deleted 408 characters in body; edited title" --> Word Count (79)
 UserId="33120" Comment="deleted 408 characters in body; edited title" --> Word Count (8)
 UserId="40767" Comment="Added figures" --> Word Count (224)
 UserId="33120" Comment="deleted 2 characters in body" --> Word Count (78)
 UserId="41047" --> Word Count (234)
 UserId="41047" Comment="Edited some grammar and made the conclusion clearer." --> Word Count (315)
 UserId="41051" --> Word Count (54)
 UserId="1330" Comment="added 4 characters in body" --> Word Count (161)
 UserId="29575" Comment="Minor formatting" --> Word Count (41)
 UserId="41058" --> Word Count (481)
 UserId="32280" Comment="Formatting" --> Word Count (103)
 UserId="11097" --> Word Count (2)
 UserId="41034" Comment="deleted 5 characters in body" --> Word Count (302)
 UserId="41051" Comment="Added LightGBM link" --> Word Count (78)
 UserId="20618" --> Word Count (48)
 UserId="20618" --> Word Count (9)
 UserId="20618" --> Word Count (1)

UserId="40827" Comment="added 453 characters in body" --> Word Count (387)
 UserId="38791" --> Word Count (197)
 UserId="38791" --> Word Count (8)
 UserId="38791" --> Word Count (1)
 UserId="37626" --> Word Count (86)
 UserId="40693" --> Word Count (6)
 UserId="1424" Comment="Correct the K and x values in the example so the following calculations are correct." --> Word Count (315)
 UserId="41047" Comment="small typo" --> Word Count (315)
 UserId="33242" --> Word Count (157)
 UserId="33242" --> Word Count (6)
 UserId="33242" --> Word Count (1)
 UserId="20618" Comment="deleted 18 characters in body" --> Word Count (44)
 UserId="28713" --> Word Count (83)
 UserId="19161" --> Word Count (122)
 UserId="10216" Comment="added 537 characters in body" --> Word Count (158)
 UserId="33349" --> Word Count (107)
 UserId="33349" --> Word Count (10)
 UserId="33349" --> Word Count (1)
 UserId="41092" --> Word Count (39)
 UserId="41092" --> Word Count (9)
 UserId="41092" --> Word Count (1)
 UserId="41092" Comment="added 9 characters in body" --> Word Count (41)
 UserId="924" Comment="edited body; edited title" --> Word Count (197)
 UserId="924" Comment="edited body; edited title" --> Word Count (8)
 UserId="26562" --> Word Count (338)
 UserId="26562" Comment="added 47 characters in body" --> Word Count (345)
 UserId="41109" --> Word Count (19)
 UserId="26562" Comment="Improved formatting, grammar and general readability" --> Word Count (109)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (83)
 UserId="37626" --> Word Count (23)
 UserId="37626" --> Word Count (4)
 UserId="37626" --> Word Count (1)
 UserId="37626" --> Word Count (328)
 UserId="29781" --> Word Count (162)
 UserId="29575" Comment="Minor formatting" --> Word Count (165)
 UserId="29575" Comment="Minor formatting" --> Word Count (88)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (51)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (131)
 UserId="29575" Comment="Minor formatting" --> Word Count (135)
 UserId="29575" Comment="Minor formatting" --> Word Count (157)
 UserId="40559" --> Word Count (210)
 UserId="40559" --> Word Count (8)
 UserId="40559" --> Word Count (1)
 UserId="41096" --> Word Count (49)
 UserId="40559" Comment="added 76 characters in body" --> Word Count (220)
 UserId="41131" --> Word Count (131)

UserId="41131" --> Word Count (5)
 UserId="41131" --> Word Count (1)
 UserId="41132" --> Word Count (159)
 UserId="41132" --> Word Count (4)
 UserId="41132" --> Word Count (1)
 UserId="33812" --> Word Count (224)
 UserId="33812" --> Word Count (52)
 UserId="33812" Comment="added 168 characters in body" --> Word Count (248)
 UserId="29575" Comment="Format code" --> Word Count (51)
 UserId="20903" --> Word Count (83)
 UserId="20903" --> Word Count (5)
 UserId="20903" --> Word Count (1)
 UserId="33812" --> Word Count (47)
 UserId="41128" --> Word Count (158)
 UserId="41128" --> Word Count (15)
 UserId="41128" --> Word Count (1)
 UserId="29781" --> Word Count (45)
 UserId="29575" Comment="Minor formatting" --> Word Count (153)
 UserId="29575" Comment="Attempt to clarify the math." --> Word Count (158)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="30914" --> Word Count (190)
 UserId="30914" --> Word Count (8)
 UserId="30914" --> Word Count (1)
 UserId="29575" --> Word Count (597)
 UserId="40388" --> Word Count (42)
 UserId="40388" --> Word Count (12)
 UserId="40388" --> Word Count (1)
 UserId="24162" --> Word Count (396)
 UserId="24162" --> Word Count (71)
 UserId="41155" --> Word Count (827)
 UserId="41155" --> Word Count (11)
 UserId="41155" --> Word Count (1)
 UserId="41155" Comment="corrected preference (previous edits were markup or spelling corrections)" --> Word Count (858)
 UserId="41162" --> Word Count (38)
 UserId="41162" --> Word Count (4)
 UserId="41162" --> Word Count (1)
 UserId="39234" --> Word Count (27)
 UserId="39513" --> Word Count (55)
 UserId="39513" Comment="Added link to Wikipedia article on Overfitting" --> Word Count (58)
 UserId="20903" Comment="deleted 88 characters in body" --> Word Count (70)
 UserId="30754" --> Word Count (77)
 UserId="30754" --> Word Count (7)
 UserId="30754" --> Word Count (1)
 UserId="26562" Comment="added kNN and decision tree examples" --> Word Count (434)
 UserId="924" --> Word Count (130)

UserId="29575" Comment="Minor grammar / formatting" --> Word Count (75)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (9)
 UserId="29575" Comment="Minor formatting" --> Word Count (88)
 UserId="29575" Comment="Format code" --> Word Count (182)
 UserId="41181" --> Word Count (107)
 UserId="35463" --> Word Count (82)
 UserId="35463" --> Word Count (15)
 UserId="35463" --> Word Count (1)
 UserId="35463" Comment="deleted 15 characters in body" --> Word Count (79)
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 UserId="23305" Comment="added 1 character in body; edited title" --> Word Count (182)
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 UserId="41240" Comment="added 482 characters in body" --> Word Count (84)
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UserId="201" --> Word Count (41)
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 UserId="41096" Comment="you wrote to add the input to the hidden state, instead of the projected condition variable. I've added a detail about using the Dense layer because the edit must be at least 6 characters" --> Word Count (835)

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 UserId="26562" Comment="improved latex formatting, minor spelling fix" --> Word Count (40)
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 UserId="41514" Text="**PROBLEM:**

Suppose if I have a small dataset containing some words and their tags/labels.
The main task is to provide tags to other words(which are not in the dataset) based on their contextual relationship with the words already in the dataset.

Let's say, for example, my custom dataset includes

Soap --> label__(cleaning_agent)
pencil--> label__(stationary_item)
mobile--> label__(electronics)
washingmachine--> label(electronics)
and so on.


I want my program to be able to correctly predict the label of an unknown word, e.g.

washing powder to its correct category
label__(cleaning_agent)
radio to label__(electronics) etc.

ACTIONS:

Now the main problem is to find the relation between two words based on context, but I am not able to decide what can be the parameters for finding that.

I have tried a naive approach using datamuse API and fastText library.

Naive approach is as follows->
step 1-> find all the related words of the given word(let's say W) e.g. pencil using datamuse API.
step 2-> combine them into a string(let's say S) with spaces in between them
step 3-> use the label name, W, S as the training dataset for fastText.

NOTE: fastText requires label name, word, sentence(can be from news articles, blogs, Wikipedia etc) as a context for that word.

RESULTS:
fast --> Word Count (79)
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 UserId="14675" --> Word Count (1)
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 UserId="38506" --> Word Count (9)
 UserId="38506" --> Word Count (1)
 UserId="29451" --> Word Count (85)
 UserId="41566" --> Word Count (195)
 UserId="41566" --> Word Count (10)
 UserId="41566" --> Word Count (1)
 UserId="41571" --> Word Count (12)
 UserId="26562" --> Word Count (171)
 UserId="31046" Comment="Even more details" --> Word Count (454)
 UserId="32599" --> Word Count (26)
 UserId="32599" --> Word Count (12)
 UserId="32599" --> Word Count (1)
 UserId="41525" --> Word Count (663)
 UserId="41525" Comment="Spelling, grammar" --> Word Count (669)
 UserId="41580" --> Word Count (62)
 UserId="41580" --> Word Count (4)
 UserId="41580" --> Word Count (1)
 UserId="41008" Comment="Simplified/clarified the question." --> Word Count (205)
 UserId="41008" Comment="Simplified/clarified the question." --> Word Count (17)
 UserId="41525" --> Word Count (206)
 UserId="41525" --> Word Count (342)
 UserId="41525" --> Word Count (114)
 UserId="41525" Comment="grammar" --> Word Count (125)
 UserId="29575" Comment="Clarify Question" --> Word Count (56)
 UserId="38506" --> Word Count (596)
 UserId="38506" --> Word Count (8)
 UserId="38506" --> Word Count (1)
 UserId="41525" --> Word Count (13)
 UserId="38506" Comment="via Vote" --> Word Count (1)
 UserId="38506" --> Word Count (1)
 UserId="38506" Comment="added 185 characters in body" --> Word Count (638)

UserId="38506" Comment="added 185 characters in body" --> Word Count (1)
 UserId="41525" Comment="need to specify the meaning of your table" --> Word Count (38)
 UserId="40898" --> Word Count (99)
 UserId="40898" --> Word Count (3)
 UserId="40898" --> Word Count (1)
 UserId="40853" --> Word Count (132)
 UserId="40029" --> Word Count (347)
 UserId="40029" --> Word Count (8)
 UserId="40029" --> Word Count (1)
 UserId="38506" Comment="added 27 characters in body; edited tags" --> Word Count (642)
 UserId="38506" Comment="added 27 characters in body; edited tags" --> Word Count (1)
 UserId="38506" Comment="added 27 characters in body; edited tags" --> Word Count (10)
 UserId="41525" Comment="added 2 characters in body" --> Word Count (206)
 UserId="33386" Comment="added 1 character in body" --> Word Count (57)
 UserId="13727" Comment="Trying to make it clearer" --> Word Count (259)
 UserId="41525" Comment="added 343 characters in body" --> Word Count (257)
 UserId="41597" --> Word Count (205)
 UserId="41597" --> Word Count (12)
 UserId="41597" --> Word Count (1)
 UserId="41597" Comment="deleted 9 characters in body" --> Word Count (204)
 UserId="29575" Comment="Clarify Question" --> Word Count (198)
 UserId="41597" Comment="added 6 characters in body" --> Word Count (198)
 UserId="29451" --> Word Count (52)
 UserId="29575" Comment="Add some paragraphs" --> Word Count (351)
 UserId="41602" --> Word Count (448)
 UserId="41602" --> Word Count (15)
 UserId="41602" --> Word Count (1)
 UserId="13618" --> Word Count (64)
 UserId="13618" --> Word Count (9)
 UserId="13618" --> Word Count (1)
 UserId="28175" Comment="added 73 characters in body" --> Word Count (170)
 UserId="8820" --> Word Count (157)
 UserId="8820" --> Word Count (13)
 UserId="8820" --> Word Count (1)
 UserId="41602" --> Word Count (270)
 UserId="29575" Comment="Add some paragraphs" --> Word Count (440)
 UserId="9518" --> Word Count (114)
 UserId="38887" --> Word Count (149)
 UserId="38887" --> Word Count (356)
 UserId="38887" --> Word Count (110)
 UserId="41611" --> Word Count (113)
 UserId="38887" --> Word Count (305)
 UserId="38887" Comment="added 336 characters in body; added 77 characters in body; added 1 character in body; added 14 characters in body" --> Word Count

(195)

UserId="28175" --> Word Count (24)
 UserId="28175" --> Word Count (11)
 UserId="28175" --> Word Count (1)
 UserId="38887" --> Word Count (256)
 UserId="38887" --> Word Count (203)
 UserId="41612" --> Word Count (140)
 UserId="41612" --> Word Count (11)
 UserId="41612" --> Word Count (1)
 UserId="28175" Comment="added 266 characters in body" --> Word Count (19)
 UserId="26562" --> Word Count (204)
 UserId="41618" --> Word Count (84)
 UserId="41616" --> Word Count (211)
 UserId="41616" --> Word Count (10)
 UserId="41616" --> Word Count (1)
 UserId="41617" --> Word Count (461)
 UserId="41293" --> Word Count (38)
 UserId="41293" --> Word Count (4)
 UserId="41293" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (85)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (193)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (120)
 UserId="38887" Comment="Please specify if you are talking about supervised
 (classification, regression) or unsupervised learning (clustering) as the answer
 is different for either case" --> Word Count (11)
 UserId="41620" --> Word Count (32)
 UserId="41620" --> Word Count (4)
 UserId="41620" --> Word Count (1)
 UserId="33202" --> Word Count (28)
 UserId="23305" --> Word Count (102)
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 UserId="39580" --> Word Count (13)
 UserId="39580" --> Word Count (1)
 UserId="41626" --> Word Count (216)
 UserId="41626" --> Word Count (9)
 UserId="41626" --> Word Count (1)
 UserId="924" --> Word Count (52)
 UserId="924" Comment="added 258 characters in body" --> Word Count (94)
 UserId="41629" --> Word Count (53)
 UserId="41629" --> Word Count (5)
 UserId="41629" --> Word Count (1)
 UserId="41629" Comment="edited tags" --> Word Count (1)
 UserId="28175" --> Word Count (132)
 UserId="28175" --> Word Count (10)
 UserId="28175" --> Word Count (1)
 UserId="8820" --> Word Count (1218)
 UserId="8820" --> Word Count (11)
 UserId="8820" --> Word Count (1)

UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="28175" Comment="edited title" --> Word Count (13)
 UserId="8820" --> Word Count (152)
 UserId="8820" Comment="added 610 characters in body" --> Word Count (1330)
 UserId="8820" Comment="deleted 17 characters in body" --> Word Count (1327)
 UserId="8820" Comment="deleted 761 characters in body" --> Word Count (54)
 UserId="26562" Comment="embedded image, inlined link, minor grammar improvements" --> Word Count (62)
 UserId="38887" Comment="added 345 characters in body" --> Word Count (360)
 UserId="38887" Comment="added 345 characters in body" --> Word Count (387)
 UserId="38887" Comment="added 24 characters in body" --> Word Count (256)
 UserId="14904" --> Word Count (137)
 UserId="38887" Comment="added 24 characters in body" --> Word Count (329)
 UserId="41385" Comment="added 449 characters in body" --> Word Count (143)
 UserId="836" --> Word Count (507)
 UserId="27665" --> Word Count (72)
 UserId="27665" Comment="added 148 characters in body" --> Word Count (88)
 UserId="28175" Comment="added 112 characters in body" --> Word Count (132)
 UserId="38887" --> Word Count (242)
 UserId="12341" --> Word Count (216)
 UserId="12341" --> Word Count (29)
 UserId="38887" --> Word Count (137)
 UserId="38887" Comment="added 337 characters in body" --> Word Count (155)
 UserId="8820" Comment="deleted 22 characters in body" --> Word Count (149)
 UserId="41073" Comment="linking original post" --> Word Count (329)
 UserId="24162" --> Word Count (215)
 UserId="37946" --> Word Count (171)
 UserId="37946" --> Word Count (19)
 UserId="37946" --> Word Count (1)
 UserId="24162" Comment="Python example" --> Word Count (662)
 UserId="29575" Comment="Format code" --> Word Count (182)
 UserId="8820" Comment="added 49 characters in body" --> Word Count (7)
 UserId="8820" Comment="added 57 characters in body" --> Word Count (3)
 UserId="24162" Comment="the salt" --> Word Count (739)
 UserId="1424" --> Word Count (390)
 UserId="41658" --> Word Count (97)
 UserId="41658" --> Word Count (8)
 UserId="41658" --> Word Count (1)
 UserId="1424" --> Word Count (301)
 UserId="9518" --> Word Count (76)
 UserId="28175" --> Word Count (219)
 UserId="28175" Comment="added 65 characters in body" --> Word Count (230)
 UserId="381" --> Word Count (75)
 UserId="381" Comment="added 259 characters in body" --> Word Count (122)
 UserId="38887" Comment="added 21 characters in body" --> Word Count (245)
 UserId="41663" --> Word Count (654)
 UserId="41672" --> Word Count (67)

UserId="41672" --> Word Count (6)
 UserId="41672" --> Word Count (1)
 UserId="836" Comment="Linking between questions not appropriate. I just copied the question over and ask that you delete the original" --> Word Count (383)
 UserId="41672" Comment="added 564 characters in body" --> Word Count (480)
 UserId="28175" Comment="some changes" --> Word Count (10)
 UserId="21406" --> Word Count (90)
 UserId="41525" --> Word Count (113)
 UserId="41675" --> Word Count (9)
 UserId="41525" --> Word Count (75)
 UserId="37946" Comment="added 58 characters in body" --> Word Count (183)
 UserId="41672" Comment="Included more model information" --> Word Count (504)
 UserId="41629" Comment="added 2 characters in body" --> Word Count (62)
 UserId="41525" --> Word Count (26)
 UserId="41220" --> Word Count (89)
 UserId="41220" --> Word Count (6)
 UserId="41220" --> Word Count (1)
 UserId="41684" --> Word Count (85)
 UserId="41684" --> Word Count (6)
 UserId="41684" --> Word Count (1)
 UserId="29575" Comment="Minor grammar" --> Word Count (86)
 UserId="41525" --> Word Count (33)
 UserId="41525" Comment="added 196 characters in body" --> Word Count (67)
 UserId="40075" --> Word Count (96)
 UserId="40075" --> Word Count (8)
 UserId="40075" --> Word Count (1)
 UserId="40853" --> Word Count (170)
 UserId="8752" --> Word Count (96)
 UserId="8752" --> Word Count (8)
 UserId="8752" --> Word Count (1)
 UserId="8752" Comment="edited body" --> Word Count (96)
 UserId="8752" Comment="added 104 characters in body" --> Word Count (99)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (86)
 UserId="41688" --> Word Count (96)
 UserId="41688" --> Word Count (12)
 UserId="41688" --> Word Count (1)
 UserId="8820" Comment="added 77 characters in body" --> Word Count (189)
 UserId="1426" --> Word Count (31)
 UserId="40853" Comment="added 1207 characters in body" --> Word Count (373)
 UserId="41419" --> Word Count (64)
 UserId="41419" --> Word Count (10)
 UserId="41419" --> Word Count (1)
 UserId="41525" --> Word Count (18)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (79)
 UserId="39590" Comment="Add new model with better prediction." --> Word Count (1015)
 UserId="1424" --> Word Count (158)
 UserId="14904" --> Word Count (158)

UserId="14904" --> Word Count (5)
 UserId="14904" --> Word Count (1)
 UserId="41036" --> Word Count (233)
 UserId="41036" --> Word Count (4)
 UserId="41036" --> Word Count (1)
 UserId="14904" --> Word Count (133)
 UserId="14904" Comment="edited title" --> Word Count (4)
 UserId="40867" --> Word Count (223)
 UserId="40867" --> Word Count (8)
 UserId="40867" --> Word Count (1)
 UserId="14904" Comment="added 223 characters in body" --> Word Count (157)
 UserId="14904" Comment="One letter was wrong" --> Word Count (157)
 UserId="8432" --> Word Count (101)
 UserId="8432" --> Word Count (14)
 UserId="8432" --> Word Count (1)
 UserId="41688" Comment="added 884 characters in body" --> Word Count (236)
 UserId="41036" --> Word Count (152)
 UserId="41036" --> Word Count (7)
 UserId="41036" --> Word Count (1)
 UserId="14904" --> Word Count (97)
 UserId="41701" --> Word Count (283)
 UserId="41701" --> Word Count (10)
 UserId="41701" --> Word Count (1)
 UserId="14904" --> Word Count (92)
 UserId="21608" Text="Okay, so from what I understand you need a scoring scheme rather than the scores themselves. I would suggest you to look into the --> Word Count (177)
 UserId="41675" Comment="added 1005 characters in body" --> Word Count (212)
 UserId="13736" --> Word Count (136)
 UserId="13736" --> Word Count (8)
 UserId="13736" --> Word Count (1)
 UserId="28175" Comment="I guess gradient descent is used much in machine learning, so I added machine learning tag. because machine learning experts may need this" --> Word Count (1)
 UserId="21" Comment="101" --> Word Count (3)
 UserId="21" Comment="102" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="101" --> Word Count (3)
 UserId="21" Comment="102" --> Word Count (3)
 UserId="41612" Comment="Added picture and snapshot of data" --> Word Count (184)
 UserId="41755" UserDisplayName="Aniekan Umoren" --> Word Count (2212)
 UserId="41755" UserDisplayName="Aniekan Umoren" --> Word Count (6)
 UserId="41755" UserDisplayName="Aniekan Umoren" --> Word Count (1)
 UserId="14829" --> Word Count (279)
 UserId="14829" --> Word Count (6)

UserId="14829" --> Word Count (1)
UserId="836" --> Word Count (599)
UserId="836" Comment="added 184 characters in body" --> Word Count (639)
UserId="836" Comment="added 184 characters in body" --> Word Count (726)
UserId="41705" --> Word Count (19)
UserId="41710" --> Word Count (145)
UserId="41710" --> Word Count (9)
UserId="41710" --> Word Count (1)
UserId="26562" --> Word Count (271)
UserId="20572" --> Word Count (471)
UserId="20572" Comment="added 40 characters in body" --> Word Count (471)
UserId="20572" Comment="added 40 characters in body" --> Word Count (466)
UserId="10640" Comment="Improved, hopefully, the clarity of the question.
Changed the title to reflect the actual question." --> Word Count (67)
UserId="10640" Comment="Improved, hopefully, the clarity of the question.
Changed the title to reflect the actual question." --> Word Count (6)
UserId="1330" --> Word Count (54)
UserId="21024" --> Word Count (102)
UserId="1330" --> Word Count (206)
UserId="1330" --> Word Count (53)
UserId="1330" --> Word Count (71)
UserId="1330" --> Word Count (52)
UserId="39588" --> Word Count (141)
UserId="39588" --> Word Count (13)
UserId="39588" --> Word Count (1)
UserId="39588" Comment="deleted 54 characters in body" --> Word Count (127)
UserId="39588" Comment="added 4 characters in body" --> Word Count (128)
UserId="31046" Comment="Updated with new errors :)" --> Word Count (496)
UserId="41720" --> Word Count (157)
UserId="41720" --> Word Count (8)
UserId="41720" --> Word Count (1)
UserId="836" --> Word Count (222)
UserId="836" Comment="added 396 characters in body" --> Word Count (292)
UserId="41726" --> Word Count (41)
UserId="41726" --> Word Count (13)
UserId="41726" --> Word Count (1)
UserId="41733" --> Word Count (352)
UserId="41736" --> Word Count (167)
UserId="41736" --> Word Count (10)
UserId="41736" --> Word Count (1)
UserId="41737" --> Word Count (276)
UserId="41737" --> Word Count (9)
UserId="41737" --> Word Count (1)
UserId="41736" Comment="Added more details." --> Word Count (193)
UserId="836" --> Word Count (188)
UserId="41736" Comment="Added more details." --> Word Count (206)
UserId="836" Comment="added 162 characters in body" --> Word Count (214)
UserId="836" Comment="added 178 characters in body" --> Word Count (241)

UserId="41741" --> Word Count (25)
 UserId="41741" --> Word Count (12)
 UserId="41741" --> Word Count (1)
 UserId="40853" --> Word Count (146)
 UserId="41747" --> Word Count (463)
 UserId="41747" --> Word Count (6)
 UserId="41747" --> Word Count (1)
 UserId="40891" --> Word Count (30)
 UserId="40891" --> Word Count (8)
 UserId="40891" --> Word Count (1)
 UserId="33375" --> Word Count (151)
 UserId="33375" --> Word Count (13)
 UserId="33375" --> Word Count (1)
 UserId="41750" --> Word Count (38)
 UserId="41750" --> Word Count (5)
 UserId="41750" --> Word Count (1)
 UserId="41668" --> Word Count (86)
 UserId="41668" --> Word Count (10)
 UserId="41668" --> Word Count (1)
 UserId="41752" --> Word Count (40)
 UserId="41668" Comment="added 621 characters in body" --> Word Count (182)
 UserId="17310" --> Word Count (79)
 UserId="17310" --> Word Count (6)
 UserId="17310" --> Word Count (1)
 UserId="41491" --> Word Count (58)
 UserId="41491" --> Word Count (5)
 UserId="41491" --> Word Count (1)
 UserId="41491" --> Word Count (26)
 UserId="41491" Comment="edited tags; edited title" --> Word Count (5)
 UserId="41491" Comment="edited tags; edited title" --> Word Count (1)
 UserId="41491" Comment="added 39 characters in body" --> Word Count (32)
 UserId="41626" Comment="Made it to the point" --> Word Count (90)
 UserId="27962" --> Word Count (29)
 UserId="41761" --> Word Count (113)
 UserId="41761" --> Word Count (5)
 UserId="41761" --> Word Count (1)
 UserId="40853" --> Word Count (92)
 UserId="41764" --> Word Count (31)
 UserId="40853" Comment="added 140 characters in body" --> Word Count (116)
 UserId="38892" --> Word Count (10)
 UserId="38892" Comment="added 72 characters in body" --> Word Count (18)
 UserId="836" Comment="deleted 1684 characters in body" --> Word Count (213)
 UserId="24162" --> Word Count (98)
 UserId="24162" --> Word Count (117)
 UserId="24162" --> Word Count (54)
 UserId="38892" Comment="added 71 characters in body" --> Word Count (29)
 UserId="24162" --> Word Count (299)
 UserId="41775" --> Word Count (38)

UserId="41775" --> Word Count (5)
 UserId="41775" --> Word Count (1)
 UserId="32860" --> Word Count (776)
 UserId="32860" --> Word Count (8)
 UserId="32860" --> Word Count (1)
 UserId="20572" Comment="typo" --> Word Count (472)
 UserId="9935" --> Word Count (134)
 UserId="41785" --> Word Count (91)
 UserId="41785" --> Word Count (13)
 UserId="41785" --> Word Count (1)
 UserId="41785" Comment="edited tags; edited title; edited tags; edited tags"
 --> Word Count (13)
 UserId="41785" Comment="edited tags; edited title; edited tags; edited tags"
 --> Word Count (1)
 UserId="41785" Comment="edited title" --> Word Count (11)
 UserId="41785" Comment="added 29 characters in body" --> Word Count (95)
 UserId="28917" --> Word Count (95)
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 UserId="38657" --> Word Count (130)
 UserId="28917" --> Word Count (124)
 UserId="41240" --> Word Count (46)
 UserId="28917" Comment="added 53 characters in body" --> Word Count (127)
 UserId="836" Comment="added 317 characters in body" --> Word Count (288)
 UserId="35930" --> Word Count (105)
 UserId="35930" --> Word Count (7)
 UserId="35930" --> Word Count (1)
 <DELETE> --> Word Count (203)
 <DELETE> --> Word Count (12)
 <DELETE> --> Word Count (1)
 UserId="38657" --> Word Count (109)
 UserId="41775" Comment="added 422 characters in body" --> Word Count (84)
 UserId="38892" --> Word Count (171)
 UserId="20572" --> Word Count (114)
 UserId="41525" --> Word Count (176)
 UserId="20572" --> Word Count (176)
 UserId="41525" --> Word Count (202)
 UserId="5091" --> Word Count (73)
 UserId="5091" --> Word Count (5)
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 UserId="33922" --> Word Count (123)
 UserId="29587" --> Word Count (279)
 UserId="33334" --> Word Count (407)
 UserId="33334" --> Word Count (10)
 UserId="33334" --> Word Count (1)
 UserId="41801" --> Word Count (82)
 UserId="41801" --> Word Count (6)
 UserId="41801" --> Word Count (1)

UserId="26009" --> Word Count (108)
 UserId="26009" --> Word Count (11)
 UserId="26009" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (79)
 UserId="33334" Comment="added 131 characters in body" --> Word Count (430)
 UserId="14904" --> Word Count (76)
 UserId="2968" Comment="aligned columns of the table" --> Word Count (470)
 UserId="14904" Comment="added 158 characters in body" --> Word Count (88)
 UserId="30693" --> Word Count (79)
 UserId="30693" --> Word Count (6)
 UserId="30693" --> Word Count (1)
 UserId="40853" --> Word Count (155)
 UserId="30693" Comment="added 27 characters in body; edited title" --> Word Count (85)
 UserId="30693" Comment="added 27 characters in body; edited title" --> Word Count (11)
 UserId="40853" --> Word Count (69)
 UserId="40853" --> Word Count (79)
 UserId="13748" Comment="Removed unnecessary thanks and changed a bit of grammar" --> Word Count (72)
 UserId="13748" Comment="Removed unnecessary thanks and changed a bit of grammar" --> Word Count (6)
 UserId="40736" --> Word Count (193)
 UserId="40736" --> Word Count (12)
 UserId="40736" --> Word Count (1)
 UserId="13748" --> Word Count (89)
 UserId="27665" --> Word Count (131)
 UserId="26761" --> Word Count (1280)
 UserId="26761" --> Word Count (7)
 UserId="26761" --> Word Count (1)
 UserId="21608" --> Word Count (184)
 UserId="27665" Comment="added 15 characters in body" --> Word Count (134)
 UserId="31948" --> Word Count (263)
 UserId="31948" --> Word Count (7)
 UserId="31948" --> Word Count (1)
 UserId="41525" --> Word Count (16)
 UserId="9935" Comment="This is not a big data question, nor a power bi question." --> Word Count (1)
 UserId="28175" Comment="added 6 characters in body" --> Word Count (194)
 UserId="41814" --> Word Count (107)
 UserId="41814" --> Word Count (7)
 UserId="41814" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (31)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (128)
 UserId="41816" --> Word Count (38)
 UserId="20749" --> Word Count (114)
 UserId="20749" --> Word Count (15)
 UserId="20749" --> Word Count (1)

UserId="16416" --> Word Count (99)
 UserId="16416" --> Word Count (4)
 UserId="16416" --> Word Count (1)
 UserId="29217" --> Word Count (81)
 UserId="29575" Comment="Add some paragraphs" --> Word Count (96)
 UserId="26761" --> Word Count (248)
 UserId="41823" --> Word Count (30)
 UserId="41823" --> Word Count (11)
 UserId="41823" --> Word Count (1)
 UserId="26761" Comment="better alignment" --> Word Count (244)
 UserId="41825" --> Word Count (137)
 UserId="41825" --> Word Count (4)
 UserId="41825" --> Word Count (1)
 UserId="29575" Comment="Format list" --> Word Count (138)
 UserId="41825" Comment="added 10 characters in body" --> Word Count (139)
 UserId="41828" --> Word Count (43)
 UserId="41828" --> Word Count (13)
 UserId="41828" --> Word Count (1)
 UserId="41036" --> Word Count (67)
 UserId="41036" --> Word Count (4)
 UserId="41036" --> Word Count (1)
 UserId="8752" --> Word Count (92)
 UserId="9935" Comment="added 9 characters in body" --> Word Count (137)
 UserId="24162" --> Word Count (210)
 UserId="27665" --> Word Count (89)
 UserId="8432" --> Word Count (85)
 UserId="8432" --> Word Count (9)
 UserId="8432" --> Word Count (1)
 UserId="836" --> Word Count (108)
 UserId="41843" --> Word Count (108)
 UserId="41844" --> Word Count (258)
 UserId="41844" --> Word Count (15)
 UserId="41844" --> Word Count (1)
 UserId="27665" Comment="refine tags." --> Word Count (1)
 UserId="9306" Comment="website changed name and branding" --> Word Count (89)
 UserId="41847" --> Word Count (110)
 UserId="41847" --> Word Count (76)
 UserId="29575" Comment="Format list" --> Word Count (110)
 UserId="40853" Comment="appended new link" --> Word Count (79)
 UserId="41849" --> Word Count (270)
 UserId="41849" --> Word Count (10)
 UserId="41849" --> Word Count (1)
 UserId="40853" --> Word Count (336)
 UserId="27665" Comment="refine tags." --> Word Count (1)
 UserId="41854" --> Word Count (205)
 UserId="41854" --> Word Count (49)
 UserId="40853" --> Word Count (184)
 UserId="41857" --> Word Count (118)

UserId="41857" --> Word Count (8)
 UserId="41857" --> Word Count (1)
 UserId="13727" --> Word Count (53)
 UserId="41525" Comment="Too verbose, contains irrelevant information. " -->
 Word Count (163)
 UserId="41525" Comment="Too verbose, contains irrelevant information. " -->
 Word Count (1)
 UserId="27665" Comment="Correct A typo + Remove "Thank you!";" -->
 Word Count (66)
 UserId="27665" Comment="Correct A typo + Remove "Thank you!";" -->
 Word Count (4)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (223)
 UserId="40853" --> Word Count (87)
 UserId="29587" --> Word Count (89)
 UserId="40853" --> Word Count (286)
 UserId="40853" Comment="Appended a new link" --> Word Count (300)
 UserId="29217" --> Word Count (52)
 UserId="38351" --> Word Count (183)
 UserId="38351" --> Word Count (15)
 UserId="38351" --> Word Count (1)
 UserId="16853" --> Word Count (77)
 UserId="16853" --> Word Count (4)
 UserId="16853" --> Word Count (1)
 UserId="32860" --> Word Count (205)
 UserId="32860" --> Word Count (3)
 UserId="32860" --> Word Count (1)
 UserId="41881" --> Word Count (73)
 UserId="41881" --> Word Count (7)
 UserId="41881" --> Word Count (1)
 UserId="40029" --> Word Count (68)
 UserId="40029" --> Word Count (14)
 UserId="40029" --> Word Count (1)
 UserId="40904" --> Word Count (71)
 UserId="40904" --> Word Count (6)
 UserId="40904" --> Word Count (1)
 UserId="8820" --> Word Count (681)
 UserId="8820" --> Word Count (12)
 UserId="8820" --> Word Count (1)
 UserId="40879" --> Word Count (94)
 UserId="40879" --> Word Count (8)
 UserId="40879" --> Word Count (1)
 UserId="29451" --> Word Count (69)
 UserId="40904" Comment="added 1369 characters in body; added 31 characters in
 body" --> Word Count (707)
 UserId="41886" --> Word Count (119)
 UserId="41886" --> Word Count (220)
 UserId="41888" --> Word Count (274)
 UserId="41888" --> Word Count (10)

UserId="41888" --> Word Count (1)
 UserId="29451" --> Word Count (82)
 UserId="41886" --> Word Count (175)
 UserId="10683" Comment="Explicitly stated more math steps" --> Word Count (277)
 UserId="41894" --> Word Count (93)
 UserId="41894" --> Word Count (7)
 UserId="41894" --> Word Count (1)
 UserId="41894" Comment="added 487 characters in body" --> Word Count (206)
 UserId="41888" Comment="added 4 characters in body" --> Word Count (275)
 UserId="41897" --> Word Count (464)
 UserId="41897" --> Word Count (16)
 UserId="41897" --> Word Count (1)
 UserId="41460" --> Word Count (489)
 UserId="41460" --> Word Count (7)
 UserId="41460" --> Word Count (1)
 UserId="41525" --> Word Count (208)
 UserId="41525" --> Word Count (411)
 UserId="41525" --> Word Count (118)
 UserId="40853" --> Word Count (201)
 UserId="40853" --> Word Count (170)
 UserId="39845" --> Word Count (136)
 UserId="39845" --> Word Count (67)
 UserId="40853" --> Word Count (125)
 UserId="41913" --> Word Count (260)
 UserId="41913" --> Word Count (7)
 UserId="41913" --> Word Count (1)
 UserId="29575" Comment="Add images" --> Word Count (249)
 UserId="40904" Comment="added 114 characters in body" --> Word Count (727)
 UserId="40853" --> Word Count (69)
 UserId="29575" Comment="Format math" --> Word Count (165)
 UserId="5091" --> Word Count (83)
 UserId="5091" --> Word Count (8)
 UserId="5091" --> Word Count (1)
 UserId="38351" Comment="deleted 45 characters in body" --> Word Count (162)
 UserId="41886" --> Word Count (94)
 UserId="40853" Comment="fixed grammar" --> Word Count (127)
 UserId="8820" Comment="added 34 characters in body" --> Word Count (685)
 UserId="-1" Comment="102" --> Word Count (3)
 UserId="8820" Comment="added 256 characters in body" --> Word Count (713)
 UserId="38887" --> Word Count (122)
 UserId="40853" Comment="Improved Formatting" --> Word Count (73)
 UserId="10683" Comment="fixed typo (a number was mistyped, which is very important for the math to work out correctly)" --> Word Count (356)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (116)
 UserId="41525" Comment="spelling" --> Word Count (119)
 UserId="40853" --> Word Count (135)
 UserId="18818" --> Word Count (91)
 UserId="18818" --> Word Count (23)

UserId="18818" --> Word Count (1)
 UserId="41922" --> Word Count (617)
 UserId="41922" --> Word Count (9)
 UserId="41922" --> Word Count (1)
 UserId="8820" --> Word Count (34)
 UserId="8820" --> Word Count (10)
 UserId="8820" --> Word Count (1)
 UserId="8878" --> Word Count (243)
 UserId="24162" --> Word Count (108)
 UserId="41557" --> Word Count (62)
 UserId="41557" --> Word Count (16)
 UserId="41557" --> Word Count (1)
 UserId="15883" --> Word Count (244)
 UserId="15883" --> Word Count (5)
 UserId="15883" --> Word Count (1)
 UserId="15883" Comment="added 84 characters in body" --> Word Count (247)
 UserId="41922" --> Word Count (864)
 UserId="41922" --> Word Count (10)
 UserId="41922" --> Word Count (1)
 UserId="24162" --> Word Count (75)
 UserId="24162" --> Word Count (136)
 UserId="24162" Comment="auto size" --> Word Count (126)
 UserId="24162" --> Word Count (64)
 UserId="41886" --> Word Count (273)
 UserId="-1" Comment="104" --> Word Count (3)
 UserId="-1" Comment="104" --> Word Count (3)
 UserId="29451" --> Word Count (166)
 UserId="41886" --> Word Count (271)
 UserId="41888" --> Word Count (39)
 UserId="41888" --> Word Count (9)
 UserId="41888" --> Word Count (1)
 UserId="41913" --> Word Count (69)
 UserId="41913" --> Word Count (6)
 UserId="41913" --> Word Count (1)
 UserId="41478" --> Word Count (287)
 UserId="41478" --> Word Count (10)
 UserId="41478" --> Word Count (1)
 UserId="41886" --> Word Count (353)
 UserId="29781" --> Word Count (113)
 UserId="29781" Comment="table added" --> Word Count (126)
 UserId="16911" --> Word Count (341)
 UserId="16911" --> Word Count (6)
 UserId="16911" --> Word Count (1)
 UserId="41948" --> Word Count (158)
 UserId="41948" --> Word Count (8)
 UserId="41948" --> Word Count (1)
 UserId="23305" --> Word Count (162)
 UserId="29781" Comment="added 302 characters in body" --> Word Count (176)

UserId="23305" Comment="edited tags; edited title" --> Word Count (8)
UserId="23305" Comment="edited tags; edited title" --> Word Count (1)
UserId="26562" Comment="edited title" --> Word Count (11)
UserId="-1" Comment="102" --> Word Count (3)
UserId="41957" --> Word Count (72)
UserId="41957" --> Word Count (9)
UserId="41957" --> Word Count (1)
UserId="40853" --> Word Count (232)
UserId="41960" --> Word Count (49)
UserId="41886" --> Word Count (60)
UserId="41525" --> Word Count (68)
UserId="41525" --> Word Count (7)
UserId="41525" --> Word Count (1)
UserId="41525" --> Word Count (49)
UserId="32940" --> Word Count (312)
UserId="32940" --> Word Count (14)
UserId="32940" --> Word Count (1)
UserId="41965" --> Word Count (75)
UserId="23644" --> Word Count (147)
UserId="23644" --> Word Count (11)
UserId="23644" --> Word Count (1)
UserId="201" --> Word Count (108)
UserId="201" --> Word Count (67)
UserId="38351" Comment="edited title" --> Word Count (13)
UserId="29781" --> Word Count (86)
UserId="41968" --> Word Count (199)
UserId="41968" --> Word Count (5)
UserId="41968" --> Word Count (1)
UserId="41968" Comment="edited tags" --> Word Count (1)
UserId="41968" Comment="via Vote" --> Word Count (1)
UserId="41968" --> Word Count (1)
UserId="41968" Comment="added 238 characters in body" --> Word Count (270)
UserId="20572" --> Word Count (923)
UserId="31316" --> Word Count (180)
UserId="31316" --> Word Count (6)
UserId="31316" --> Word Count (1)
UserId="40853" --> Word Count (126)
UserId="40853" Comment="added one more package" --> Word Count (85)
UserId="41975" --> Word Count (211)
UserId="41975" --> Word Count (7)
UserId="41975" --> Word Count (1)
UserId="24162" --> Word Count (198)
UserId="24162" Comment="py example" --> Word Count (426)
UserId="836" Comment="Tidy grammar and spelling" --> Word Count (206)
UserId="41979" --> Word Count (91)
UserId="41979" --> Word Count (14)
UserId="41979" --> Word Count (1)
UserId="40853" Comment="Fixed Grammar and Formatted" --> Word Count (347)

UserId="40853" Comment="Fixed Grammar and Formatted" --> Word Count (6)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (34)
 UserId="21" Comment="103" --> Word Count (4)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="41557" Comment="added 200 characters in body" --> Word Count (88)
 UserId="40029" --> Word Count (51)
 UserId="41982" --> Word Count (125)
 UserId="41982" --> Word Count (8)
 UserId="41982" --> Word Count (1)
 UserId="41639" --> Word Count (296)
 UserId="41639" --> Word Count (7)
 UserId="41639" --> Word Count (1)
 UserId="41886" --> Word Count (144)
 UserId="20492" --> Word Count (87)
 UserId="41985" --> Word Count (110)
 UserId="24162" --> Word Count (1395)
 UserId="40557" --> Word Count (481)
 UserId="40557" --> Word Count (9)
 UserId="40557" --> Word Count (1)
 UserId="41990" --> Word Count (178)
 UserId="41990" --> Word Count (4)
 UserId="41990" --> Word Count (1)
 UserId="41993" --> Word Count (263)
 UserId="41993" --> Word Count (10)
 UserId="41993" --> Word Count (1)
 UserId="41995" --> Word Count (66)
 UserId="41995" --> Word Count (11)
 UserId="41995" --> Word Count (1)
 UserId="41525" Comment="spelling" --> Word Count (49)
 UserId="29781" Comment="added 6 characters in body" --> Word Count (177)
 UserId="42000" --> Word Count (207)
 UserId="42000" --> Word Count (3)
 UserId="42000" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (227)
 UserId="42002" --> Word Count (100)
 UserId="42002" Comment="added 21 characters in body" --> Word Count (103)
 UserId="32940" Comment="Grammar, and added the recent discovery that I'm the proud inventor of cross-validation." --> Word Count (318)
 UserId="40853" --> Word Count (169)
 UserId="40853" --> Word Count (41)
 UserId="42008" --> Word Count (122)
 UserId="42008" --> Word Count (7)
 UserId="42008" --> Word Count (1)
 UserId="40853" Comment="gave more explanation" --> Word Count (88)
 UserId="40853" Comment="deleted 72 characters in body" --> Word Count (78)
 UserId="38351" Comment="edited title" --> Word Count (6)
 UserId="40853" --> Word Count (148)
 UserId="41886" --> Word Count (506)

UserId="41463" --> Word Count (75)
 UserId="41463" --> Word Count (11)
 UserId="41463" --> Word Count (1)
 UserId="41886" --> Word Count (230)
 UserId="40853" --> Word Count (246)
 UserId="40853" --> Word Count (14)
 UserId="40853" --> Word Count (1)
 UserId="40853" Comment="via Vote" --> Word Count (1)
 UserId="41886" --> Word Count (69)
 UserId="42009" --> Word Count (37)
 UserId="42009" --> Word Count (14)
 UserId="42009" --> Word Count (1)
 UserId="40853" --> Word Count (231)
 UserId="29575" Comment="Minor formatting" --> Word Count (227)
 UserId="40853" --> Word Count (1)
 UserId="32963" Text="I want to analyse the Price situation for flat/appartements
 in my City.

How can I process the --> Word Count (41)
 UserId="32963" --> Word Count (4)
 UserId="32963" --> Word Count (1)
 UserId="41525" --> Word Count (215)
 UserId="29781" --> Word Count (155)
 UserId="41525" --> Word Count (113)
 UserId="14904" --> Word Count (119)
 UserId="27613" --> Word Count (64)
 UserId="41929" --> Word Count (326)
 UserId="41929" --> Word Count (11)
 UserId="41929" --> Word Count (1)
 UserId="39820" --> Word Count (90)
 UserId="39820" --> Word Count (10)
 UserId="39820" --> Word Count (1)
 UserId="39820" Comment="added 231 characters in body" --> Word Count (126)
 UserId="39820" Comment="added 231 characters in body" --> Word Count (150)
 UserId="41929" --> Word Count (341)
 UserId="41929" --> Word Count (8)
 UserId="41929" --> Word Count (1)
 UserId="2932" --> Word Count (171)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (73)
 UserId="42029" --> Word Count (124)
 UserId="42029" --> Word Count (10)
 UserId="42029" --> Word Count (1)
 UserId="42031" --> Word Count (237)
 UserId="42031" --> Word Count (12)
 UserId="42031" --> Word Count (1)
 UserId="-1" Comment="Each lambda function needs its own condition in the call to
 np.piecewise()." --> Word Count (175)
 UserId="41886" --> Word Count (187)
 UserId="42031" Comment="edited title" --> Word Count (10)
 UserId="42029" Comment="edited title" --> Word Count (10)

UserId="41886" Comment="added 373 characters in body" --> Word Count (251)
 UserId="24162" --> Word Count (350)
 UserId="41886" --> Word Count (182)
 UserId="41886" --> Word Count (9)
 UserId="41886" --> Word Count (1)
 UserId="40240" --> Word Count (206)
 UserId="40240" --> Word Count (10)
 UserId="40240" --> Word Count (1)
 UserId="42042" --> Word Count (218)
 UserId="41886" --> Word Count (64)
 UserId="6488" --> Word Count (140)
 UserId="6488" --> Word Count (8)
 UserId="6488" --> Word Count (1)
 UserId="26444" --> Word Count (29)
 UserId="26444" --> Word Count (10)
 UserId="26444" --> Word Count (1)
 UserId="26243" --> Word Count (80)
 UserId="26243" --> Word Count (21)
 UserId="42044" --> Word Count (71)
 UserId="42046" --> Word Count (175)
 UserId="42046" --> Word Count (9)
 UserId="42046" --> Word Count (1)
 UserId="13335" --> Word Count (32)
 UserId="41755" --> Word Count (1830)
 UserId="41755" --> Word Count (6)
 UserId="41755" --> Word Count (1)
 UserId="42049" --> Word Count (65)
 UserId="42049" --> Word Count (9)
 UserId="42049" --> Word Count (1)
 UserId="42046" Comment="edited tags" --> Word Count (1)
 UserId="33183" --> Word Count (29)
 UserId="33183" --> Word Count (6)
 UserId="33183" --> Word Count (1)
 UserId="18818" Comment="added 989 characters in body" --> Word Count (206)
 UserId="836" --> Word Count (189)
 UserId="17041" --> Word Count (70)
 UserId="17041" --> Word Count (6)
 UserId="17041" --> Word Count (1)
 UserId="40853" --> Word Count (59)
 UserId="32963" --> Word Count (22)
 UserId="32963" --> Word Count (4)
 UserId="32963" --> Word Count (1)
 UserId="14675" Text="Yes, GANs can be used for text. However, there is a problem in the combination of how GANs work and how text is normally generated by neural networks:

* GANs work by propagating gradients through the composition of Generator and Discriminator.
* --> Word Count (147)
 UserId="40853" --> Word Count (66)
 UserId="40853" Comment="Improved Formatting" --> Word Count (71)

UserId="13748" --> Word Count (284)
 UserId="29575" Comment="Minor formatting" --> Word Count (67)
 UserId="29575" Comment="Clarify Question" --> Word Count (40)
 UserId="29575" Comment="Clarify Question" --> Word Count (15)
 UserId="29575" Comment="Clarify Question" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (25)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="101" --> Word Count (4)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="42058" --> Word Count (208)
 UserId="42058" --> Word Count (7)
 UserId="42058" --> Word Count (1)
 UserId="17959" --> Word Count (49)
 UserId="42058" Comment="added 60 characters in body" --> Word Count (218)
 UserId="42058" Comment="added 26 characters in body" --> Word Count (222)
 UserId="27665" --> Word Count (61)
 UserId="42058" Comment="edited title" --> Word Count (8)
 UserId="3563" --> Word Count (48)
 UserId="3563" --> Word Count (14)
 UserId="3563" --> Word Count (1)
 UserId="1330" --> Word Count (44)
 UserId="40853" --> Word Count (73)
 UserId="41812" --> Word Count (96)
 UserId="41812" --> Word Count (3)
 UserId="41812" --> Word Count (1)
 UserId="29575" Comment="Minor grammar" --> Word Count (44)
 UserId="40853" Comment="Improved Formatting" --> Word Count (96)
 UserId="836" --> Word Count (143)
 UserId="836" Comment="added 743 characters in body" --> Word Count (279)
 UserId="41747" Comment="Added a graph as requested" --> Word Count (506)
 UserId="42058" --> Word Count (23)
 UserId="2968" --> Word Count (107)
 UserId="42074" --> Word Count (536)
 UserId="39331" --> Word Count (34)
 UserId="39331" --> Word Count (9)
 UserId="39331" --> Word Count (1)
 UserId="42076" --> Word Count (160)
 UserId="42076" --> Word Count (8)
 UserId="42076" --> Word Count (1)
 UserId="32230" --> Word Count (24)
 UserId="32230" --> Word Count (7)
 UserId="32230" --> Word Count (1)
 UserId="40750" --> Word Count (109)
 UserId="41629" --> Word Count (114)
 UserId="41629" --> Word Count (8)

UserId="41629" --> Word Count (1)
 UserId="40750" --> Word Count (35)
 UserId="40853" --> Word Count (140)
 UserId="40750" --> Word Count (110)
 UserId="40853" Comment="Added an important point" --> Word Count (209)
 UserId="42081" --> Word Count (266)
 UserId="42081" --> Word Count (14)
 UserId="42081" --> Word Count (1)
 UserId="41886" --> Word Count (154)
 UserId="34204" Comment="added code sample" --> Word Count (347)
 UserId="40750" --> Word Count (201)
 UserId="24162" --> Word Count (93)
 UserId="42094" --> Word Count (339)
 UserId="42094" --> Word Count (7)
 UserId="42094" --> Word Count (1)
 UserId="24162" Comment="added 2 characters in body" --> Word Count (98)
 UserId="836" Comment="Highlight quotes" --> Word Count (341)
 UserId="32963" --> Word Count (296)
 UserId="32963" --> Word Count (3)
 UserId="32963" --> Word Count (1)
 UserId="836" --> Word Count (200)
 UserId="32963" Comment="added 189 characters in body" --> Word Count (324)
 UserId="836" Comment="added 206 characters in body" --> Word Count (241)
 UserId="836" Comment="added 143 characters in body" --> Word Count (260)
 UserId="32963" --> Word Count (65)
 UserId="32963" --> Word Count (7)
 UserId="32963" --> Word Count (1)
 UserId="836" Comment="added 46 characters in body" --> Word Count (266)
 UserId="8432" --> Word Count (70)
 UserId="8432" --> Word Count (10)
 UserId="8432" --> Word Count (1)
 UserId="37808" --> Word Count (143)
 UserId="37808" --> Word Count (12)
 UserId="37808" --> Word Count (1)
 UserId="836" --> Word Count (246)
 UserId="12527" Comment="added 159 characters in body" --> Word Count (463)
 UserId="32963" Comment="added 995 characters in body" --> Word Count (582)
 UserId="32860" --> Word Count (63)
 UserId="32860" --> Word Count (5)
 UserId="32860" --> Word Count (1)
 UserId="32860" Comment="added 384 characters in body" --> Word Count (135)
 UserId="924" --> Word Count (26)
 UserId="40750" --> Word Count (118)
 UserId="29575" Comment="Add link to paper" --> Word Count (335)
 UserId="29575" Comment="Minor grammar" --> Word Count (29)
 UserId="39820" Comment="added 118 characters in body; edited title" --> Word Count (167)
 UserId="39820" Comment="added 118 characters in body; edited title" --> Word

Count (10)

UserId="39820" Comment="deleted 561 characters in body" --> Word Count (80)

UserId="39820" --> Word Count (55)

UserId="42111" --> Word Count (148)

UserId="42111" --> Word Count (6)

UserId="42111" --> Word Count (1)

UserId="40853" Comment="Improved Formatting" --> Word Count (51)

UserId="41886" --> Word Count (157)

UserId="843" --> Word Count (56)

UserId="843" --> Word Count (9)

UserId="843" --> Word Count (1)

UserId="13603" --> Word Count (65)

UserId="41463" --> Word Count (181)

UserId="41463" --> Word Count (9)

UserId="41463" --> Word Count (1)

UserId="41463" Comment="added 102 characters in body" --> Word Count (209)

UserId="41629" Comment="deleted 73 characters in body; edited tags; edited title" --> Word Count (102)

UserId="41629" Comment="deleted 73 characters in body; edited tags; edited title" --> Word Count (8)

UserId="41629" Comment="deleted 73 characters in body; edited tags; edited title" --> Word Count (1)

UserId="2511" --> Word Count (87)

UserId="41629" Comment="edited title" --> Word Count (9)

UserId="20572" --> Word Count (150)

UserId="42121" --> Word Count (20)

UserId="42121" --> Word Count (9)

UserId="42121" --> Word Count (1)

UserId="42123" --> Word Count (25)

UserId="42123" --> Word Count (3)

UserId="42123" --> Word Count (1)

UserId="40853" --> Word Count (115)

UserId="29967" --> Word Count (43)

UserId="29967" --> Word Count (11)

UserId="29967" --> Word Count (1)

UserId="42128" --> Word Count (77)

UserId="42128" --> Word Count (7)

UserId="42128" --> Word Count (1)

UserId="26019" --> Word Count (59)

UserId="42133" --> Word Count (73)

UserId="42133" --> Word Count (12)

UserId="42133" --> Word Count (1)

UserId="29575" Comment="Minor grammar / formatting" --> Word Count (165)

UserId="9114" --> Word Count (134)

UserId="42074" --> Word Count (113)

UserId="42134" --> Word Count (354)

UserId="42139" --> Word Count (107)

UserId="9114" Comment="deleted 7 characters in body" --> Word Count (166)

UserId="26019" Comment="added 1 character in body" --> Word Count (59)
 UserId="24000" Comment="Reformatted" --> Word Count (377)
 UserId="28175" Comment="deleted 2 characters in body" --> Word Count (131)
 UserId="29575" Comment="Add some paragraphs" --> Word Count (135)
 UserId="20572" Comment="Add some paragraphs" --> Word Count (235)
 UserId="40853" Comment="Improved Formatting" --> Word Count (24)
 UserId="2961" Comment="improved formatting" --> Word Count (56)
 UserId="40853" Comment="Improved Formatting" Text="As there is no answer yet I would try to give an some useful answer.

Including the constants definitions would help a bit to understand the provided code.

Generally speaking a batch uses n times a record or an item. How do you define an item depends on your Business Problem. In tensorflow a batch is encoded in the first dimension of a tensor. In your case it is csv file, it might be line by line `reader=tf. --> Word Count (41)
 UserId="41886" --> Word Count (122)
 UserId="41886" Comment="added appropriate tag" --> Word Count (1)
 UserId="15394" --> Word Count (229)
 UserId="15394" --> Word Count (18)
 UserId="15394" --> Word Count (1)
 UserId="29575" Comment="Clarify operation" --> Word Count (597)
 UserId="29575" Comment="Rollback to [a55014c8-22f7-4e79-bb1d-58bd30f025fd]" --> Word Count (597)
 UserId="29575" Comment="Fix typo" --> Word Count (597)
 UserId="41463" Comment="added 2 characters in body" --> Word Count (209)
 UserId="924" --> Word Count (41)
 UserId="32963" --> Word Count (41)
 UserId="32963" --> Word Count (8)
 UserId="32963" --> Word Count (1)
 UserId="41525" --> Word Count (194)
 UserId="41463" Comment="added 6 characters in body" --> Word Count (209)
 UserId="40853" --> Word Count (48)
 UserId="42170" --> Word Count (65)
 UserId="42170" --> Word Count (4)
 UserId="42170" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (62)
 UserId="42170" Comment="Improved Formatting" --> Word Count (66)
 UserId="40853" --> Word Count (158)
 UserId="41629" Comment="Add more descriptions" --> Word Count (150)
 UserId="41629" Comment="Add more descriptions" --> Word Count (9)
 UserId="42173" --> Word Count (131)
 UserId="42173" --> Word Count (9)
 UserId="42173" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (342)
 UserId="40853" Comment="Improved Formatting" --> Word Count (419)
 UserId="40853" --> Word Count (267)
 UserId="40853" Comment="fixed some issues" --> Word Count (271)
 UserId="28011" Comment="Rollback to [0ad8e477-529d-48e3-b8ea-9ee08b61e567] - Edit approval overridden by post owner or moderator" Text="As there is no answer

yet I want to try to give an at least somehow useful answer.
Including the constants definitions would help a bit to understand the provided code.

Generally speaking a batch uses n times a record or item. How you define an item depends on your problem. In tensorflow the batch is encoded in the first dimension of a tensor. In your case with the csv file it might be line by line (`reader=tf. --> Word Count (37)

UserId="924" --> Word Count (90)

UserId="924" Comment="not silhouette." --> Word Count (40)

UserId="40853" Comment="wrong value" --> Word Count (48)

UserId="40853" --> Word Count (100)

UserId="14588" --> Word Count (353)

UserId="14588" Comment="add comments" --> Word Count (505)

UserId="40853" Comment="Appended a new command" --> Word Count (121)

UserId="26009" --> Word Count (99)

UserId="26009" --> Word Count (6)

UserId="26009" --> Word Count (1)

UserId="2532" --> Word Count (60)

UserId="14904" --> Word Count (294)

UserId="14904" --> Word Count (5)

UserId="14904" --> Word Count (1)

UserId="29575" Comment="Remove extra commentary" --> Word Count (36)

UserId="42200" --> Word Count (139)

UserId="42200" --> Word Count (7)

UserId="42200" --> Word Count (1)

UserId="41886" --> Word Count (98)

UserId="42202" --> Word Count (103)

UserId="42202" --> Word Count (7)

UserId="42202" --> Word Count (1)

UserId="42202" Comment="added 10 characters in body" --> Word Count (92)

UserId="42204" --> Word Count (76)

UserId="42204" --> Word Count (3)

UserId="42204" --> Word Count (1)

UserId="14904" --> Word Count (155)

UserId="40853" Comment="Appended a command to replace NA's" --> Word Count (518)

UserId="29575" Comment="Format code" --> Word Count (201)

UserId="21" Comment="102" --> Word Count (3)

UserId="42218" --> Word Count (121)

UserId="42218" --> Word Count (11)

UserId="42218" --> Word Count (1)

UserId="40853" --> Word Count (184)

UserId="42210" --> Word Count (157)

UserId="42210" --> Word Count (11)

UserId="42210" --> Word Count (1)

UserId="40853" Comment="Improved Formatting" --> Word Count (154)

UserId="42210" Comment="added 9 characters in body" --> Word Count (155)

UserId="42220" --> Word Count (73)

UserId="42220" --> Word Count (8)

UserId="42220" --> Word Count (1)
 UserId="41886" --> Word Count (95)
 UserId="29967" --> Word Count (140)
 UserId="29967" --> Word Count (8)
 UserId="29967" --> Word Count (1)
 UserId="32296" --> Word Count (716)
 UserId="42224" --> Word Count (94)
 UserId="42224" Text=" --> Word Count (5)
 UserId="42224" --> Word Count (1)
 UserId="42225" --> Word Count (30)
 UserId="42225" --> Word Count (13)
 UserId="42225" --> Word Count (1)
 UserId="42229" --> Word Count (55)
 UserId="42229" --> Word Count (15)
 UserId="42229" --> Word Count (1)
 UserId="42229" Comment="added 77 characters in body" --> Word Count (67)
 UserId="40853" Comment="Improved Formatting" --> Word Count (54)
 UserId="42225" Comment="adding reference document" --> Word Count (78)
 UserId="40853" Comment="Improved Formatting" --> Word Count (72)
 UserId="42200" Comment="added 600 characters in body" --> Word Count (222)
 UserId="42229" Comment="deleted 81 characters in body" --> Word Count (85)
 UserId="8820" --> Word Count (88)
 UserId="16401" --> Word Count (331)
 UserId="29824" --> Word Count (39)
 UserId="29824" --> Word Count (13)
 UserId="29824" --> Word Count (1)
 UserId="42239" --> Word Count (51)
 UserId="42242" --> Word Count (115)
 UserId="42242" --> Word Count (7)
 UserId="42242" --> Word Count (1)
 UserId="16401" --> Word Count (367)
 UserId="42187" Text="I need to extract relevant key phrases from a single document. Since I don't have a lot of documents, TF-IDF doesn't really work. 

Currently I'm using --> Word Count (96)
 UserId="42187" --> Word Count (7)
 UserId="42187" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (316)
 UserId="27665" --> Word Count (133)
 UserId="42210" Comment="added 400 characters in body" --> Word Count (206)
 UserId="381" Comment="added 14 characters in body" --> Word Count (241)
 UserId="23305" --> Word Count (209)
 UserId="10904" --> Word Count (117)
 UserId="20492" --> Word Count (303)
 UserId="42255" --> Word Count (253)
 UserId="42255" --> Word Count (10)
 UserId="42255" --> Word Count (1)
 UserId="42255" Comment="edited tags" --> Word Count (1)
 UserId="42255" Comment="added 19 characters in body" --> Word Count (255)

UserId="41306" --> Word Count (211)
 UserId="836" --> Word Count (229)
 UserId="41886" --> Word Count (69)
 UserId="836" Comment="added 9 characters in body" --> Word Count (229)
 UserId="836" Comment="added 9 characters in body" --> Word Count (253)
 UserId="32860" --> Word Count (134)
 UserId="32860" --> Word Count (8)
 UserId="32860" --> Word Count (1)
 UserId="13603" --> Word Count (131)
 UserId="10975" --> Word Count (102)
 UserId="381" Comment="added 20 characters in body" --> Word Count (75)
 UserId="836" Comment="added 357 characters in body" --> Word Count (310)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="26856" --> Word Count (103)
 UserId="26856" --> Word Count (6)
 UserId="26856" --> Word Count (1)
 UserId="41886" --> Word Count (33)
 UserId="40853" --> Word Count (301)
 UserId="41728" --> Word Count (74)
 UserId="6656" --> Word Count (37)
 UserId="6656" --> Word Count (8)
 UserId="6656" --> Word Count (1)
 UserId="29967" --> Word Count (108)
 UserId="29967" --> Word Count (13)
 UserId="29967" --> Word Count (1)
 UserId="42270" --> Word Count (327)
 UserId="42270" --> Word Count (6)
 UserId="42270" --> Word Count (1)
 UserId="40853" --> Word Count (259)
 UserId="40853" --> Word Count (20)
 UserId="381" Comment="edited title" --> Word Count (7)
 UserId="14588" Comment="replace damaged data inside read.table() with structure()" --> Word Count (613)
 UserId="14675" Comment="clarification" Text="Yes, GANs can be used for text. However, there is a problem in the combination of how GANs work and how text is normally generated by neural networks:

* GANs work by propagating gradients through the composition of Generator and Discriminator.
* --> Word Count (152)
 UserId="33183" Text="There is even more specific research on this topic:

> **The trained generator is capable of producing sentences with certain level of grammar and logic.**

Xuerong Xiao, " --> Word Count (6)
 UserId="33183" Comment="edited body" --> Word Count (54)
 UserId="6550" --> Word Count (32)
 UserId="6433" Comment="Edit tags of the post" --> Word Count (1)
 UserId="33183" Comment="added 163 characters in body" Text="There is even more specific research on this topic:

> **The trained generator is capable of producing sentences with certain level of grammar and

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logic.**&#xD;&#xA;&#xD;&#xA;Xuerong Xiao, &quot; --> Word Count (12)
UserId="41366" --> Word Count (29)
UserId="42229" Comment="added 379 characters in body" --> Word Count (148)
UserId="42275" --> Word Count (63)
UserId="42275" --> Word Count (12)
UserId="42275" --> Word Count (1)
UserId="14904" --> Word Count (111)
UserId="33183" Comment="added 4 characters in body" --> Word Count (55)
UserId="33183" Comment="added 4 characters in body" --> Word Count (9)
UserId="33183" Comment="added 122 characters in body" --> Word Count (78)
UserId="29064" --> Word Count (70)
UserId="29064" --> Word Count (4)
UserId="29064" --> Word Count (1)
UserId="40552" --> Word Count (79)
UserId="40552" --> Word Count (5)
UserId="40552" --> Word Count (1)
UserId="42291" --> Word Count (96)
UserId="42291" --> Word Count (5)
UserId="42291" --> Word Count (1)
UserId="31810" --> Word Count (98)
UserId="31810" --> Word Count (6)
UserId="31810" --> Word Count (1)
UserId="29064" --> Word Count (79)
UserId="40552" Comment="added link" --> Word Count (82)
UserId="26243" --> Word Count (110)
UserId="15946" --> Word Count (565)
UserId="15946" --> Word Count (5)
UserId="15946" --> Word Count (1)
UserId="15946" Comment="deleted 60 characters in body" --> Word Count (564)
UserId="26243" --> Word Count (59)
UserId="40853" Comment="Removed a tag" --> Word Count (1)
UserId="26243" --> Word Count (96)
UserId="42299" --> Word Count (238)
UserId="42299" --> Word Count (8)
UserId="42299" --> Word Count (1)
UserId="42248" --> Word Count (66)
UserId="42248" --> Word Count (16)
UserId="42248" --> Word Count (1)
UserId="40853" Comment="Improved Formatting" --> Word Count (1485)
UserId="4897" --> Word Count (123)
UserId="4897" Text="Keras or TensorFlow Examples for Working with Large -->
Word Count (4)
UserId="4897" --> Word Count (1)
UserId="4897" Comment="edited tags" --> Word Count (1)
UserId="836" --> Word Count (470)
UserId="836" Comment="added 613 characters in body" --> Word Count (572)
UserId="836" Comment="added 50 characters in body" --> Word Count (580)
UserId="41463" Comment="added 70 characters in body" --> Word Count (221)

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UserId="40853" Comment="Improved Formatting" --> Word Count (232)
 UserId="42317" --> Word Count (161)
 UserId="42317" --> Word Count (2)
 UserId="42317" --> Word Count (1)
 UserId="42322" --> Word Count (142)
 UserId="42322" --> Word Count (5)
 UserId="42322" --> Word Count (1)
 UserId="836" Comment="added 198 characters in body" --> Word Count (612)
 UserId="42322" Comment="added 12 characters in body" --> Word Count (144)
 UserId="14588" --> Word Count (156)
 UserId="42323" --> Word Count (107)
 UserId="42323" --> Word Count (8)
 UserId="42323" --> Word Count (1)
 UserId="42325" --> Word Count (283)
 UserId="42325" --> Word Count (11)
 UserId="42325" --> Word Count (1)
 UserId="42275" --> Word Count (137)
 UserId="42275" --> Word Count (21)
 UserId="42275" --> Word Count (1)
 UserId="42229" Comment="added 107 characters in body" --> Word Count (167)
 UserId="39331" Comment="I feel there was a slight error with increase and decrease" --> Word Count (382)
 UserId="8878" Comment=""but" was unnecessary!" --> Word Count (381)
 UserId="42298" --> Word Count (78)
 UserId="42298" --> Word Count (10)
 UserId="42298" --> Word Count (1)
 UserId="836" Comment="added 603 characters in body" --> Word Count (408)
 UserId="29064" --> Word Count (118)
 UserId="8465" --> Word Count (75)
 UserId="40853" Comment="Assigned to new for getting the table with 0's" --> Word Count (619)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="16853" Comment="Reverting somebody's edit." --> Word Count (382)
 UserId="42242" Comment="added 3 characters in body" --> Word Count (115)
 UserId="42335" --> Word Count (69)
 UserId="42335" --> Word Count (9)
 UserId="42335" --> Word Count (1)
 UserId="42200" Comment="update on progress, problem adding column to df" --> Word Count (740)
 UserId="42341" --> Word Count (26)
 UserId="42341" --> Word Count (6)
 UserId="42341" --> Word Count (1)
 UserId="42345" --> Word Count (83)
 UserId="42345" --> Word Count (11)
 UserId="42345" --> Word Count (1)
 UserId="42345" Comment="added 67 characters in body" --> Word Count (125)
 UserId="42349" --> Word Count (1895)
 UserId="42349" --> Word Count (5)

UserId="42349" --> Word Count (1)
 UserId="28175" --> Word Count (64)
 UserId="28175" Comment="added 382 characters in body" --> Word Count (126)
 UserId="42354" --> Word Count (50)
 UserId="42354" --> Word Count (54)
 UserId="28175" Comment="added 108 characters in body" --> Word Count (145)
 UserId="42354" --> Word Count (71)
 UserId="29575" Comment="Format list" --> Word Count (54)
 UserId="42353" --> Word Count (36)
 UserId="29575" Comment="Format Link" --> Word Count (38)
 UserId="42353" Comment="deleted 5 characters in body" --> Word Count (36)
 UserId="1330" Comment="edited body" --> Word Count (69)
 UserId="42349" Comment="added 534 characters in body" --> Word Count (1972)
 UserId="42358" --> Word Count (99)
 UserId="42358" --> Word Count (8)
 UserId="42358" --> Word Count (1)
 UserId="1330" --> Word Count (87)
 UserId="42359" --> Word Count (92)
 UserId="42359" --> Word Count (5)
 UserId="42359" --> Word Count (1)
 UserId="42248" --> Word Count (109)
 UserId="42248" --> Word Count (15)
 UserId="42248" --> Word Count (1)
 UserId="42248" Comment="edited title" --> Word Count (15)
 UserId="40853" --> Word Count (89)
 UserId="42229" --> Word Count (9)
 UserId="42375" --> Word Count (48)
 UserId="42375" --> Word Count (17)
 UserId="42375" --> Word Count (1)
 UserId="836" --> Word Count (226)
 UserId="42220" --> Word Count (48)
 UserId="42220" --> Word Count (12)
 UserId="42220" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (49)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (67)
 UserId="24162" --> Word Count (404)
 UserId="42384" --> Word Count (76)
 UserId="42384" --> Word Count (6)
 UserId="42384" --> Word Count (1)
 UserId="1330" Comment="added 61 characters in body" --> Word Count (89)
 UserId="42385" --> Word Count (73)
 UserId="1330" --> Word Count (75)
 UserId="1330" Comment="Fixed typos" --> Word Count (5)
 UserId="1330" --> Word Count (154)
 UserId="41792" --> Word Count (79)
 UserId="41792" --> Word Count (9)
 UserId="41792" --> Word Count (1)
 UserId="14588" Comment="someone edited my code in a very sloppy way, revert"

--> Word Count (620)

UserId="381" --> Word Count (113)

UserId="381" Comment="added 275 characters in body" --> Word Count (180)

UserId="1330" --> Word Count (100)

UserId="42248" Comment="added 52 characters in body" --> Word Count (118)

UserId="1330" Comment="Minor improvements to the wording" --> Word Count (101)

UserId="1330" Comment="Add links for reference" --> Word Count (212)

UserId="1330" --> Word Count (22)

UserId="1330" Comment="Cleanup language" --> Word Count (190)

UserId="11061" --> Word Count (159)

UserId="11061" Comment="fixed grammar" --> Word Count (158)

UserId="42399" --> Word Count (112)

UserId="13952" --> Word Count (332)

UserId="32860" Comment="added 1041 characters in body; edited tags" --> Word Count (340)

UserId="32860" Comment="added 1041 characters in body; edited tags" --> Word Count (1)

UserId="381" Comment="added 83 characters in body" --> Word Count (192)

UserId="381" Comment="added 83 characters in body" --> Word Count (203)

UserId="42419" --> Word Count (107)

UserId="42419" --> Word Count (2)

UserId="42419" --> Word Count (1)

UserId="37736" --> Word Count (440)

UserId="37736" --> Word Count (12)

UserId="37736" --> Word Count (1)

UserId="29781" --> Word Count (36)

UserId="37736" Comment="3 formulas for calculating Precision and Recall" --> Word Count (508)

UserId="42422" --> Word Count (49)

UserId="42422" --> Word Count (12)

UserId="42422" --> Word Count (1)

UserId="42424" --> Word Count (104)

UserId="42424" --> Word Count (5)

UserId="42424" --> Word Count (1)

UserId="42248" --> Word Count (91)

UserId="7812" --> Word Count (36)

UserId="7812" --> Word Count (4)

UserId="7812" --> Word Count (1)

UserId="42220" Comment="added 37 characters in body; edited title" --> Word Count (54)

UserId="42220" Comment="added 37 characters in body; edited title" --> Word Count (14)

UserId="27665" --> Word Count (45)

UserId="42439" --> Word Count (238)

UserId="42439" --> Word Count (5)

UserId="42439" --> Word Count (1)

UserId="33338" --> Word Count (50)

UserId="33338" --> Word Count (16)

UserId="33338" --> Word Count (1)
 UserId="42439" Comment="added 54 characters in body" --> Word Count (254)
 UserId="40853" --> Word Count (271)
 UserId="40853" --> Word Count (121)
 UserId="42023" --> Word Count (30)
 UserId="42023" --> Word Count (14)
 UserId="42023" --> Word Count (1)
 UserId="42401" --> Word Count (61)
 UserId="37258" Comment="deleted 3 characters in body" --> Word Count (174)
 UserId="40853" Comment="Improved Formatting" --> Word Count (33)
 UserId="1029" --> Word Count (79)
 UserId="42450" --> Word Count (32)
 UserId="28175" --> Word Count (197)
 UserId="37736" Comment="explain True positive for different IoU" --> Word Count (522)
 UserId="24162" Comment="rotation, more correct R2" --> Word Count (586)
 UserId="27537" --> Word Count (254)
 UserId="42457" --> Word Count (102)
 UserId="42457" --> Word Count (10)
 UserId="42457" --> Word Count (1)
 UserId="42457" Comment="deleted 22 characters in body" --> Word Count (98)
 UserId="14904" --> Word Count (153)
 UserId="42460" --> Word Count (96)
 UserId="39208" --> Word Count (108)
 UserId="14904" --> Word Count (93)
 UserId="42463" --> Word Count (97)
 UserId="42463" --> Word Count (9)
 UserId="42463" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (130)
 UserId="40853" Comment="Improved Formatting" --> Word Count (85)
 UserId="14904" --> Word Count (149)
 UserId="37986" --> Word Count (51)
 UserId="37986" --> Word Count (5)
 UserId="37986" --> Word Count (1)
 UserId="40182" --> Word Count (275)
 UserId="40182" --> Word Count (6)
 UserId="40182" --> Word Count (1)
 UserId="31818" Comment="source formatting" --> Word Count (126)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (109)
 UserId="40853" Comment="Improved Formatting" --> Word Count (97)
 UserId="-1" Comment="105" --> Word Count (3)
 UserId="-1" Comment="105" --> Word Count (2)
 UserId="40815" --> Word Count (731)
 UserId="40815" --> Word Count (4)
 UserId="40815" --> Word Count (1)
 UserId="40815" Comment="added 477 characters in body" --> Word Count (833)
 UserId="24885" --> Word Count (46)
 UserId="24885" --> Word Count (11)

UserId="24885" --> Word Count (1)
 UserId="24885" --> Word Count (267)
 UserId="24885" --> Word Count (191)
 UserId="24885" --> Word Count (13)
 UserId="24885" --> Word Count (1)
 UserId="30982" --> Word Count (26)
 UserId="381" Comment="edited tags" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (830)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="102" --> Word Count (3)
 UserId="39580" --> Word Count (42)
 UserId="39580" --> Word Count (10)
 UserId="39580" --> Word Count (1)
 UserId="42248" --> Word Count (97)
 UserId="42485" --> Word Count (82)
 UserId="42485" --> Word Count (8)
 UserId="42485" --> Word Count (1)
 UserId="42491" --> Word Count (77)
 UserId="42491" --> Word Count (6)
 UserId="42491" --> Word Count (1)
 UserId="108" --> Word Count (98)
 UserId="42495" --> Word Count (57)
 UserId="42495" --> Word Count (6)
 UserId="42495" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (57)
 UserId="27537" --> Word Count (38)
 UserId="42500" --> Word Count (174)
 UserId="42500" --> Word Count (8)
 UserId="42500" --> Word Count (1)
 UserId="41750" --> Word Count (65)
 UserId="41750" --> Word Count (7)
 UserId="41750" --> Word Count (1)
 UserId="27537" --> Word Count (25)
 UserId="41491" --> Word Count (47)
 UserId="41491" --> Word Count (7)
 UserId="41491" --> Word Count (1)
 UserId="41491" Comment="edited title" --> Word Count (7)
 UserId="29064" --> Word Count (87)
 UserId="30507" --> Word Count (15)
 UserId="42510" --> Word Count (56)
 UserId="42510" --> Word Count (8)
 UserId="42510" --> Word Count (1)
 UserId="40182" --> Word Count (48)
 UserId="41886" --> Word Count (111)
 UserId="8878" Comment="Old but still a problem: Graph is a mathematical object
 which has nothing to do with plotting" --> Word Count (9)
 UserId="8878" Comment="Old but still a problem: Graph is a mathematical object

which has nothing to do with plotting" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (79)
 UserId="29781" --> Word Count (46)
 UserId="9988" --> Word Count (64)
 UserId="9988" --> Word Count (7)
 UserId="9988" --> Word Count (1)
 UserId="29575" Comment="Minor grammar" --> Word Count (55)
 UserId="30507" Comment="added 558 characters in body" --> Word Count (181)
 UserId="42510" Comment="added code" --> Word Count (183)
 UserId="42510" Comment="added code" --> Word Count (8)
 UserId="42510" Comment="added code" --> Word Count (275)
 UserId="42501" --> Word Count (133)
 UserId="42501" --> Word Count (13)
 UserId="42501" --> Word Count (1)
 UserId="42510" Comment="added 52 characters in body" --> Word Count (282)
 UserId="41728" --> Word Count (62)
 UserId="40736" --> Word Count (65)
 UserId="40736" --> Word Count (10)
 UserId="40736" --> Word Count (1)
 UserId="42518" --> Word Count (228)
 UserId="42521" --> Word Count (579)
 UserId="42521" --> Word Count (19)
 UserId="42521" --> Word Count (1)
 UserId="40736" --> Word Count (161)
 UserId="40736" --> Word Count (14)
 UserId="40736" --> Word Count (1)
 UserId="27665" --> Word Count (71)
 UserId="9988" Comment="added 734 characters in body" --> Word Count (380)
 UserId="37986" Text="I have set of newspaper articles and I use --> Word Count (41)
 UserId="37986" Text=" --> Word Count (2)
 UserId="37986" --> Word Count (1)
 UserId="924" --> Word Count (38)
 UserId="40853" --> Word Count (213)
 UserId="40815" Comment="added 634 characters in body" --> Word Count (918)
 UserId="42535" --> Word Count (109)
 UserId="42535" --> Word Count (3)
 UserId="42535" --> Word Count (1)
 UserId="40853" --> Word Count (115)
 UserId="20492" --> Word Count (83)
 UserId="20492" Comment="added 204 characters in body" --> Word Count (136)
 UserId="33338" --> Word Count (52)
 UserId="33338" --> Word Count (14)
 UserId="33338" --> Word Count (1)
 UserId="41728" --> Word Count (127)
 UserId="836" --> Word Count (116)
 UserId="41072" --> Word Count (230)
 UserId="41072" --> Word Count (11)

UserId="41072" --> Word Count (1)
UserId="26871" --> Word Count (2777)
UserId="26871" --> Word Count (8)
UserId="26871" --> Word Count (1)
UserId="40853" Comment="Appended a new link" --> Word Count (124)
UserId="40853" Comment="Appended a new link" --> Word Count (124)
UserId="41072" Comment="added 2946 characters in body" --> Word Count (1041)
UserId="836" Comment="Link provided in comments" --> Word Count (63)
UserId="836" Comment="Link provided in comments" --> Word Count (13)
UserId="41072" Comment="added 9431 characters in body" --> Word Count (4137)
UserId="836" Comment="added 549 characters in body" --> Word Count (215)
UserId="40853" --> Word Count (229)
UserId="40853" Comment="Improved Formatting" --> Word Count (227)
UserId="33338" --> Word Count (64)
UserId="33338" --> Word Count (16)
UserId="33338" --> Word Count (1)
UserId="42327" --> Word Count (190)
UserId="42327" --> Word Count (6)
UserId="42327" --> Word Count (1)
UserId="836" --> Word Count (192)
UserId="41728" Comment="Adding code sample" --> Word Count (224)
UserId="836" Comment="edited title" --> Word Count (14)
UserId="836" Comment="added 873 characters in body" --> Word Count (367)
UserId="836" Comment="added 1 character in body" --> Word Count (367)
UserId="26329" --> Word Count (66)
UserId="26329" --> Word Count (8)
UserId="26329" --> Word Count (1)
UserId="37776" --> Word Count (317)
UserId="37776" --> Word Count (8)
UserId="37776" --> Word Count (1)
UserId="27665" Comment="refine styles" --> Word Count (161)
UserId="29575" Comment="Minor grammar" --> Word Count (227)
UserId="21" Comment="103" --> Word Count (3)
UserId="21" Comment="103" --> Word Count (3)
UserId="26329" --> Word Count (82)
UserId="26329" --> Word Count (2)
UserId="26329" --> Word Count (1)
UserId="42578" --> Word Count (45)
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UserId="41626" --> Word Count (24)
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UserId="41626" --> Word Count (1)
UserId="381" Comment="edited body" --> Word Count (47)
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 UserId="42473" --> Word Count (9)
 UserId="42473" --> Word Count (1)
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 UserId="26243" Comment="corrected spelling" --> Word Count (617)
 UserId="42595" --> Word Count (77)
 UserId="42473" Comment="added 22 characters in body" --> Word Count (976)
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 UserId="42599" --> Word Count (1)
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 UserId="31819" --> Word Count (12)
 UserId="31819" --> Word Count (1)
 UserId="40853" --> Word Count (153)
 UserId="41728" --> Word Count (73)
 UserId="42515" --> Word Count (822)
 UserId="42515" --> Word Count (7)
 UserId="42515" --> Word Count (1)
 UserId="40853" --> Word Count (157)
 UserId="18626" --> Word Count (240)
 UserId="42515" Comment="added 1 character in body" --> Word Count (823)
 UserId="9988" Comment="deleted 1 character in body" --> Word Count (380)
 UserId="29959" --> Word Count (50)
 UserId="836" --> Word Count (222)
 UserId="20492" Comment="added 1001 characters in body" --> Word Count (587)
 UserId="42473" Comment="added 16 characters in body" --> Word Count (979)
 UserId="28175" --> Word Count (45)
 UserId="28175" --> Word Count (10)
 UserId="28175" --> Word Count (1)
 UserId="28175" Comment="added 1 character in body" --> Word Count (45)
 UserId="836" Comment="added 134 characters in body" --> Word Count (271)
 UserId="18818" --> Word Count (46)
 UserId="18818" --> Word Count (13)
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 UserId="26243" Comment="added 43 characters in body" --> Word Count (642)
 UserId="37977" --> Word Count (227)
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 UserId="-1" --> Word Count (1)
 UserId="26243" --> Word Count (97)
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creating a new tag" --> Word Count (45)
 UserId="13748" Comment="Changed the tag: the user miss-typed machine-learning,
 creating a new tag" --> Word Count (10)
 UserId="13748" Comment="Changed the tag: the user miss-typed machine-learning,
 creating a new tag" --> Word Count (1)
 UserId="14675" --> Word Count (22)
 UserId="42622" --> Word Count (517)
 UserId="42622" --> Word Count (3)
 UserId="42622" --> Word Count (1)
 UserId="42627" --> Word Count (73)
 UserId="42627" --> Word Count (8)
 UserId="42627" --> Word Count (1)
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 UserId="41419" --> Word Count (13)
 UserId="41419" --> Word Count (1)
 UserId="40515" --> Word Count (40)
 UserId="40515" --> Word Count (9)
 UserId="40515" --> Word Count (1)
 UserId="41919" --> Word Count (156)
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 UserId="41919" --> Word Count (1)
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 UserId="42631" --> Word Count (1)
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 UserId="24157" --> Word Count (1)
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 UserId="33338" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="30507" Comment="its a question about recommender systems" --> Word
 Count (1)
 UserId="1330" Comment="its a question about recommender systems" --> Word Count
 (66)
 UserId="11097" Comment="edited body" --> Word Count (120)
 UserId="40751" --> Word Count (534)
 UserId="40751" --> Word Count (13)
 UserId="40751" --> Word Count (1)
 UserId="34028" --> Word Count (30)
 UserId="42637" --> Word Count (204)
 UserId="34028" Comment="added 37 characters in body" --> Word Count (35)
 UserId="42515" Comment="Added some code that was missing." --> Word Count (864)
 UserId="31819" Comment="added 113 characters in body" --> Word Count (110)
 UserId="92" Comment="Syntax highlighting" --> Word Count (273)

UserId="42643" --> Word Count (126)
 UserId="42643" --> Word Count (9)
 UserId="42643" --> Word Count (1)
 UserId="39706" --> Word Count (22)
 UserId="39706" --> Word Count (8)
 UserId="39706" --> Word Count (1)
 UserId="42142" Comment="I reworted the OP to frame the situation of a beginning data scientist more precisely. At the end of the post I formulated several concrete question that may catch the intent of the OP and will make the discussion less opinion-based. (Please reopen the question.)" --> Word Count (158)
 UserId="42142" Comment="I reworted the OP to frame the situation of a beginning data scientist more precisely. At the end of the post I formulated several concrete question that may catch the intent of the OP and will make the discussion less opinion-based. (Please reopen the question.)" --> Word Count (17)
 UserId="31819" Comment="added 188 characters in body" --> Word Count (124)
 UserId="39661" --> Word Count (93)
 UserId="39661" --> Word Count (8)
 UserId="39661" --> Word Count (1)
 UserId="28175" --> Word Count (24)
 UserId="26243" Comment="corrected spelling" --> Word Count (524)
 UserId="28175" --> Word Count (69)
 UserId="20492" --> Word Count (296)
 UserId="42657" Text="Twitter has rules that limit sharing of complete datasets, instead limiting sharing to the tweet ids (see this [discussion][1] and the [developer agreement][2]). Tools such as [twarc][3] can be used to "rehydrate" the tweet metadata by calling the Twitter api and retrieving the info. The Twitter API has rate limiting which can make this a somewhat slow process.

For a package that works in R, see [RTextTools][4] or check out [RWeka][5] which bridges the gap between R and Java to use Weka. If using Python, you can also use scikit-learn's svm implementation.


 [1]: <https://twittercommunity.com/t/twitter-and-open-data-in-academia/51934
> [2]: <https://developer.twitter.com/en/developer-terms/agreement-and-policy
> [3]: <https://github.com/DocNow/twarc
> [4]: <https://cran.r-project.org/web/packages/R> --> Word Count (4)
 UserId="42659" --> Word Count (52)
 UserId="42659" --> Word Count (19)
 UserId="42659" --> Word Count (1)
 UserId="42535" --> Word Count (572)
 UserId="42535" --> Word Count (7)
 UserId="42535" --> Word Count (1)
 UserId="42668" --> Word Count (31)
 UserId="32764" --> Word Count (89)
 UserId="32764" --> Word Count (11)
 UserId="32764" --> Word Count (1)
 UserId="41419" --> Word Count (75)

UserId="41419" --> Word Count (7)
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 UserId="42674" --> Word Count (9)
 UserId="42674" --> Word Count (1)
 UserId="14904" --> Word Count (62)
 UserId="28175" --> Word Count (109)
 UserId="41728" --> Word Count (61)
 UserId="42622" --> Word Count (101)
 UserId="42622" Comment="added 250 characters in body" --> Word Count (170)
 UserId="42622" --> Word Count (68)
 UserId="20492" --> Word Count (162)
 UserId="20492" Comment="fixed code" --> Word Count (104)
 UserId="40265" --> Word Count (166)
 UserId="40265" --> Word Count (8)
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 UserId="30335" --> Word Count (1)
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 UserId="14675" Comment="edited body; edited title" --> Word Count (12)
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 UserId="24885" --> Word Count (16)
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 UserId="42637" Comment="Fixed a flow in the code" --> Word Count (239)
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 UserId="42696" --> Word Count (196)
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 UserId="28175" Comment="I have added machine learning because this question is a routine problem between machine learning practitioners " --> Word Count (1)

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 UserId="29781" --> Word Count (92)
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 UserId="28175" Comment="edited title" --> Word Count (4)
 UserId="28175" --> Word Count (154)
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 UserId="28175" Comment=" " --> Word Count (375)
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 UserId="18626" --> Word Count (382)
 UserId="42737" --> Word Count (35)
 UserId="42737" --> Word Count (10)
 UserId="42737" --> Word Count (1)
 UserId="42737" Comment="added 268 characters in body; edited title" --> Word Count (72)
 UserId="42737" Comment="added 268 characters in body; edited title" --> Word Count (10)
 UserId="32963" --> Word Count (88)
 UserId="32963" Text=" " --> Word Count (4)
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 UserId="42737" Comment="edited title" --> Word Count (11)
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 UserId="42737" Comment="added 189 characters in body" --> Word Count (99)
 UserId="28175" Comment="edited title" --> Word Count (6)
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 UserId="29575" Comment="Format link" --> Word Count (33)
 UserId="13748" Comment="added 248 characters in body" --> Word Count (35)
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 UserId="21" Comment="104" --> Word Count (3)
 UserId="18626" Comment="deleted 1 character in body" --> Word Count (382)
 UserId="42730" --> Word Count (191)
 UserId="42730" --> Word Count (4)
 UserId="42730" --> Word Count (1)
 UserId="33183" --> Word Count (53)
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 UserId="13748" Comment="Improved formatting and minor grammar" --> Word Count (73)
 UserId="21" Comment="104" --> Word Count (3)
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 UserId="32686" Comment="edited body" --> Word Count (86)
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 UserId="26202" --> Word Count (15)
 UserId="26202" --> Word Count (1)
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 UserId="12731" --> Word Count (1)
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 UserId="17916" Comment="added 289 characters in body" --> Word Count (67)
 UserId="15828" --> Word Count (256)
 UserId="41728" --> Word Count (165)
 UserId="381" Comment="added 3 characters in body; edited tags" --> Word Count (91)
 UserId="381" Comment="added 3 characters in body; edited tags" --> Word Count (1)
 UserId="41728" Comment="added 273 characters in body" --> Word Count (191)
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"please help about this graphic"" --> Word Count (74)
 UserId="836" Comment="Explain image in words, so question is not just
"please help about this graphic"" --> Word Count (17)
 UserId="26856" --> Word Count (94)
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author's page number as it is printed" --> Word Count (102)
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author's page number as it is printed" --> Word Count (12)
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 UserId="42832" --> Word Count (1)
 UserId="42832" Comment="added 1 character in body; edited title" --> Word Count (125)
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 UserId="14675" --> Word Count (79)
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 UserId="42836" --> Word Count (4)
 UserId="42836" --> Word Count (1)
 UserId="28175" Comment="edited title" --> Word Count (7)
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 UserId="14202" Comment="added 4 characters in body" --> Word Count (432)
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UserId="-1" Comment="105" --> Word Count (3)
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 need." --> Word Count (203)
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 UserId="37986" --> Word Count (3)
 UserId="37986" --> Word Count (1)
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 <DELETE> --> Word Count (163)
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 UserId="29575" Comment="Add some paragraphs" --> Word Count (154)
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 UserId="26243" Comment="added new sources" --> Word Count (431)
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 UserId="42951" --> Word Count (6)
 UserId="42951" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (69)
 UserId="18434" --> Word Count (116)
 UserId="42488" --> Word Count (244)
 UserId="42958" --> Word Count (101)
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 UserId="29575" Comment="Format Code" --> Word Count (317)
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 UserId="14752" --> Word Count (176)
 UserId="42961" --> Word Count (69)
 UserId="42940" --> Word Count (82)
 UserId="42969" --> Word Count (70)
 UserId="42969" --> Word Count (5)
 UserId="42969" --> Word Count (1)
 UserId="25531" --> Word Count (49)
 UserId="42945" Comment="added 6 characters in body; edited tags" --> Word Count (35)
 UserId="42945" Comment="added 6 characters in body; edited tags" --> Word Count (1)
 UserId="42974" --> Word Count (114)
 UserId="42974" --> Word Count (6)
 UserId="42974" --> Word Count (1)

UserId="40853" --> Word Count (351)
 UserId="28175" Comment="The setting that has been depicted, skewed data, is usually treated using anomaly-detection" --> Word Count (1)
 UserId="1330" Comment="The setting that has been depicted, skewed data, is usually treated using anomaly-detection" --> Word Count (171)
 UserId="42975" --> Word Count (159)
 UserId="42933" Comment="deleted 228 characters in body; edited title" --> Word Count (20)
 UserId="42933" Comment="deleted 228 characters in body; edited title" --> Word Count (10)
 UserId="40853" Comment="Improved Formatting" --> Word Count (454)
 UserId="28175" Comment="I have tried to limit the question to find others opinions " --> Word Count (18)
 UserId="28175" Comment="I have tried to limit the question to find others opinions " --> Word Count (8)
 UserId="40853" Comment="Improved Formatting" --> Word Count (155)
 UserId="40853" Comment="Added a new point" --> Word Count (43)
 UserId="40853" Comment="Removed that comment" --> Word Count (169)
 UserId="40176" --> Word Count (117)
 UserId="40176" --> Word Count (6)
 UserId="40176" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (116)
 UserId="40853" Comment="Improved Formatting" --> Word Count (1)
 UserId="40853" --> Word Count (306)
 UserId="42985" --> Word Count (53)
 UserId="40853" Comment="Improved Formatting" --> Word Count (51)
 UserId="25515" --> Word Count (551)
 UserId="25515" --> Word Count (8)
 UserId="25515" --> Word Count (1)
 UserId="21560" --> Word Count (143)
 UserId="21560" --> Word Count (8)
 UserId="21560" --> Word Count (1)
 UserId="42613" --> Word Count (38)
 UserId="42501" --> Word Count (67)
 UserId="42501" --> Word Count (9)
 UserId="42501" --> Word Count (1)
 UserId="3089" --> Word Count (84)
 UserId="38506" --> Word Count (43)
 UserId="38506" --> Word Count (6)
 UserId="38506" --> Word Count (1)
 UserId="28175" --> Word Count (213)
 UserId="40853" Comment="Improved Formatting" --> Word Count (68)
 UserId="32963" --> Word Count (53)
 UserId="32963" Text=" --> Word Count (4)
 UserId="32963" --> Word Count (1)
 UserId="24259" --> Word Count (455)
 UserId="24259" --> Word Count (5)
 UserId="24259" --> Word Count (1)

UserId="28175" Comment="deleted 726 characters in body" --> Word Count (92)
 UserId="41886" --> Word Count (91)
 UserId="16368" --> Word Count (67)
 UserId="28175" Comment="added 1 character in body" --> Word Count (92)
 UserId="836" Comment="Sutton book changed location" --> Word Count (278)
 UserId="836" Comment="Book has moved" --> Word Count (223)
 UserId="836" Comment="Book has moved" --> Word Count (296)
 UserId="836" Comment="Book has moved" --> Word Count (113)
 UserId="836" Comment="Book has moved" --> Word Count (326)
 UserId="836" Comment="Sutton" --> Word Count (206)
 UserId="836" Comment="Sutton book changed location" --> Word Count (99)
 UserId="836" Comment="Sutton book changed location" --> Word Count (103)
 UserId="836" Comment="Sutton book changed location" --> Word Count (120)
 UserId="37736" Comment="Short answer" --> Word Count (591)
 UserId="37736" Comment="added 2 characters in body" --> Word Count (591)
 UserId="23759" Comment="added 26 characters in body" --> Word Count (505)
 UserId="23759" Comment="added 26 characters in body" --> Word Count (505)
 UserId="40454" --> Word Count (173)
 UserId="40454" --> Word Count (5)
 UserId="40454" --> Word Count (1)
 UserId="40454" Comment="Removed an example that made it harder to understand the question" --> Word Count (102)
 UserId="13748" Comment="Removed extraneous information/thanks." --> Word Count (77)
 UserId="37184" --> Word Count (167)
 UserId="40454" Comment="added an example to be more specific " --> Word Count (135)
 UserId="-1" Comment="103" --> Word Count (3)
 UserId="25750" Comment="Attempt to clean up English" --> Word Count (265)
 UserId="40853" Comment="Attempt to clean up English" --> Word Count (271)
 UserId="-1" Comment="104" --> Word Count (3)
 UserId="24000" Comment="Reformatted" --> Word Count (82)
 UserId="28175" Comment="keras is a deep learning framework" --> Word Count (1)
 UserId="75" Comment="Fixed grammar" --> Word Count (67)
 UserId="75" Comment="Fixed grammar" --> Word Count (1)
 UserId="21" Comment="104" --> Word Count (4)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="18626" --> Word Count (194)
 UserId="33338" --> Word Count (92)
 UserId="33338" --> Word Count (17)
 UserId="33338" --> Word Count (1)
 UserId="18626" --> Word Count (295)
 UserId="15325" --> Word Count (194)
 UserId="15325" --> Word Count (8)
 UserId="15325" --> Word Count (1)
 UserId="43017" --> Word Count (26)
 UserId="43017" --> Word Count (4)
 UserId="43017" --> Word Count (1)

UserId="15325" Comment="added 93 characters in body" --> Word Count (200)
 UserId="40853" Comment="Improved Formatting" --> Word Count (26)
 UserId="40853" Comment="Improved Formatting" --> Word Count (6)
 UserId="40853" --> Word Count (40)
 UserId="14929" --> Word Count (75)
 UserId="14929" --> Word Count (9)
 UserId="14929" --> Word Count (1)
 UserId="836" Comment="Replace images with LaTeX formulae. Correct spelling and grammar" --> Word Count (69)
 UserId="836" Comment="Replace images with LaTeX formulae. Correct spelling and grammar" --> Word Count (1)
 UserId="836" Comment="deleted 5 characters in body" --> Word Count (68)
 UserId="43027" --> Word Count (45)
 UserId="43027" --> Word Count (6)
 UserId="43027" --> Word Count (1)
 UserId="26329" --> Word Count (58)
 UserId="26329" --> Word Count (14)
 UserId="26329" --> Word Count (1)
 UserId="26692" --> Word Count (97)
 UserId="32963" Comment="deleted 83 characters in body; added 8 characters in body; added 70 characters in body" --> Word Count (65)
 UserId="26692" --> Word Count (40)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="18626" Comment="added 1 character in body" --> Word Count (298)
 UserId="43040" --> Word Count (59)
 UserId="43040" --> Word Count (8)
 UserId="43040" --> Word Count (1)
 UserId="29781" --> Word Count (187)
 UserId="43045" --> Word Count (300)
 UserId="43045" --> Word Count (13)
 UserId="43045" --> Word Count (1)
 UserId="26243" --> Word Count (515)
 UserId="29781" --> Word Count (48)
 UserId="29781" Comment="added 2 characters in body" --> Word Count (48)
 UserId="29781" --> Word Count (22)
 UserId="29781" --> Word Count (51)
 UserId="29781" --> Word Count (70)
 UserId="30507" Comment="deleted 95 characters in body" --> Word Count (405)
 UserId="40853" Comment="Added a word" --> Word Count (41)
 UserId="37626" --> Word Count (22)
 UserId="37626" --> Word Count (3)
 UserId="37626" --> Word Count (1)
 UserId="24593" --> Word Count (95)
 UserId="29781" Comment="added 41 characters in body" --> Word Count (76)
 UserId="29781" --> Word Count (116)
 UserId="18375" Comment="fix the title" --> Word Count (10)

UserId="18375" Comment="fix the title" --> Word Count (7)
UserId="18375" Comment="fix the title" --> Word Count (15)
UserId="18375" Comment="fix the title" --> Word Count (6)
UserId="18375" Comment="fix the title, spelling" --> Word Count (59)
UserId="18375" Comment="fix the title, spelling" --> Word Count (8)
UserId="30107" --> Word Count (110)
UserId="29781" --> Word Count (173)
UserId="29781" Comment="edited body" --> Word Count (22)
UserId="29781" --> Word Count (22)
UserId="43060" --> Word Count (142)
UserId="43060" --> Word Count (12)
UserId="43060" --> Word Count (1)
UserId="29781" Comment="added 241 characters in body" --> Word Count (210)
UserId="43060" Comment="added 41 characters in body" --> Word Count (147)
UserId="29781" Comment="added 170 characters in body; deleted 2 characters in body" --> Word Count (46)
UserId="1330" --> Word Count (73)
UserId="471" Comment="edited tags" --> Word Count (1)
UserId="29090" --> Word Count (9)
UserId="33338" Comment="added 381 characters in body" --> Word Count (152)
UserId="29575" Comment="Minor grammar" --> Word Count (121)
UserId="37986" --> Word Count (41)
UserId="37986" --> Word Count (6)
UserId="37986" --> Word Count (1)
UserId="43077" --> Word Count (1351)
UserId="43077" --> Word Count (10)
UserId="43077" --> Word Count (1)
UserId="18313" --> Word Count (251)
UserId="18313" --> Word Count (14)
UserId="18313" --> Word Count (1)
UserId="43077" --> Word Count (115)
UserId="43077" Comment="added 22 characters in body" --> Word Count (128)
UserId="29575" Comment="Minor grammar" --> Word Count (199)
UserId="20572" --> Word Count (348)
UserId="43077" Comment="added 38 characters in body" --> Word Count (1358)
UserId="43088" --> Word Count (67)
UserId="43088" --> Word Count (8)
UserId="43088" --> Word Count (1)
UserId="29575" Comment="Minor grammar / formatting" --> Word Count (346)
UserId="43077" --> Word Count (131)
UserId="43077" --> Word Count (9)
UserId="43077" --> Word Count (1)
UserId="43091" --> Word Count (35)
UserId="26243" --> Word Count (156)
UserId="43077" Comment="added 1 character in body" --> Word Count (131)
UserId="43077" Comment="added 393 characters in body" --> Word Count (1424)
UserId="43077" Comment="added 69 characters in body" --> Word Count (139)
UserId="43077" Comment="deleted 1 character in body" --> Word Count (201)

UserId="43077" Comment="deleted 1 character in body" --> Word Count (441)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="26243" Comment="added 262 characters in body" --> Word Count (181)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="8560" --> Word Count (111)
 UserId="29781" Comment="added 658 characters in body" --> Word Count (289)
 UserId="1330" Comment="added 5 characters in body" --> Word Count (74)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (785)
 UserId="1330" Comment="Remove extra commentary" --> Word Count (783)
 UserId="29781" Comment="Title changed, further details added" --> Word Count (85)
 UserId="29781" Comment="Title changed, further details added" --> Word Count (8)
 UserId="29781" Comment="Title changed, further details added" --> Word Count (1)
 UserId="1330" Comment="Title changed, further details added" --> Word Count (85)
 UserId="26329" Comment="added 110 characters in body; edited tags; edited title" --> Word Count (107)
 UserId="26329" Comment="added 110 characters in body; edited tags; edited title" --> Word Count (14)
 UserId="26329" Comment="added 110 characters in body; edited tags; edited title" --> Word Count (1)
 UserId="43107" --> Word Count (287)
 UserId="43107" --> Word Count (7)
 UserId="43107" --> Word Count (1)
 UserId="43107" Comment="edited tags" --> Word Count (1)
 UserId="43110" --> Word Count (211)
 UserId="43110" --> Word Count (6)
 UserId="43110" --> Word Count (1)
 UserId="29781" Comment="added 309 characters in body" --> Word Count (262)
 UserId="16368" --> Word Count (66)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (694)
 UserId="43112" --> Word Count (226)
 UserId="43107" --> Word Count (279)
 UserId="43107" Comment="deleted 5 characters in body" --> Word Count (276)
 UserId="11097" Comment="103" --> Word Count (2)
 UserId="40515" --> Word Count (234)
 UserId="40515" --> Word Count (4)
 UserId="40515" --> Word Count (1)
 UserId="40853" --> Word Count (116)
 UserId="28175" --> Word Count (50)
 UserId="40853" Comment="Appended Flow" --> Word Count (120)
 UserId="29781" Comment="Tag added to make it clearer " --> Word Count (1)
 UserId="21560" --> Word Count (123)
 UserId="21560" --> Word Count (7)

UserId="21560" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="32042" --> Word Count (73)
 UserId="32042" --> Word Count (13)
 UserId="32042" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (119)
 UserId="43027" Comment="added 109 characters in body; edited title" --> Word Count (63)
 UserId="43027" Comment="added 109 characters in body; edited title" --> Word Count (12)
 UserId="43027" Comment="added 109 characters in body; edited title" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (227)
 UserId="40515" Comment="new problems appeared so I had to update my code accordingly" --> Word Count (271)
 UserId="43144" --> Word Count (19)
 UserId="18375" --> Word Count (111)
 UserId="18375" Comment="fix the title" --> Word Count (4)
 UserId="43077" Comment="math formatting on the formula " --> Word Count (94)
 UserId="16853" Comment="don't use cdot, cdot is for dot product" --> Word Count (93)
 UserId="29575" Comment="Minor formatting" --> Word Count (158)
 UserId="28175" Comment="I guess this question can be helpful for machine learning learners too because it much more about tensorflow" --> Word Count (7)
 UserId="28175" Comment="I guess this question can be helpful for machine learning learners too because it much more about tensorflow" --> Word Count (1)
 UserId="18375" Comment="fix the title" --> Word Count (6)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (189)
 UserId="42135" --> Word Count (322)
 UserId="18626" Comment="deleted 129 characters in body" --> Word Count (278)
 UserId="43157" --> Word Count (44)
 UserId="42969" --> Word Count (170)
 UserId="42969" --> Word Count (11)
 UserId="42969" --> Word Count (1)
 UserId="42969" Comment="deleted 10 characters in body" --> Word Count (169)
 UserId="42488" --> Word Count (58)
 UserId="14904" --> Word Count (109)
 UserId="18375" Comment="fix the title" --> Word Count (727)
 UserId="18375" Comment="fix the title" --> Word Count (6)
 UserId="18375" Comment="fix the title" --> Word Count (3)
 UserId="43159" --> Word Count (248)
 UserId="43159" --> Word Count (11)
 UserId="43159" --> Word Count (1)
 UserId="37502" --> Word Count (145)
 UserId="37502" --> Word Count (6)
 UserId="37502" --> Word Count (1)
 UserId="37502" Comment="added 91 characters in body" --> Word Count (161)

UserId="43162" --> Word Count (169)
 UserId="43162" --> Word Count (8)
 UserId="43162" --> Word Count (1)
 UserId="43124" Comment="fix typos and an unnecessary word" --> Word Count (304)
 UserId="29575" Comment="Minor grammar" --> Word Count (45)
 UserId="29781" Comment="Possible options depending on properties of the classifier " --> Word Count (385)
 UserId="16220" --> Word Count (98)
 UserId="30359" --> Word Count (151)
 UserId="30359" --> Word Count (15)
 UserId="30359" --> Word Count (1)
 UserId="30359" --> Word Count (46)
 UserId="30359" Comment="added 21 characters in body" --> Word Count (48)
 UserId="43166" --> Word Count (140)
 UserId="43166" --> Word Count (16)
 UserId="43166" --> Word Count (1)
 UserId="18375" Comment="add a relevant tag" --> Word Count (1)
 UserId="43077" --> Word Count (168)
 UserId="-1" Comment="103" --> Word Count (2)
 UserId="40853" Comment="Improved Formatting" --> Word Count (322)
 UserId="42135" Comment="added 9 characters in body" --> Word Count (326)
 UserId="26019" --> Word Count (776)
 UserId="26019" --> Word Count (10)
 UserId="26019" --> Word Count (1)
 UserId="21560" Comment="added 362 characters in body" --> Word Count (179)
 UserId="43191" --> Word Count (156)
 UserId="43191" --> Word Count (7)
 UserId="43191" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (152)
 UserId="8878" --> Word Count (258)
 UserId="8878" --> Word Count (295)
 UserId="43200" --> Word Count (102)
 UserId="43200" --> Word Count (11)
 UserId="43200" --> Word Count (1)
 UserId="29781" --> Word Count (80)
 UserId="43203" --> Word Count (99)
 UserId="43203" --> Word Count (9)
 UserId="43203" --> Word Count (1)
 UserId="43200" Comment="added 181 characters in body" --> Word Count (127)
 UserId="43141" --> Word Count (393)
 UserId="43141" --> Word Count (9)
 UserId="43141" --> Word Count (1)
 UserId="43045" Comment="Explained the objective " --> Word Count (388)
 UserId="43384" UserDisplayName="Khaj" --> Word Count (335)
 UserId="43384" UserDisplayName="Khaj" --> Word Count (14)
 UserId="43384" UserDisplayName="Khaj" --> Word Count (1)
 UserId="38377" --> Word Count (144)
 UserId="38377" --> Word Count (7)

UserId="38377" --> Word Count (1)
 UserId="43210" --> Word Count (18)
 UserId="43210" --> Word Count (10)
 UserId="43210" --> Word Count (1)
 UserId="43210" Comment="Improved formatting" --> Word Count (18)
 UserId="40853" Comment="Improved Formatting" --> Word Count (139)
 UserId="43141" Comment="add defs" --> Word Count (527)
 UserId="8517" --> Word Count (304)
 UserId="8517" --> Word Count (17)
 UserId="8517" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (162)
 UserId="43212" --> Word Count (122)
 UserId="43212" --> Word Count (5)
 UserId="43212" --> Word Count (1)
 UserId="43215" --> Word Count (143)
 UserId="42135" Comment="added 590 characters in body" --> Word Count (409)
 UserId="42648" --> Word Count (87)
 UserId="42648" --> Word Count (15)
 UserId="42648" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (118)
 UserId="924" --> Word Count (49)
 UserId="43228" --> Word Count (166)
 UserId="43228" Comment="added 11 characters in body" --> Word Count (166)
 UserId="40853" --> Word Count (150)
 UserId="32936" --> Word Count (337)
 UserId="32936" --> Word Count (15)
 UserId="32936" --> Word Count (1)
 UserId="43238" --> Word Count (87)
 UserId="43238" --> Word Count (8)
 UserId="43238" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (87)
 UserId="43238" Comment="Improved Formatting" --> Word Count (87)
 UserId="40853" --> Word Count (153)
 UserId="40853" Comment="Appended a new link" --> Word Count (91)
 UserId="43238" Comment="Appended a new link" --> Word Count (96)
 UserId="43243" --> Word Count (275)
 UserId="43243" --> Word Count (6)
 UserId="43243" --> Word Count (1)
 UserId="43248" --> Word Count (579)
 UserId="43248" --> Word Count (18)
 UserId="43248" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (277)
 UserId="43243" Comment="Improved Formatting" --> Word Count (318)
 UserId="15828" --> Word Count (176)
 UserId="15828" --> Word Count (13)
 UserId="15828" --> Word Count (1)
 UserId="37630" Comment="deleted 133 characters in body" --> Word Count (341)
 UserId="15828" Comment="deleted 9 characters in body" --> Word Count (180)

UserId="836" --> Word Count (140)
 UserId="14904" --> Word Count (175)
 UserId="14904" --> Word Count (225)
 UserId="34130" --> Word Count (45)
 UserId="43262" --> Word Count (85)
 UserId="43262" --> Word Count (15)
 UserId="43262" --> Word Count (1)
 UserId="43262" Comment="deleted 44 characters in body" --> Word Count (77)
 UserId="40853" --> Word Count (81)
 UserId="26019" --> Word Count (75)
 UserId="43265" --> Word Count (293)
 UserId="43265" --> Word Count (5)
 UserId="43265" --> Word Count (1)
 UserId="32754" --> Word Count (64)
 UserId="32754" --> Word Count (5)
 UserId="32754" --> Word Count (1)
 UserId="8878" --> Word Count (162)
 UserId="43270" --> Word Count (90)
 UserId="43268" --> Word Count (186)
 UserId="43268" --> Word Count (6)
 UserId="43268" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (129)
 UserId="43273" --> Word Count (238)
 UserId="43276" --> Word Count (148)
 UserId="17696" --> Word Count (137)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (178)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (6)
 UserId="16338" --> Word Count (95)
 UserId="16338" --> Word Count (5)
 UserId="16338" --> Word Count (1)
 UserId="28175" --> Word Count (131)
 UserId="43147" --> Word Count (19)
 UserId="28175" Comment="deleted 5 characters in body" --> Word Count (130)
 UserId="40853" Comment="Improved Formatting" --> Word Count (77)
 UserId="42460" Comment="added 157 characters in body" --> Word Count (31)
 UserId="29575" Comment="added 387 characters in body" --> Word Count (67)
 UserId="28175" Comment="I added appropriate tags :)" --> Word Count (5)
 UserId="28175" Comment="I added appropriate tags :)" --> Word Count (1)
 UserId="21" Comment="105" --> Word Count (3)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="21" Comment="102" --> Word Count (3)
 UserId="21" --> Word Count (3)
 UserId="37986" --> Word Count (45)
 UserId="37986" --> Word Count (9)
 UserId="37986" --> Word Count (1)
 UserId="12345" --> Word Count (65)
 UserId="12345" --> Word Count (5)
 UserId="12345" --> Word Count (1)

UserId="27665" --> Word Count (45)
 UserId="24593" --> Word Count (35)
 UserId="13672" --> Word Count (56)
 UserId="13672" --> Word Count (12)
 UserId="13672" --> Word Count (1)
 UserId="26562" Comment="improved formatting" --> Word Count (62)
 UserId="26562" Comment="improved formatting" --> Word Count (5)
 UserId="28175" --> Word Count (163)
 UserId="43248" Comment="deleted 41 characters in body" --> Word Count (569)
 UserId="40853" Comment="Improved Formatting" --> Word Count (184)
 UserId="12345" Comment="Rollback to [3c159e3d-1d03-438d-9d89-b30b80c125b0]" -->
 Word Count (65)
 UserId="12345" Comment="Rollback to [3c159e3d-1d03-438d-9d89-b30b80c125b0]" -->
 Word Count (5)
 UserId="12345" Comment="edited title" --> Word Count (5)
 UserId="38355" Comment="deleted 1 character in body" --> Word Count (146)
 UserId="28175" Comment="added 105 characters in body" --> Word Count (172)
 UserId="29217" --> Word Count (61)
 UserId="26243" --> Word Count (76)
 UserId="26243" --> Word Count (202)
 UserId="43317" --> Word Count (77)
 UserId="43317" --> Word Count (7)
 UserId="43317" --> Word Count (1)
 UserId="43318" --> Word Count (61)
 UserId="43318" --> Word Count (10)
 UserId="43318" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (255)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (196)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (159)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (181)
 UserId="29575" Comment="Format Link" --> Word Count (175)
 UserId="24439" Comment="update sample data link" --> Word Count (374)
 UserId="24439" Comment="update sample data link" --> Word Count (6)
 UserId="43294" --> Word Count (165)
 UserId="41234" --> Word Count (82)
 UserId="43325" --> Word Count (148)
 UserId="43325" --> Word Count (7)
 UserId="43325" --> Word Count (1)
 UserId="43248" --> Word Count (351)
 UserId="43248" --> Word Count (7)
 UserId="43248" --> Word Count (1)
 UserId="32762" --> Word Count (119)
 UserId="43294" Comment="deleted 1 character in body" --> Word Count (165)
 UserId="43330" --> Word Count (94)
 UserId="43330" --> Word Count (10)
 UserId="43330" --> Word Count (1)
 UserId="43294" --> Word Count (16)
 UserId="40740" --> Word Count (85)

UserId="40740" --> Word Count (5)
 UserId="40740" --> Word Count (1)
 UserId="43334" --> Word Count (190)
 UserId="43334" --> Word Count (10)
 UserId="43334" --> Word Count (1)
 UserId="26019" Comment="new soulution for new edition of the package." --> Word Count (96)
 UserId="42648" --> Word Count (137)
 UserId="15402" --> Word Count (99)
 UserId="15402" --> Word Count (3)
 UserId="15402" --> Word Count (1)
 UserId="836" --> Word Count (202)
 UserId="836" Comment="added 73 characters in body" --> Word Count (213)
 UserId="43215" --> Word Count (207)
 UserId="43215" --> Word Count (277)
 UserId="43342" --> Word Count (90)
 UserId="43243" --> Word Count (46)
 UserId="34028" --> Word Count (201)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (327)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (194)
 UserId="43349" --> Word Count (91)
 UserId="43349" --> Word Count (8)
 UserId="43349" --> Word Count (1)
 UserId="43349" Comment="via Vote" --> Word Count (1)
 UserId="43349" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (73)
 UserId="43342" Comment="changed hypertext" --> Word Count (99)
 UserId="26243" --> Word Count (163)
 UserId="26243" --> Word Count (123)
 UserId="26243" Comment="added 125 characters in body" --> Word Count (172)
 UserId="7812" --> Word Count (54)
 UserId="7812" --> Word Count (3)
 UserId="7812" --> Word Count (1)
 UserId="43353" --> Word Count (52)
 UserId="43374" UserDisplayName="CrazyElf" --> Word Count (91)
 UserId="21257" --> Word Count (148)
 UserId="21257" Text=" --> Word Count (6)
 UserId="21257" --> Word Count (1)
 UserId="43294" --> Word Count (101)
 UserId="28175" --> Word Count (90)
 UserId="43358" --> Word Count (104)
 UserId="43358" --> Word Count (8)
 UserId="43358" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (97)
 UserId="43367" --> Word Count (91)
 UserId="29217" Comment="added 136 characters in body" --> Word Count (85)
 UserId="21560" --> Word Count (181)
 UserId="21560" --> Word Count (6)

UserId="21560" --> Word Count (1)
 UserId="28175" Comment="Keras does not necessarily need TensorFlow. This question can be helpful for machine-learning and more specifically for deep-learning practitioners." --> Word Count (8)
 UserId="28175" Comment="Keras does not necessarily need TensorFlow. This question can be helpful for machine-learning and more specifically for deep-learning practitioners." --> Word Count (1)
 UserId="26562" Comment="Keras does not necessarily need TensorFlow. This question can be helpful for machine-learning and more specifically for deep-learning practitioners." --> Word Count (9)
 UserId="41977" --> Word Count (68)
 UserId="41977" --> Word Count (4)
 UserId="41977" --> Word Count (1)
 UserId="15828" --> Word Count (134)
 UserId="15828" Comment="added 496 characters in body" --> Word Count (192)
 UserId="30335" --> Word Count (239)
 UserId="30335" --> Word Count (18)
 UserId="30335" --> Word Count (1)
 UserId="14904" --> Word Count (208)
 UserId="14904" Comment="added 777 characters in body" --> Word Count (341)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (225)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (624)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (199)
 UserId="15402" Comment="added 54 characters in body" --> Word Count (107)
 UserId="43384" Comment="added 351 characters in body" --> Word Count (396)
 UserId="43294" --> Word Count (82)
 UserId="15828" Comment="added 110 characters in body" --> Word Count (202)
 UserId="35479" --> Word Count (399)
 UserId="35479" --> Word Count (7)
 UserId="35479" --> Word Count (1)
 UserId="41886" --> Word Count (174)
 UserId="10640" --> Word Count (274)
 UserId="10640" --> Word Count (15)
 UserId="10640" --> Word Count (1)
 UserId="836" --> Word Count (225)
 UserId="10640" --> Word Count (362)
 UserId="10640" --> Word Count (19)
 UserId="10640" --> Word Count (1)
 UserId="10640" Comment="added 2 characters in body" --> Word Count (385)
 UserId="10640" Comment="added 16 characters in body" --> Word Count (388)
 UserId="10640" Comment="added 16 characters in body" --> Word Count (20)
 UserId="40853" Comment="Improved Formatting" --> Word Count (241)
 UserId="38892" --> Word Count (87)
 UserId="43406" --> Word Count (32)
 UserId="38892" Comment="added 4 characters in body" --> Word Count (87)
 UserId="836" --> Word Count (253)
 UserId="836" Comment="added 815 characters in body" --> Word Count (378)
 UserId="836" Comment="added 20 characters in body" --> Word Count (379)

UserId="28175" --> Word Count (43)
 UserId="28175" --> Word Count (7)
 UserId="28175" --> Word Count (1)
 UserId="28175" Comment="added 97 characters in body; edited tags; edited title"
 --> Word Count (59)
 UserId="28175" Comment="added 97 characters in body; edited tags; edited title"
 --> Word Count (10)
 UserId="28175" Comment="added 97 characters in body; edited tags; edited title"
 --> Word Count (1)
 UserId="13787" --> Word Count (251)
 UserId="836" Comment="added 217 characters in body" --> Word Count (413)
 UserId="24696" Comment="deleted 3 characters in body" --> Word Count (101)
 UserId="25345" --> Word Count (28)
 UserId="25345" --> Word Count (5)
 UserId="25345" --> Word Count (1)
 UserId="21" Comment="101" --> Word Count (2)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="16338" --> Word Count (138)
 UserId="16338" --> Word Count (5)
 UserId="16338" --> Word Count (1)
 UserId="15412" --> Word Count (127)
 UserId="25345" Comment="added 297 characters in body; edited tags" --> Word
 Count (80)
 UserId="25345" Comment="added 297 characters in body; edited tags" --> Word
 Count (1)
 UserId="43215" --> Word Count (95)
 UserId="41297" --> Word Count (23)
 UserId="41297" --> Word Count (16)
 UserId="41297" --> Word Count (1)
 UserId="25345" --> Word Count (130)
 UserId="25345" Comment="edited title" --> Word Count (5)
 UserId="42531" --> Word Count (157)
 UserId="42531" Comment="added nvidia-smi 'top' terminal command" --> Word Count
 (186)
 UserId="43398" --> Word Count (52)
 UserId="43398" --> Word Count (8)
 UserId="43398" --> Word Count (1)
 UserId="37986" --> Word Count (30)
 UserId="37986" --> Word Count (6)
 UserId="37986" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (186)
 UserId="30519" Comment="edited body" --> Word Count (150)
 UserId="29575" Comment="Format Link" --> Word Count (98)
 UserId="33963" --> Word Count (90)
 UserId="33963" --> Word Count (7)
 UserId="33963" --> Word Count (1)
 UserId="37340" --> Word Count (78)
 UserId="43429" --> Word Count (85)

UserId="43429" --> Word Count (4)
 UserId="43429" --> Word Count (1)
 UserId="836" Comment="edited title" --> Word Count (11)
 UserId="26243" --> Word Count (58)
 UserId="43431" --> Word Count (29)
 UserId="43431" --> Word Count (6)
 UserId="43431" --> Word Count (1)
 UserId="26243" Comment="fix link error" --> Word Count (58)
 UserId="32762" --> Word Count (19)
 UserId="32762" --> Word Count (7)
 UserId="32762" --> Word Count (1)
 UserId="43215" --> Word Count (103)
 UserId="28175" --> Word Count (256)
 UserId="28175" Comment="deleted 17 characters in body" --> Word Count (54)
 UserId="32762" Comment="edited body" --> Word Count (34)
 UserId="836" Comment="Explaining "not make sense"" --> Word Count (447)
 UserId="28175" --> Word Count (182)
 UserId="28175" --> Word Count (27)
 UserId="28175" Comment="added 41 characters in body" --> Word Count (24)
 UserId="43398" --> Word Count (27)
 UserId="29575" Comment="Clarify Question" --> Word Count (105)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (59)
 UserId="29575" Comment="Minor grammar" --> Word Count (29)
 UserId="26562" Comment="Minor grammar & formatting" --> Word Count (29)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (26)
 UserId="28175" Comment="I tried to edit. This question may also be useful for deep-learning practitioners " --> Word Count (11)
 UserId="28175" Comment="I tried to edit. This question may also be useful for deep-learning practitioners " --> Word Count (1)
 UserId="29575" Comment="Minor grammar" --> Word Count (71)
 UserId="28175" --> Word Count (235)
 UserId="28175" Comment="added 212 characters in body" --> Word Count (270)
 UserId="40515" --> Word Count (360)
 UserId="40515" --> Word Count (9)
 UserId="40515" --> Word Count (1)
 UserId="27729" --> Word Count (427)
 UserId="27729" --> Word Count (8)
 UserId="27729" --> Word Count (1)
 UserId="43441" --> Word Count (104)
 UserId="43441" --> Word Count (9)
 UserId="43441" --> Word Count (1)
 UserId="28175" --> Word Count (44)
 UserId="28175" Comment="good to be used by machine-learning practitioners" --> Word Count (1)
 UserId="26562" Comment="good to be used by machine-learning practitioners" --> Word Count (99)
 UserId="28175" Comment="added 278 characters in body" --> Word Count (81)

UserId="28175" Comment="helpful for machine-learning practitioners" --> Word Count (1)
 UserId="26562" Comment="helpful for machine-learning practitioners" --> Word Count (88)
 UserId="28011" --> Word Count (94)
 UserId="28011" --> Word Count (9)
 UserId="28011" --> Word Count (1)
 UserId="26243" --> Word Count (91)
 UserId="43444" --> Word Count (93)
 UserId="15828" --> Word Count (243)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (354)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (165)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (116)
 UserId="43444" Comment="Further explained the concepts of fine-tuning and transfer learning." --> Word Count (175)
 UserId="15828" --> Word Count (239)
 UserId="15828" Comment="edited body" --> Word Count (239)
 UserId="15828" Comment="edited body" --> Word Count (272)
 UserId="28175" Comment="added 3 characters in body" --> Word Count (271)
 UserId="16338" Comment="added 425 characters in body" --> Word Count (120)
 UserId="21" Comment="appended answer 9709 as supplemental" --> Word Count (118)
 UserId="21" Comment="102" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="43458" --> Word Count (399)
 UserId="43458" --> Word Count (5)
 UserId="43458" --> Word Count (1)
 UserId="26243" --> Word Count (305)
 UserId="26243" Comment="deleted 33 characters in body; edited tags" --> Word Count (396)
 UserId="26243" Comment="deleted 33 characters in body; edited tags" --> Word Count (1)
 UserId="26243" Comment="added 200 characters in body" --> Word Count (329)
 UserId="43459" --> Word Count (69)
 UserId="43463" --> Word Count (42)
 UserId="43463" --> Word Count (7)
 UserId="43463" --> Word Count (1)
 UserId="43459" --> Word Count (52)
 UserId="26562" Comment="removed extra commentary, improved formatting" --> Word Count (36)
 UserId="43077" --> Word Count (207)
 UserId="43077" --> Word Count (10)
 UserId="43077" --> Word Count (1)
 UserId="43077" Comment="added 180 characters in body" --> Word Count (236)
 UserId="43447" --> Word Count (121)
 UserId="29575" --> Word Count (338)
 UserId="43467" --> Word Count (83)

UserId="43467" --> Word Count (11)
 UserId="43467" --> Word Count (1)
 UserId="32429" --> Word Count (138)
 UserId="32429" --> Word Count (8)
 UserId="32429" --> Word Count (1)
 UserId="8878" Comment="First answer was not addressing the question" --> Word Count (344)
 UserId="43077" Comment="edited body" --> Word Count (235)
 UserId="8878" Comment="re-structuring grammar and correcting typos" --> Word Count (26)
 UserId="32762" Comment="added 94 characters in body" --> Word Count (28)
 UserId="29575" Comment="Format code" --> Word Count (74)
 UserId="29575" Comment="Format code" --> Word Count (11)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (770)
 UserId="29575" Comment="Minor grammar" --> Word Count (213)
 UserId="40515" --> Word Count (361)
 UserId="40515" --> Word Count (9)
 UserId="40515" --> Word Count (1)
 UserId="43473" --> Word Count (117)
 UserId="43473" --> Word Count (5)
 UserId="43473" --> Word Count (1)
 UserId="29575" Comment="Format link" --> Word Count (113)
 UserId="924" --> Word Count (66)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (148)
 UserId="29575" Comment="Minor grammar" --> Word Count (374)
 UserId="40740" --> Word Count (84)
 UserId="40740" --> Word Count (9)
 UserId="40740" --> Word Count (1)
 UserId="40540" --> Word Count (72)
 UserId="40540" --> Word Count (11)
 UserId="40540" --> Word Count (1)
 UserId="43476" --> Word Count (329)
 UserId="43476" --> Word Count (7)
 UserId="43476" --> Word Count (1)
 UserId="18481" --> Word Count (81)
 UserId="18481" --> Word Count (15)
 UserId="18481" --> Word Count (1)
 UserId="23305" --> Word Count (57)
 UserId="33963" Comment="added 75 characters in body; edited title" --> Word Count (102)
 UserId="33963" Comment="added 75 characters in body; edited title" --> Word Count (6)
 UserId="43215" --> Word Count (51)
 UserId="43215" Comment="added 557 characters in body" --> Word Count (170)
 UserId="37952" Comment="added 1 character in body" --> Word Count (153)
 UserId="40515" Comment="added 141 characters in body" --> Word Count (386)
 UserId="23305" Comment="add comment about Kuhn-Tucker generalizing Lagrange multipliers" --> Word Count (81)

UserId="43488" --> Word Count (24)
 UserId="43488" --> Word Count (4)
 UserId="43488" --> Word Count (1)
 UserId="29575" Comment="Add link" --> Word Count (27)
 UserId="43210" Comment="In the exponential the minus sign was missing. By adding it we can see that is the right thing to do since the similarity matrices show ones in the main diagonal. I've added a plot of the similarity kernel and the similarity matrix obtained from $\sigma = \text{std.dev.}$ " --> Word Count (306)
 UserId="38892" Comment="latexify the picture" --> Word Count (88)
 UserId="26562" Comment="improved grammar and sentence structure" --> Word Count (327)
 UserId="26562" Comment="improved grammar and sentence structure" --> Word Count (8)
 UserId="43495" --> Word Count (35)
 UserId="8517" --> Word Count (146)
 UserId="8517" --> Word Count (13)
 UserId="8517" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (80)
 UserId="29575" Comment="Add link to `str.contains`" --> Word Count (341)
 UserId="40540" --> Word Count (73)
 UserId="40540" --> Word Count (6)
 UserId="40540" --> Word Count (1)
 UserId="41886" --> Word Count (205)
 UserId="41886" --> Word Count (199)
 UserId="40540" Comment="added 198 characters in body" --> Word Count (98)
 UserId="42726" --> Word Count (90)
 UserId="42726" --> Word Count (6)
 UserId="42726" --> Word Count (1)
 UserId="43474" --> Word Count (96)
 UserId="43474" --> Word Count (5)
 UserId="43474" --> Word Count (1)
 UserId="16693" --> Word Count (269)
 UserId="43077" Comment="added 15 characters in body" --> Word Count (238)
 UserId="27665" --> Word Count (71)
 UserId="21560" --> Word Count (364)
 UserId="21560" --> Word Count (11)
 UserId="21560" --> Word Count (1)
 UserId="26243" --> Word Count (138)
 UserId="43473" Comment="added 1220 characters in body" --> Word Count (282)
 UserId="15828" Comment="more descriptive title" --> Word Count (7)
 UserId="13787" --> Word Count (245)
 UserId="13787" --> Word Count (586)
 UserId="13787" --> Word Count (287)
 UserId="38506" --> Word Count (85)
 UserId="38506" --> Word Count (10)
 UserId="38506" --> Word Count (1)
 UserId="43508" --> Word Count (102)
 UserId="43508" --> Word Count (6)

UserId="43508" --> Word Count (1)
 UserId="43276" --> Word Count (36)
 UserId="29575" Comment="Minor formatting" --> Word Count (361)
 UserId="29575" Comment="Minor grammar" --> Word Count (81)
 UserId="38506" Comment="added 47 characters in body; deleted 1 character in body" --> Word Count (88)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (94)
 UserId="29575" --> Word Count (53)
 UserId="43294" --> Word Count (56)
 UserId="43508" Comment="Added a textual implementation, formatting, spelling" --> Word Count (220)
 UserId="43508" Comment="Added a textual implementation, formatting, spelling" --> Word Count (7)
 UserId="43294" --> Word Count (104)
 UserId="43508" --> Word Count (27)
 UserId="43511" --> Word Count (184)
 UserId="43511" --> Word Count (8)
 UserId="43511" --> Word Count (1)
 UserId="15828" --> Word Count (262)
 UserId="43513" --> Word Count (219)
 UserId="43513" --> Word Count (8)
 UserId="43513" --> Word Count (1)
 UserId="43077" Comment="added 190 characters in body" --> Word Count (268)
 UserId="43511" Comment="added 23 characters in body" --> Word Count (187)
 UserId="43215" --> Word Count (189)
 UserId="43294" --> Word Count (78)
 UserId="43517" --> Word Count (26)
 UserId="43517" --> Word Count (9)
 UserId="43517" --> Word Count (1)
 UserId="43215" --> Word Count (85)
 UserId="43511" Comment="added 66 characters in body" --> Word Count (199)
 UserId="43215" Comment="added 590 characters in body" --> Word Count (282)
 UserId="43294" --> Word Count (32)
 UserId="15828" Comment="added 156 characters in body" --> Word Count (288)
 UserId="33040" --> Word Count (290)
 UserId="33040" --> Word Count (6)
 UserId="33040" --> Word Count (1)
 UserId="43000" Comment="typo in title, code highlighting" --> Word Count (389)
 UserId="43000" Comment="typo in title, code highlighting" --> Word Count (9)
 UserId="1330" Comment="typo in title, code highlighting" --> Word Count (387)
 UserId="43502" --> Word Count (106)
 UserId="43502" --> Word Count (4)
 UserId="43502" --> Word Count (1)
 UserId="1330" --> Word Count (92)
 UserId="43294" --> Word Count (266)
 UserId="43491" --> Word Count (192)
 UserId="43491" --> Word Count (12)
 UserId="43491" --> Word Count (1)

UserId="43525" --> Word Count (31)
 UserId="9618" --> Word Count (75)
 UserId="9618" --> Word Count (10)
 UserId="9618" --> Word Count (1)
 UserId="43215" --> Word Count (100)
 UserId="15828" --> Word Count (117)
 UserId="15828" Comment="deleted 3 characters in body" --> Word Count (116)
 UserId="18434" --> Word Count (100)
 UserId="43491" Comment="added 1 character in body" --> Word Count (192)
 UserId="43531" --> Word Count (80)
 UserId="43531" --> Word Count (8)
 UserId="43531" --> Word Count (1)
 UserId="37475" --> Word Count (175)
 UserId="37475" --> Word Count (11)
 UserId="37475" --> Word Count (1)
 UserId="43532" --> Word Count (70)
 UserId="43532" --> Word Count (7)
 UserId="43532" --> Word Count (1)
 UserId="43532" Comment="edited title" --> Word Count (4)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (66)
 UserId="43534" --> Word Count (186)
 UserId="43458" --> Word Count (532)
 UserId="43458" Text=" --> Word Count (7)
 UserId="43458" --> Word Count (1)
 UserId="43532" Comment="added 269 characters in body" --> Word Count (107)
 UserId="43458" Comment="added 19 characters in body" --> Word Count (534)
 UserId="42142" --> Word Count (167)
 UserId="43459" Comment="added 407 characters in body" --> Word Count (101)
 UserId="43541" --> Word Count (24)
 UserId="43541" --> Word Count (5)
 UserId="43541" --> Word Count (1)
 UserId="43541" --> Word Count (46)
 UserId="43531" --> Word Count (252)
 UserId="43531" --> Word Count (19)
 UserId="43531" --> Word Count (1)
 UserId="43508" Comment="added 25 characters in body" --> Word Count (223)
 UserId="40853" --> Word Count (275)
 UserId="41072" --> Word Count (328)
 UserId="41072" --> Word Count (4)
 UserId="41072" --> Word Count (1)
 UserId="21560" --> Word Count (189)
 UserId="21560" --> Word Count (9)
 UserId="21560" --> Word Count (1)
 UserId="41072" --> Word Count (36)
 UserId="21560" Comment="added 102 characters in body" --> Word Count (289)
 UserId="14588" --> Word Count (173)
 UserId="43548" --> Word Count (198)
 UserId="14588" Comment="add 1 half-sentence" --> Word Count (193)

UserId="43294" --> Word Count (209)
 UserId="15828" Comment="deleted 20 characters in body" --> Word Count (112)
 UserId="43294" --> Word Count (293)
 UserId="15828" Comment="added 21 characters in body" --> Word Count (115)
 UserId="43294" --> Word Count (208)
 UserId="28175" --> Word Count (97)
 UserId="43294" --> Word Count (60)
 UserId="28175" --> Word Count (155)
 UserId="28175" Comment="added 385 characters in body" --> Word Count (135)
 UserId="23305" Comment="deleted 3 characters in body; edited title" --> Word Count (138)
 UserId="23305" Comment="deleted 3 characters in body; edited title" --> Word Count (7)
 UserId="1330" Comment="added 3 characters in body" --> Word Count (100)
 UserId="17047" --> Word Count (38)
 UserId="17047" --> Word Count (7)
 UserId="17047" --> Word Count (1)
 UserId="28175" Comment="edited body" --> Word Count (155)
 UserId="28175" --> Word Count (245)
 UserId="28175" Comment=" I tried to add an appropriate tag" --> Word Count (1)
 UserId="28175" Comment="Tried to add an appropriate tag" --> Word Count (1)
 UserId="43569" --> Word Count (233)
 UserId="43569" --> Word Count (8)
 UserId="43569" --> Word Count (1)
 UserId="43569" --> Word Count (64)
 UserId="43571" --> Word Count (23)
 UserId="43571" --> Word Count (11)
 UserId="43571" --> Word Count (1)
 UserId="43569" Comment="copied algorithm into answer" --> Word Count (108)
 UserId="43215" --> Word Count (365)
 UserId="43215" --> Word Count (12)
 UserId="43215" --> Word Count (1)
 UserId="43575" --> Word Count (123)
 UserId="43575" --> Word Count (17)
 UserId="43575" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (151)
 UserId="43578" --> Word Count (17)
 UserId="43569" Comment="expanded algorithm to handle weights" --> Word Count (163)
 UserId="15828" --> Word Count (69)
 UserId="15828" --> Word Count (15)
 UserId="15828" --> Word Count (1)
 UserId="1330" --> Word Count (56)
 UserId="15412" Comment="deleted 3 characters in body; edited tags" --> Word Count (24)
 UserId="15412" Comment="deleted 3 characters in body; edited tags" --> Word Count (1)
 UserId="15412" Comment="edited tags" --> Word Count (1)

UserId="40853" Comment="fixed some issues" --> Word Count (274)
 UserId="40853" Comment="fixed some issues" --> Word Count (219)
 UserId="43594" --> Word Count (20)
 UserId="29575" Comment="Format code" --> Word Count (20)
 UserId="43592" --> Word Count (21)
 UserId="43592" --> Word Count (11)
 UserId="43592" --> Word Count (1)
 UserId="24575" --> Word Count (181)
 UserId="15412" --> Word Count (137)
 UserId="43604" --> Word Count (193)
 UserId="43604" --> Word Count (6)
 UserId="43604" --> Word Count (1)
 UserId="43604" Comment="added 31 characters in body" --> Word Count (199)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (199)
 UserId="41929" --> Word Count (148)
 UserId="41929" --> Word Count (10)
 UserId="41929" --> Word Count (1)
 UserId="43608" --> Word Count (546)
 UserId="43608" --> Word Count (9)
 UserId="43608" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (56)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (1)
 UserId="43615" --> Word Count (304)
 UserId="27665" --> Word Count (37)
 UserId="-1" Comment="104" --> Word Count (3)
 UserId="28175" Comment="based on the answers I added deep-learning tag" -->
 Word Count (1)
 UserId="28860" --> Word Count (66)
 UserId="28860" --> Word Count (5)
 UserId="28860" --> Word Count (1)
 UserId="43614" --> Word Count (461)
 UserId="43614" --> Word Count (12)
 UserId="43614" --> Word Count (1)
 UserId="29601" --> Word Count (181)
 UserId="29601" --> Word Count (8)
 UserId="29601" --> Word Count (1)
 UserId="1330" Comment="added 3 characters in body" --> Word Count (101)
 UserId="32429" --> Word Count (19)
 UserId="32429" --> Word Count (9)
 UserId="32429" --> Word Count (1)
 UserId="43215" --> Word Count (146)
 UserId="29601" Comment="added 227 characters in body" --> Word Count (220)
 UserId="43474" --> Word Count (96)
 UserId="43474" --> Word Count (9)
 UserId="43474" --> Word Count (1)
 UserId="29781" --> Word Count (87)
 UserId="26562" --> Word Count (250)
 UserId="29781" Comment="„Poorly calibrated" can be misunderstood as if the

predictions still poor after the calibration which is not the case. " --> Word
 Count (255)
 UserId="26562" Comment="added clarification" --> Word Count (274)
 UserId="29781" --> Word Count (84)
 UserId="43077" --> Word Count (143)
 UserId="43077" --> Word Count (4)
 UserId="43077" --> Word Count (1)
 UserId="43634" --> Word Count (66)
 UserId="43634" --> Word Count (8)
 UserId="43634" --> Word Count (1)
 UserId="43634" Comment="added 2 characters in body" --> Word Count (66)
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 UserId="43637" --> Word Count (1)
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 UserId="18313" --> Word Count (15)
 UserId="18313" --> Word Count (1)
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 UserId="29575" Comment="Improved Formatting" --> Word Count (127)
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 UserId="43641" --> Word Count (1)
 UserId="26243" --> Word Count (120)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (445)
 UserId="43641" Comment="deleted 1 character in body" --> Word Count (445)
 UserId="29575" Comment="Minor grammar" --> Word Count (44)
 UserId="29575" Comment="Minor grammar" --> Word Count (9)
 UserId="37809" --> Word Count (134)
 UserId="40853" Comment="Improved Formatting" --> Word Count (195)
 UserId="29575" Comment="Improved Formatting" --> Word Count (191)
 UserId="40853" Comment="fixed some issues" --> Word Count (183)
 UserId="43645" --> Word Count (247)
 UserId="43645" --> Word Count (9)
 UserId="43645" --> Word Count (1)
 UserId="24162" --> Word Count (293)
 UserId="836" --> Word Count (104)
 UserId="43649" --> Word Count (110)
 UserId="836" Comment="added 699 characters in body" --> Word Count (218)
 UserId="836" Comment="deleted 8 characters in body" --> Word Count (217)
 UserId="38734" --> Word Count (52)
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 UserId="38734" --> Word Count (1)
 UserId="21560" --> Word Count (326)
 UserId="21560" --> Word Count (6)

UserId="21560" --> Word Count (1)
 UserId="43660" --> Word Count (137)
 UserId="43660" --> Word Count (5)
 UserId="43660" --> Word Count (1)
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 UserId="33349" --> Word Count (5)
 UserId="33349" --> Word Count (1)
 UserId="43634" Comment="edited body" --> Word Count (66)
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 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (138)
 UserId="37776" --> Word Count (203)
 UserId="37776" --> Word Count (19)
 UserId="37776" --> Word Count (1)
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 UserId="43668" --> Word Count (14)
 UserId="43668" --> Word Count (1)
 UserId="29575" Comment="Minor grammar" --> Word Count (62)
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 UserId="29575" Comment="Minor grammar" --> Word Count (56)
 UserId="29575" Comment="Format code" --> Word Count (70)
 UserId="43531" Comment="added 50 characters in body; edited title" --> Word Count (262)
 UserId="43531" Comment="added 50 characters in body; edited title" --> Word Count (19)
 UserId="43531" Comment="added 50 characters in body; edited title" --> Word Count (363)
 UserId="43531" Comment="added 50 characters in body; edited title" --> Word Count (18)
 UserId="43531" Comment="added 2 characters in body" --> Word Count (363)
 UserId="4886" --> Word Count (93)
 UserId="4886" --> Word Count (7)
 UserId="4886" --> Word Count (1)
 UserId="26243" --> Word Count (493)
 UserId="26243" Comment="deleted 1 character in body" --> Word Count (493)
 UserId="43675" --> Word Count (17)
 UserId="43679" --> Word Count (58)
 UserId="43679" --> Word Count (13)
 UserId="43679" --> Word Count (1)
 UserId="43680" --> Word Count (64)
 UserId="43680" --> Word Count (5)
 UserId="43680" --> Word Count (1)
 UserId="43681" --> Word Count (50)
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 UserId="43681" --> Word Count (1)
 UserId="43677" --> Word Count (265)
 UserId="43677" --> Word Count (4)
 UserId="43677" --> Word Count (1)

UserId="24162" Comment="correct matrices" --> Word Count (293)
 UserId="37657" --> Word Count (32)
 UserId="43689" --> Word Count (175)
 UserId="28175" --> Word Count (135)
 UserId="28175" --> Word Count (4)
 UserId="28175" --> Word Count (1)
 UserId="26243" Comment="added 1 character in body" --> Word Count (79)
 UserId="28175" --> Word Count (238)
 UserId="43438" --> Word Count (104)
 UserId="43474" --> Word Count (75)
 UserId="43474" --> Word Count (5)
 UserId="43474" --> Word Count (1)
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 UserId="43438" --> Word Count (1)
 UserId="43000" --> Word Count (101)
 UserId="26394" --> Word Count (166)
 UserId="28175" Comment="I added an appropriate tag" --> Word Count (1)
 UserId="29575" Comment="Fix typo" --> Word Count (174)
 UserId="29575" Comment="Minor formatting" --> Word Count (68)
 UserId="43526" --> Word Count (141)
 UserId="42945" --> Word Count (23)
 UserId="42945" --> Word Count (19)
 UserId="42945" --> Word Count (1)
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 UserId="4886" Comment="added 50 characters in body; edited title" --> Word Count (7)
 UserId="14457" --> Word Count (61)
 UserId="14457" --> Word Count (4)
 UserId="14457" --> Word Count (1)
 UserId="14457" Comment="deleted 1 character in body" --> Word Count (61)
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 UserId="28175" --> Word Count (23)
 UserId="28175" --> Word Count (10)
 UserId="28175" --> Word Count (1)
 UserId="28175" Comment=" " --> Word Count (238)
 UserId="28175" Comment="I added an appropriate tag" --> Word Count (1)
 UserId="43704" --> Word Count (68)
 UserId="43704" --> Word Count (10)
 UserId="43704" --> Word Count (1)
 UserId="43705" --> Word Count (131)
 UserId="43705" --> Word Count (1)
 UserId="43705" --> Word Count (1)
 UserId="37808" --> Word Count (33)
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 UserId="43706" --> Word Count (8)
 UserId="43706" --> Word Count (1)

UserId="43707" --> Word Count (72)
 UserId="26243" --> Word Count (202)
 UserId="26243" --> Word Count (169)
 UserId="26243" Comment="edited tags" --> Word Count (1)
 UserId="30107" --> Word Count (91)
 UserId="6433" --> Word Count (41)
 UserId="17047" --> Word Count (78)
 UserId="43714" --> Word Count (104)
 UserId="43714" --> Word Count (11)
 UserId="43714" --> Word Count (1)
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 UserId="42422" --> Word Count (1)
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 UserId="35386" --> Word Count (338)
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 UserId="43718" --> Word Count (1)
 UserId="43681" Comment="added 3 characters in body" --> Word Count (51)
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 UserId="41869" --> Word Count (28)
 UserId="41869" --> Word Count (1)
 UserId="41869" Comment="Added an example: sklearn." --> Word Count (234)
 UserId="26243" --> Word Count (94)
 UserId="26243" Comment="added 1249 characters in body" --> Word Count (379)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (78)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (1)
 UserId="6433" Comment="Add more tags" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (92)
 UserId="18434" --> Word Count (162)
 UserId="27460" --> Word Count (259)
 UserId="27460" --> Word Count (6)
 UserId="27460" --> Word Count (1)
 UserId="42945" --> Word Count (32)
 UserId="1330" Comment="added 36 characters in body; edited title" --> Word Count (76)
 UserId="1330" Comment="added 36 characters in body; edited title" --> Word Count (10)
 UserId="18434" --> Word Count (38)
 UserId="18434" --> Word Count (176)
 UserId="42904" --> Word Count (257)
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 UserId="42904" --> Word Count (1)
 UserId="43637" Comment="added 180 characters in body" --> Word Count (159)
 UserId="31075" --> Word Count (731)

UserId="31075" --> Word Count (8)
 UserId="31075" --> Word Count (1)
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 UserId="36977" --> Word Count (28)
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 UserId="43734" --> Word Count (16)
 UserId="43734" --> Word Count (1)
 UserId="28175" --> Word Count (218)
 UserId="18434" --> Word Count (201)
 UserId="38377" --> Word Count (84)
 UserId="38377" --> Word Count (5)
 UserId="38377" --> Word Count (1)
 UserId="41535" --> Word Count (122)
 UserId="41535" --> Word Count (11)
 UserId="41535" --> Word Count (1)
 UserId="43742" --> Word Count (149)
 UserId="43742" --> Word Count (5)
 UserId="43742" --> Word Count (1)
 UserId="6433" Comment="Add more tags" --> Word Count (1)
 UserId="26019" --> Word Count (222)
 UserId="26019" --> Word Count (13)
 UserId="26019" --> Word Count (1)
 UserId="43744" --> Word Count (621)
 UserId="43744" --> Word Count (8)
 UserId="43744" --> Word Count (1)
 UserId="836" Comment="format code" --> Word Count (433)
 UserId="37986" --> Word Count (55)
 UserId="37986" --> Word Count (7)
 UserId="37986" --> Word Count (1)
 UserId="43656" --> Word Count (61)
 UserId="43656" --> Word Count (5)
 UserId="43656" --> Word Count (1)
 UserId="43438" --> Word Count (36)
 UserId="27665" Comment="refine style" --> Word Count (84)
 UserId="28175" --> Word Count (155)
 UserId="37986" --> Word Count (58)
 UserId="37986" --> Word Count (6)
 UserId="37986" --> Word Count (1)
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 UserId="15828" --> Word Count (13)
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 UserId="15828" Comment="added 131 characters in body" --> Word Count (275)
 UserId="18434" --> Word Count (174)
 UserId="-1" Comment="102" --> Word Count (2)
 UserId="41535" --> Word Count (32)
 UserId="41535" --> Word Count (11)
 UserId="41535" --> Word Count (1)
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 UserId="23492" --> Word Count (8)
 UserId="23492" --> Word Count (1)
 UserId="37808" --> Word Count (63)
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 UserId="24409" --> Word Count (74)
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 NLP tasks

 * Text pre-processing
 * Coreference resolution
 * Dependency parsing
 * Document summarization
 * Named entity recognition (NER) [tag:named-entity-recognition]
 * Information extraction (IE) [tag:information-retrieval]
 * Language modeling
 * Part-of-speech (POS) tagging
 * Morphological analysis and wordform generation
 * Phrase-structure (constituency) parsing 
 * Machine translation (MT) [tag:machine-translation]
 * Question answering (QA)
 * Sentiment analysis [tag:sentiment-analysis]
 * Semantic parsing 
 * Text categorization 
 * --> Word Count (42)
 UserId="29575" Comment="Provide some text" --> Word Count (92)
 UserId="29575" Comment="Provide some text" --> Word Count (118)
 UserId="-1" Comment="104" --> Word Count (2)
 UserId="-1" Comment="104" --> Word Count (2)
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 UserId="28628" --> Word Count (6)
 UserId="28628" --> Word Count (1)
 UserId="28175" --> Word Count (21)
 UserId="43677" Comment="added 41 characters in body" --> Word Count (364)
 UserId="43769" --> Word Count (189)
 UserId="43769" --> Word Count (17)
 UserId="43769" --> Word Count (1)
 UserId="43438" --> Word Count (47)
 <DELETE> --> Word Count (175)
 <DELETE> --> Word Count (6)

<DELETE> --> Word Count (1)
 <DELETE> --> Word Count (176)
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 UserId="43777" --> Word Count (88)
 UserId="43777" --> Word Count (13)
 UserId="43777" --> Word Count (1)
 UserId="37808" Comment="Updated answer" --> Word Count (191)
 UserId="43779" --> Word Count (78)
 UserId="37808" Comment="added 153 characters in body" --> Word Count (207)
 UserId="924" --> Word Count (63)
 UserId="27108" --> Word Count (191)
 UserId="27108" --> Word Count (16)
 UserId="27108" --> Word Count (1)
 UserId="27108" Comment="added 249 characters in body" --> Word Count (232)
 UserId="43783" --> Word Count (416)
 UserId="43783" --> Word Count (16)
 UserId="43783" --> Word Count (1)
 UserId="28175" --> Word Count (152)
 UserId="27983" --> Word Count (122)
 UserId="42094" --> Word Count (133)
 UserId="42094" --> Word Count (5)
 UserId="42094" --> Word Count (1)
 UserId="28175" Comment="added 4 characters in body" --> Word Count (155)
 UserId="18434" --> Word Count (214)
 UserId="28175" Comment="added 3672 characters in body" --> Word Count (1014)
 UserId="43793" --> Word Count (177)
 UserId="43793" --> Word Count (10)
 UserId="43793" --> Word Count (1)
 UserId="43791" --> Word Count (506)
 UserId="43791" --> Word Count (14)
 UserId="43791" --> Word Count (1)
 UserId="43791" Comment="edited tags" --> Word Count (1)
 UserId="43791" Comment="deleted 4 characters in body" --> Word Count (502)
 UserId="43656" --> Word Count (81)
 UserId="43656" --> Word Count (7)
 UserId="43656" --> Word Count (1)
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 UserId="41529" --> Word Count (65)
 UserId="43801" --> Word Count (174)
 UserId="43801" --> Word Count (12)
 UserId="43801" --> Word Count (1)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (176)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (1)
 UserId="43801" Comment="edited tags" --> Word Count (1)
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 UserId="43803" --> Word Count (10)
 UserId="43803" --> Word Count (1)
 UserId="43803" --> Word Count (547)

UserId="26243" --> Word Count (108)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (223)
 UserId="29575" Comment="Minor formatting" --> Word Count (150)
 UserId="29575" Comment="Minor formatting" --> Word Count (485)
 UserId="26243" --> Word Count (222)
 UserId="41482" Comment="edited body" --> Word Count (254)
 UserId="43808" --> Word Count (25)
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 UserId="29575" Comment="Format code" --> Word Count (36)
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 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="102" --> Word Count (3)
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 UserId="21" Comment="102" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="21" Comment="102" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (3)
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 UserId="43812" --> Word Count (1)
 UserId="21560" Comment="added 4903 characters in body" --> Word Count (1528)
 UserId="28175" --> Word Count (188)
 UserId="28175" --> Word Count (2)
 UserId="28175" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="30107" --> Word Count (172)
 UserId="924" --> Word Count (13)
 UserId="42904" Comment="added 401 characters in body" --> Word Count (313)
 UserId="29575" Comment="Minor formatting" --> Word Count (41)
 UserId="43833" --> Word Count (93)
 UserId="43833" --> Word Count (8)
 UserId="43833" --> Word Count (1)
 UserId="28175" --> Word Count (20)
 UserId="31434" --> Word Count (63)
 UserId="23482" --> Word Count (106)
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 UserId="38503" --> Word Count (5)
 UserId="38503" --> Word Count (1)
 UserId="18501" --> Word Count (48)

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 UserId="18501" --> Word Count (1)
 UserId="28175" Comment="edited title" --> Word Count (3)
 UserId="924" --> Word Count (129)
 UserId="42142" --> Word Count (90)
 UserId="43656" --> Word Count (55)
 UserId="43656" --> Word Count (4)
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 UserId="41297" --> Word Count (15)
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 UserId="43844" --> Word Count (13)
 UserId="37822" --> Word Count (154)
 UserId="37822" --> Word Count (6)
 UserId="37822" --> Word Count (1)
 UserId="29575" Comment="Fix Typo" --> Word Count (155)
 UserId="43077" --> Word Count (182)
 UserId="43077" --> Word Count (7)
 UserId="43077" --> Word Count (1)
 UserId="43077" Comment="added 26 characters in body" --> Word Count (198)
 UserId="43077" Comment="added 50 characters in body" --> Word Count (203)
 UserId="43077" --> Word Count (132)
 UserId="43077" Comment="added 15 characters in body" --> Word Count (215)
 UserId="43077" Comment="added name of the book, after googling for the quote "
 --> Word Count (60)
 UserId="29575" Comment="added name of the book, after googling for the quote "
 --> Word Count (59)
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 UserId="40625" --> Word Count (1)
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 UserId="43860" --> Word Count (1)
 UserId="31718" --> Word Count (56)
 UserId="43862" --> Word Count (158)
 UserId="43862" --> Word Count (15)

UserId="43862" --> Word Count (1)
 UserId="43862" Comment="added 105 characters in body" --> Word Count (125)
 UserId="28175" --> Word Count (196)
 UserId="43862" Comment="edited tags" --> Word Count (1)
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 UserId="40515" --> Word Count (23)
 UserId="40515" --> Word Count (1)
 UserId="28175" Comment="I added appropriate tags" --> Word Count (1)
 UserId="43077" Comment="added 905 characters in body" --> Word Count (286)
 UserId="43369" --> Word Count (53)
 UserId="43077" Comment="added 905 characters in body" --> Word Count (349)
 UserId="43077" Comment="added 50 characters in body" --> Word Count (359)
 UserId="43865" --> Word Count (92)
 UserId="43865" --> Word Count (7)
 UserId="43865" --> Word Count (1)
 UserId="42953" --> Word Count (179)
 UserId="42953" --> Word Count (5)
 UserId="42953" --> Word Count (1)
 UserId="43077" Comment="added 67 characters in body" --> Word Count (383)
 UserId="42953" Comment="added 10 characters in body" --> Word Count (204)
 UserId="26243" Comment="added 1 character in body" --> Word Count (204)
 UserId="28175" Comment="I added some tags" --> Word Count (1)
 UserId="42953" Comment="added 276 characters in body" --> Word Count (250)
 UserId="43875" --> Word Count (65)
 UserId="43875" --> Word Count (10)
 UserId="43875" --> Word Count (1)
 UserId="43875" Comment="added 286 characters in body" --> Word Count (112)
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 UserId="23492" --> Word Count (94)
 UserId="23492" --> Word Count (40)
 UserId="26243" --> Word Count (137)
 UserId="43077" Comment="added 97 characters in body" --> Word Count (401)
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 UserId="29575" Comment="some changes" --> Word Count (45)
 UserId="28175" Comment="some changes" --> Word Count (53)
 UserId="28175" Comment="some changes" --> Word Count (1)
 UserId="29575" Comment="revert code formatting" --> Word Count (51)
 UserId="28175" Comment="some changes" --> Word Count (34)
 UserId="28175" Comment="some changes" --> Word Count (14)
 UserId="28175" Comment="some changes" --> Word Count (1)
 UserId="29575" Comment="some changes" --> Word Count (35)
 UserId="29575" Comment="Minor formatting" --> Word Count (86)
 UserId="43615" --> Word Count (220)
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 UserId="18434" --> Word Count (7)
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 UserId="-1" --> Word Count (1)

UserId="836" --> Word Count (341)
 UserId="836" Comment="added 261 characters in body" --> Word Count (427)
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 UserId="836" Comment="added 14 characters in body" --> Word Count (429)
 UserId="43896" --> Word Count (278)
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 UserId="43720" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (150)
 UserId="43615" Comment="added 132 characters in body" --> Word Count (241)
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 UserId="43615" Comment="added 39 characters in body" --> Word Count (214)
 UserId="-1" Comment="this user probably didn't mean to link to the paper on the link to kaggle as well" --> Word Count (33)
 UserId="29575" Comment="this user probably didn't mean to link to the paper on the link to kaggle as well" --> Word Count (31)
 UserId="41700" --> Word Count (49)
 UserId="39331" --> Word Count (54)
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 UserId="37718" --> Word Count (66)
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 UserId="37718" --> Word Count (1)
 UserId="43914" --> Word Count (59)
 UserId="43914" --> Word Count (48)
 UserId="43914" Text="I am trying to classify customer support sessions using supervised machine learning.

In each customer support session I have 3 bags of information.
1. The title of the customer's complaint 
2. Information about the device the customer was using
3.
 --> Word Count (67)
 UserId="43914" --> Word Count (9)
 UserId="43914" --> Word Count (1)
 UserId="31718" Comment="Added recently announced dataset" --> Word Count (189)
 UserId="43921" --> Word Count (97)
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 UserId="43921" --> Word Count (1)
 UserId="43921" Comment="added 77 characters in body" --> Word Count (110)
 UserId="27108" Comment="added 579 characters in body" --> Word Count (313)
 UserId="41072" --> Word Count (215)
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 UserId="43356" --> Word Count (1)
 UserId="23492" --> Word Count (88)

UserId="27108" Comment="added 156 characters in body" --> Word Count (341)
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 UserId="31457" --> Word Count (19)
 UserId="17290" Comment="typos, spelling" --> Word Count (155)
 UserId="43077" --> Word Count (397)
 UserId="43077" --> Word Count (5)
 UserId="43077" --> Word Count (1)
 UserId="27237" --> Word Count (98)
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 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (106)
 UserId="29575" Comment="Format links" --> Word Count (54)
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 UserId="43077" Comment="added 26 characters in body" --> Word Count (401)
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 UserId="43077" Comment="deleted 24 characters in body" --> Word Count (398)
 UserId="43077" Comment="added 167 characters in body" --> Word Count (240)
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 UserId="26243" Comment="edited body; edited tags" --> Word Count (1)
 UserId="843" Comment="added 53 characters in body" --> Word Count (15)
 UserId="43077" Comment="added 293 characters in body" --> Word Count (422)
 UserId="30686" --> Word Count (89)
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 UserId="30686" --> Word Count (1)

UserId="43889" --> Word Count (83)
 UserId="28495" --> Word Count (250)
 UserId="28495" --> Word Count (16)
 UserId="28495" --> Word Count (1)
 UserId="924" --> Word Count (61)
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 UserId="40801" Comment="edited ques" --> Word Count (1)
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 UserId="40801" --> Word Count (85)
 UserId="40801" --> Word Count (11)
 UserId="40801" --> Word Count (1)
 UserId="43958" --> Word Count (46)
 UserId="43958" --> Word Count (8)
 UserId="43958" --> Word Count (1)
 UserId="31718" --> Word Count (156)
 UserId="43656" --> Word Count (81)
 UserId="43656" --> Word Count (5)
 UserId="43656" --> Word Count (1)
 UserId="4683" --> Word Count (907)
 UserId="4683" Comment="added 142 characters in body" --> Word Count (931)
 UserId="31846" --> Word Count (82)
 UserId="4683" Comment="added 842 characters in body" --> Word Count (1068)
 UserId="31846" --> Word Count (92)
 UserId="4683" Comment="added 1023 characters in body" --> Word Count (1231)
 UserId="4683" Comment="added 1023 characters in body" --> Word Count (1231)
 UserId="4683" Comment="added 294 characters in body" --> Word Count (1286)
 UserId="38657" --> Word Count (135)
 UserId="43962" --> Word Count (91)
 UserId="43962" --> Word Count (6)
 UserId="43962" --> Word Count (1)
 UserId="43783" --> Word Count (71)
 UserId="29575" Comment="Fix typo" --> Word Count (91)
 UserId="43962" Comment="deleted 30 characters in body" --> Word Count (90)
 UserId="31846" Text="You've brought up some very good points. Let's walk through all of this:

A word embedding is a mathematical representation of a word. 
This is needed since we cant work with text as plain input.

In order to get these word embeddings, there a different ways, methods and settings on how to calculate them. cbow, skip-gram and so on.


There are different pretrained word embeddings out there e.g.

 - [Fasttext][1] 2017, trained on Wikipedia; [cudos to Bojanowski, Piotr and Grave, Edouard and Joulin, Armand and Mikolov, Tomas][2] 
 - [Word2Vec][3] 2013, trained Google News dataset; [cudos to Tomas Mikolov, Kai Chen, Greg Corrado, Jeffrey Dean][4]
 - [Glove][5] 2013, Wikipedia 2014 + Gigaword 5; [cudos to Jeffrey Pennington, Richard Socher, Christopher D.

Manning] [6] This is just an excerpt of the most well-known ones. As you can see, they used different data sets - thus different word vocabulary and word embeddings respectively. I don't understand what is the real difference between these approaches regarding the desired outcome? Maybe the internal-only solution is not a semantic representation? What is the point of applying embedding layer to an external matrix of which the rows already have fix length? Keras is an awesome toolbox and the embedding layer is a very good possibility to get things up and running pretty fast. Convert the text into one-hot/count matrix, use it as the input into the word embedding layer and you are set. On the other hand if you use pre-trained word vectors then you convert each word into a vector and use that as the input for your neural network. This approach would give you more flexibility when it comes to feature engineering. As mentioned above, pre-trained word vectors were given mostly general text data sets. You might run into the point where you have some special kind of data (e.g. Tweets) where people write or behave differently. So you might look into training your own embeddings, on your own dataset - at the end of the day it depends on your task/problem and the metrics that you are tuning towards. Moreover, what is the purpose/effect of the trainable parameter of the Embedding layer? As you said correctly, it is to retrain the weights of the embeddings with the data set you use. I cannot understand what is the point to explicitly sign the end of sentence in a sentence based input. One of the most important things in NLP is feature engineering. It is the same as you sitting in school and learning a language, what needs to be considered, vocabulary, it's grammar and rules. Things that makes it easier for you as a human being to understand the language. The same is applied here. You can see it as one part of feature engineering, it all sums up to the bigger picture. And finally: how could a model predict the translation of a word which is not represented in the training set? Either you convert the word that couldn't be found to an `<UNK>` token (unknown word) which then represents its group. However it requires having the `<UNK>` token in the trained word embeddings. Or you could use fasttext binary file, which calculates word vectors on the fly for unknown words. [1]:

```

https://github.com/facebookresearch/fast --> Word Count (16)
UserId="43256" --> Word Count (203)
UserId="43966" --> Word Count (33)
UserId="43966" --> Word Count (4)
UserId="43966" --> Word Count (1)
UserId="201" --> Word Count (174)
UserId="4683" --> Word Count (49)
UserId="43256" Comment="fix typo" --> Word Count (203)
UserId="37363" --> Word Count (521)
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UserId="37363" --> Word Count (1)
UserId="201" Comment="added 1274 characters in body" --> Word Count (383)

```

UserId="29575" Comment="Remove extra commentary" --> Word Count (18)
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 UserId="43975" --> Word Count (43)
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 UserId="43977" --> Word Count (8)
 UserId="43977" --> Word Count (1)
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 UserId="43918" Comment="added 358 characters in body" --> Word Count (208)
 UserId="26065" --> Word Count (36)
 UserId="26065" --> Word Count (10)
 UserId="26065" --> Word Count (1)
 UserId="16368" --> Word Count (93)
 UserId="3314" --> Word Count (196)
 UserId="3314" --> Word Count (10)
 UserId="3314" --> Word Count (1)
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 UserId="43656" --> Word Count (7)
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 UserId="38308" --> Word Count (1)
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 UserId="43983" --> Word Count (1)
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 UserId="43656" --> Word Count (5)
 UserId="43656" --> Word Count (1)
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 UserId="28175" Comment="added 1631 characters in body; deleted 1 character in body" --> Word Count (311)
 UserId="28175" Comment="added 1631 characters in body; deleted 1 character in body" --> Word Count (311)
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 UserId="17310" Comment="added 243 characters in body" --> Word Count (90)
 UserId="924" --> Word Count (13)
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 UserId="40515" --> Word Count (41)
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 UserId="40515" --> Word Count (1)
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 UserId="17310" --> Word Count (96)
 UserId="17310" --> Word Count (3)
 UserId="17310" --> Word Count (1)
 UserId="29575" --> Word Count (115)
 UserId="29575" Comment="Minor formatting" --> Word Count (173)
 UserId="43294" --> Word Count (125)
 UserId="43996" --> Word Count (24)
 UserId="29575" Comment="Try to make less Opinion Based." --> Word Count (92)
 UserId="29575" Text="> Why would we want a custom tokenizer?
 

Segmentation is a very large topic, and as thus there is no
 perfect Natural Language Tokenizer. Any toolkit needs to be flexible, and the
 ability to change the tokenizer, both so that someone can experiment, and so
 that it can be replaced if requirements are different, or better ways are found

for specific problems, is useful and important.
How could I measure if it was better that NLTK's tokenizer?
Anytime you are trying to quantify *performance* (ie: better) you will need to first define what is meant by better. Once this is done, then typically you would perform the using the various methods under measurement, and then compare the results against your definition of better. A couple of links which discuss these topics:
- [Performance of Different NLP Toolkits in Formal and Social Text] [2]
- [Optimizing to Arbitrary NLP Metrics using Ensemble Selection] [3]
[1]: https://en.wikipedia.org/wiki/Word_Count (7)

UserId="29575" Comment="Minor grammar" --> Word Count (26)
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 UserId="17310" --> Word Count (6)
 UserId="17310" --> Word Count (1)
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 UserId="44006" --> Word Count (111)
 UserId="27741" Comment="edited body" --> Word Count (69)
 UserId="44006" Comment="added 18 characters in body" --> Word Count (115)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (166)
 UserId="43040" --> Word Count (88)
 UserId="43040" --> Word Count (9)
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 UserId="13680" --> Word Count (1)
 UserId="924" --> Word Count (34)
 UserId="27665" --> Word Count (22)
 UserId="30311" --> Word Count (83)
 UserId="44002" Comment="Add loss function tag" --> Word Count (1)
 UserId="44011" --> Word Count (25)
 UserId="29575" Comment="Minor grammar" --> Word Count (26)
 UserId="44012" --> Word Count (13)
 UserId="29575" Comment="Format code" --> Word Count (17)
 UserId="29575" Comment="Minor formatting" --> Word Count (262)
 UserId="29575" Comment="Minor formatting" --> Word Count (6)
 UserId="29575" --> Word Count (107)
 UserId="29575" Comment="Add more details" --> Word Count (87)
 UserId="29575" Comment="Add more definition" --> Word Count (119)
 UserId="29575" Comment="Add some text" Text="Text Mining is a process of

deriving high-quality information from unstructured (textual) information.
 Possible applications for text-mining are

 - Comments of
 Survey responses
 - Customer messages, emails, complaints
 etc.
 - Investigating competitors by crawling their web sites

 
More about text mining in below links.

 - [Wiki
 Links][1]
 - [Text Mining Concept][2]

 [1]:
<http://en.wikipedia.org/wiki/> --> Word Count (4)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="21" Comment="105" --> Word Count (4)
 UserId="30359" --> Word Count (231)
 UserId="42904" Comment="edited tags" --> Word Count (1)
 UserId="26748" --> Word Count (82)
 UserId="30359" Comment="added 557 characters in body" --> Word Count (288)
 UserId="23204" --> Word Count (134)
 UserId="29575" Comment="Add more definition" --> Word Count (25)
 UserId="24215" --> Word Count (38)
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 UserId="43865" --> Word Count (157)
 UserId="43865" --> Word Count (6)
 UserId="43865" --> Word Count (1)
 UserId="43294" Comment="added 147 characters in body" --> Word Count (139)
 UserId="43294" --> Word Count (305)
 UserId="-1" Comment="I added some explanations regarding where step is
 displayed in Tensorflow" --> Word Count (162)
 UserId="-1" Comment="I added some explanations regarding where step is
 displayed in Tensorflow" --> Word Count (1)
 UserId="29575" Comment="I added some explanations regarding where step is
 displayed in Tensorflow" --> Word Count (160)
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 UserId="43954" --> Word Count (1)
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 UserId="1424" Comment="Fix minor typos" --> Word Count (157)
 UserId="1424" Comment="Fix minor typos" --> Word Count (6)
 UserId="29575" Comment="Minor grammar" --> Word Count (149)
 UserId="43954" --> Word Count (106)
 UserId="44120" UserDisplayName="shimao" --> Word Count (81)
 UserId="44057" UserDisplayName="Pradyumna Rahul" --> Word Count (352)
 UserId="44057" UserDisplayName="Pradyumna Rahul" --> Word Count (9)
 UserId="44057" UserDisplayName="Pradyumna Rahul" --> Word Count (1)
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 UserId="30359" Comment="added 48 characters in body" --> Word Count (858)
 UserId="30359" Comment="added 48 characters in body" --> Word Count (979)
 UserId="30359" Comment="added 48 characters in body" --> Word Count (1044)
 UserId="13515" --> Word Count (39)
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 UserId="43294" --> Word Count (62)

UserId="37502" --> Word Count (180)
 UserId="37502" --> Word Count (9)
 UserId="37502" --> Word Count (1)
 UserId="43294" --> Word Count (51)
 UserId="836" --> Word Count (53)
 UserId="836" Comment="added 132 characters in body" --> Word Count (76)
 UserId="44063" --> Word Count (146)
 UserId="44063" --> Word Count (7)
 UserId="44063" --> Word Count (1)
 UserId="44064" --> Word Count (64)
 UserId="44064" --> Word Count (16)
 UserId="44064" --> Word Count (1)
 UserId="29575" Comment="Minor grammar" --> Word Count (146)
 UserId="28611" Comment="added explanation of alpha parameter" --> Word Count (283)
 UserId="28611" Comment="better explanation of the backup process" --> Word Count (328)
 UserId="28611" Comment="better explanation of the backup process" --> Word Count (311)
 UserId="39845" --> Word Count (245)
 UserId="40102" Text="I am using ubuntu 16.04.
after anacoda installation sypder not open.
Anaconda version: 4.4.6

Anaconda environment

 my_root /home/shiva/.conda/envs/my_root
 py27 /home/shiva/.conda/envs/py27
 py35 /home/shiva/.conda/envs/py35
 base * /home/shiva/anaconda
 myenv /home/shiva/anaconda/envs/myenv

I get the following error

 Traceback (most recent call last):
 File "/usr/lib/python3/dist-packages/spyderlib/spyder.py";, line 2331, in main
 mainwindow = run_spyder(app, options, args)
 File "/usr/lib/python3/dist-packages/spyderlib/spyder.py";, line 2215, in run_spyder
 main.setup()
 File "/usr/lib/python3/dist-packages/spyderlib/spyder.py";, line 752, in setup
 from spyderlib.plugins.inspector import ObjectInspector
 File "/usr/lib/python3/dist-packages/spyderlib/plugins/inspector.py";, line 41, in <module>
 from spyderlib.widgets.ipython import IPythonControlWidget
 File "/usr/lib/python3/dist-packages/spyderlib/widgets/ipython.py";, line 28, in <module>
 pygments_patch.apply()
 File "/usr/lib/python3/dist-packages/spyderlib/pygments_patch.py";, line 22, in apply
 from pygments.lexer import _TokenType, --> Word Count (264)
 UserId="40102" --> Word Count (6)
 UserId="40102" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" Text="I am using ubuntu 16.04.
after anacoda installation sypder not open.
Anaconda


```

version: 4.4.6&#xD;&#xA;&#xD;&#xA;*&#xA;Anaconda environment*&#xD;&#xA;&#xD;&#xA;
my_root /home/shiva/.conda/envs/my_root&#xD;&#xA; py27
/home/shiva/.conda/envs/py27&#xD;&#xA; py35
/home/shiva/.conda/envs/py35&#xD;&#xA; base *
/home/shiva/anaconda&#xD;&#xA; myenv
/home/shiva/anaconda/envs/myenv&#xD;&#xA;&#xD;&#xA;*&#xA;I get the following
error*&#xD;&#xA;&#xD;&#xA; Traceback (most recent call last):&#xD;&#xA;
File &quot;/usr/lib/python3/dist-packages/spyderlib/spyder.py&quot;;, line 2331,
in main&#xD;&#xA; mainwindow = run_spyder(app, options, args)&#xD;&#xA;
File &quot;/usr/lib/python3/dist-packages/spyderlib/spyder.py&quot;;, line 2215,
in run_spyder&#xD;&#xA; main.setup()&#xD;&#xA; File
&quot;/usr/lib/python3/dist-packages/spyderlib/spyder.py&quot;;, line 752, in
setup&#xD;&#xA; from spyderlib.plugins.inspector import
ObjectInspector&#xD;&#xA; File &quot;/usr/lib/python3/dist-
packages/spyderlib/plugins/inspector.py&quot;;, line 41, in
<module>&#xD;&#xA; from spyderlib.widgets.ipynon import
IPythonControlWidget&#xD;&#xA; File &quot;/usr/lib/python3/dist-
packages/spyderlib/widgets/ipynon.py&quot;;, line 28, in
<module>&#xD;&#xA; pygments_patch.apply()&#xD;&#xA; File
&quot;/usr/lib/python3/dist-packages/spyderlib/pygments_patch.py&quot;;, line 22,
in apply&#xD;&#xA; from pygments.lexer import _TokenType, --> Word Count
(260)
UserId="29575" --> Word Count (18)
UserId="28611" Comment="added 62 characters in body" --> Word Count (321)
UserId="28611" Comment="added 62 characters in body" --> Word Count (319)
UserId="37760" --> Word Count (43)
UserId="37760" --> Word Count (18)
UserId="37760" --> Word Count (1)
UserId="13330" --> Word Count (421)
UserId="13330" --> Word Count (10)
UserId="13330" --> Word Count (1)
UserId="43996" --> Word Count (166)
UserId="37760" Comment="added 13 characters in body; edited title" --> Word
Count (43)
UserId="37760" Comment="added 13 characters in body; edited title" --> Word
Count (18)
UserId="30107" --> Word Count (108)
UserId="44088" --> Word Count (94)
UserId="44088" --> Word Count (5)
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UserId="33051" --> Word Count (12)
UserId="33051" --> Word Count (1)
UserId="13727" --> Word Count (111)
UserId="24215" --> Word Count (83)
UserId="29575" Comment="Format quote" --> Word Count (172)
UserId="43865" Comment="added 26 characters in body" --> Word Count (153)
UserId="29575" Comment="Format Link" --> Word Count (420)

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UserId="29575" Comment="Try to cleanup formatting" --> Word Count (92)
 UserId="-1" Comment="103" --> Word Count (2)
 UserId="33051" Comment="remove repeating words" --> Word Count (80)
 UserId="29575" Comment="remove repeating words" --> Word Count (78)
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 UserId="43308" --> Word Count (1)
 UserId="836" --> Word Count (327)
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 UserId="836" Comment="added 156 characters in body" --> Word Count (372)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (139)
 UserId="836" Comment="added 687 characters in body" --> Word Count (511)
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 UserId="27729" --> Word Count (218)
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 UserId="4683" --> Word Count (290)
 UserId="44117" Comment="edited title" --> Word Count (6)
 UserId="42409" --> Word Count (208)
 UserId="42409" --> Word Count (12)
 UserId="42409" --> Word Count (1)
 UserId="4683" --> Word Count (232)
 UserId="4683" Comment="added 131 characters in body" --> Word Count (319)
 UserId="-1" Comment="104" --> Word Count (2)
 UserId="-1" Comment="104" --> Word Count (3)
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 UserId="38395" --> Word Count (31)
 UserId="38395" --> Word Count (5)
 UserId="38395" --> Word Count (1)
 UserId="29575" Comment="Format link" --> Word Count (88)
 UserId="24885" --> Word Count (90)
 UserId="24885" --> Word Count (10)
 UserId="24885" --> Word Count (1)
 UserId="29575" Comment="Continuous Functions" --> Word Count (573)
 UserId="10640" Comment="Modified the title and the body of this post to reflect more the original intent of the OP." --> Word Count (18)

UserId="10640" Comment="Modified the title and the body of this post to reflect more the original intent of the OP." --> Word Count (10)
 UserId="26163" --> Word Count (239)
 UserId="26163" --> Word Count (13)
 UserId="26163" --> Word Count (1)
 UserId="4683" --> Word Count (106)
 UserId="23204" --> Word Count (285)
 UserId="23204" Comment="fixed typo" --> Word Count (285)
 UserId="23204" --> Word Count (132)
 UserId="38395" --> Word Count (112)
 UserId="38395" --> Word Count (5)
 UserId="38395" --> Word Count (1)
 UserId="843" Comment="added 737 characters in body" --> Word Count (250)
 UserId="21586" --> Word Count (37)
 UserId="21586" --> Word Count (9)
 UserId="21586" --> Word Count (1)
 UserId="43309" --> Word Count (191)
 UserId="43309" --> Word Count (17)
 UserId="43309" --> Word Count (1)
 UserId="4683" --> Word Count (76)
 UserId="4683" --> Word Count (99)
 UserId="924" --> Word Count (75)
 UserId="13727" Comment="removed irrelevant visualization and cross validation tags" --> Word Count (1)
 UserId="4683" Comment="added 1199 characters in body" --> Word Count (269)
 UserId="43309" --> Word Count (157)
 UserId="43309" --> Word Count (5)
 UserId="43309" --> Word Count (1)
 UserId="924" --> Word Count (59)
 UserId="43309" Comment="deleted 234 characters in body" --> Word Count (108)
 UserId="44136" --> Word Count (224)
 UserId="44136" --> Word Count (4)
 UserId="44136" --> Word Count (1)
 UserId="43656" --> Word Count (53)
 UserId="43656" --> Word Count (11)
 UserId="43656" --> Word Count (1)
 UserId="43294" --> Word Count (63)
 UserId="4683" --> Word Count (412)
 UserId="836" --> Word Count (201)
 UserId="18434" --> Word Count (258)
 UserId="836" Comment="Tidy code, remove "newbie" disclaimer" --> Word Count (214)
 UserId="836" Comment="via Vote" --> Word Count (2)
 UserId="43680" --> Word Count (199)
 UserId="43680" --> Word Count (6)
 UserId="43680" --> Word Count (1)
 UserId="836" --> Word Count (2)
 UserId="43680" Comment="added 79 characters in body" --> Word Count (209)

UserId="836" Comment="added 111 characters in body" --> Word Count (218)
 UserId="4683" --> Word Count (115)
 UserId="26784" --> Word Count (46)
 UserId="26784" --> Word Count (5)
 UserId="26784" --> Word Count (1)
 UserId="43455" --> Word Count (92)
 UserId="43455" --> Word Count (11)
 UserId="43455" --> Word Count (1)
 UserId="4683" --> Word Count (74)
 UserId="44139" --> Word Count (87)
 UserId="44139" --> Word Count (45)
 UserId="43680" Comment="added 625 characters in body" --> Word Count (265)
 UserId="4683" Comment="added 722 characters in body" --> Word Count (277)
 UserId="38657" Comment="added 606 characters in body" --> Word Count (426)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (42)
 UserId="24885" Comment="typo" --> Word Count (92)
 UserId="43294" --> Word Count (97)
 UserId="29575" Comment="Clarify Question" --> Word Count (45)
 UserId="29575" Comment="Minor formatting" --> Word Count (108)
 UserId="44143" --> Word Count (56)
 UserId="44143" --> Word Count (13)
 UserId="44143" --> Word Count (1)
 UserId="836" Comment="edited body" --> Word Count (52)
 UserId="44143" Comment="added 27 characters in body" --> Word Count (59)
 UserId="29575" Comment="Minor grammar" --> Word Count (60)
 UserId="43294" --> Word Count (77)
 UserId="43801" Comment="Question was too broad so I narrowed it to ODBC queries only." --> Word Count (102)
 UserId="43801" Comment="Question was too broad so I narrowed it to ODBC queries only." --> Word Count (14)
 UserId="41108" --> Word Count (50)
 UserId="41108" --> Word Count (5)
 UserId="41108" --> Word Count (1)
 UserId="43294" Comment="added 1162 characters in body" --> Word Count (275)
 UserId="28175" --> Word Count (817)
 UserId="28175" --> Word Count (97)
 UserId="28175" Comment="added 356 characters in body" --> Word Count (842)
 UserId="27334" --> Word Count (103)
 UserId="44139" --> Word Count (110)
 UserId="44139" --> Word Count (7)
 UserId="44139" --> Word Count (1)
 UserId="41093" --> Word Count (206)
 UserId="41093" Text="Term for Methods of Representing Repeated" --> Word Count (3)
 UserId="41093" --> Word Count (1)
 UserId="44139" --> Word Count (27)
 UserId="44160" --> Word Count (98)
 UserId="28175" Comment="can be helpful for machine learning practitioners " -->

Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="25217" --> Word Count (66)
 UserId="26562" Comment="minor spelling" --> Word Count (50)
 UserId="26562" Comment="minor spelling" --> Word Count (9)
 UserId="-1" Comment="104" --> Word Count (2)
 UserId="-1" Comment="105" --> Word Count (2)
 UserId="-1" Comment="102" --> Word Count (2)
 UserId="26562" --> Word Count (286)
 UserId="26562" Comment="clarity, added information theory tag" --> Word Count (43)
 UserId="26562" Comment="clarity, added information theory tag" --> Word Count (1)
 UserId="44167" --> Word Count (101)
 UserId="44167" --> Word Count (11)
 UserId="44167" --> Word Count (1)
 UserId="44169" --> Word Count (102)
 UserId="44169" --> Word Count (7)
 UserId="44169" --> Word Count (1)
 UserId="38395" --> Word Count (117)
 UserId="38395" --> Word Count (7)
 UserId="38395" --> Word Count (1)
 UserId="39331" --> Word Count (39)
 UserId="39331" --> Word Count (5)
 UserId="39331" --> Word Count (1)
 UserId="4683" Comment="MLE doesn't actually work well for this. Improved solution by applying Bayes rule, added a significant amount of detail, wrapped the majority of code in a convenience class hosted in a public github repo (along with a notebook containing my original response before this edit)" --> Word Count (1961)
 UserId="4683" Comment="MLE doesn't actually work well for this. Improved solution by applying Bayes rule, added a significant amount of detail, wrapped the majority of code in a convenience class hosted in a public github repo (along with a notebook containing my original response before this edit)" --> Word Count (1971)
 UserId="26562" Comment="added blockquote" --> Word Count (120)
 UserId="26562" --> Word Count (31)
 UserId="26562" Comment="clarification" --> Word Count (35)
 UserId="4683" Comment="deleted 188 characters in body" --> Word Count (1936)
 UserId="44145" --> Word Count (85)
 UserId="44145" --> Word Count (6)
 UserId="44145" --> Word Count (1)
 UserId="43680" --> Word Count (247)
 UserId="43680" --> Word Count (18)
 UserId="43680" --> Word Count (1)
 UserId="4683" --> Word Count (170)
 UserId="4683" Comment="added 63 characters in body" --> Word Count (180)
 UserId="11097" --> Word Count (2)

UserId="11097" Comment="102" --> Word Count (1)
 UserId="11097" Comment="104" --> Word Count (2)
 UserId="11097" Comment="102" --> Word Count (2)
 UserId="11097" Comment="101" --> Word Count (2)
 UserId="26394" Comment="corrected formatting issues" --> Word Count (230)
 UserId="44139" --> Word Count (30)
 UserId="44139" Comment="via Vote" --> Word Count (2)
 UserId="836" Comment="deleted 9 characters in body" --> Word Count (535)
 UserId="26394" --> Word Count (69)
 UserId="44139" Comment="added 1755 characters in body" --> Word Count (415)
 UserId="44139" --> Word Count (2)
 UserId="11097" Comment="added 16 characters in body" --> Word Count (341)
 UserId="4683" Comment="deleted 3 characters in body" --> Word Count (179)
 UserId="44187" --> Word Count (73)
 UserId="44187" --> Word Count (8)
 UserId="44187" --> Word Count (1)
 UserId="4683" Comment="added 32 characters in body" --> Word Count (205)
 UserId="44189" --> Word Count (120)
 UserId="44189" --> Word Count (12)
 UserId="44189" --> Word Count (1)
 UserId="43294" --> Word Count (30)
 UserId="28175" --> Word Count (238)
 UserId="44193" --> Word Count (98)
 UserId="44192" --> Word Count (176)
 UserId="44101" --> Word Count (127)
 UserId="44101" --> Word Count (8)
 UserId="44101" --> Word Count (1)
 UserId="27911" --> Word Count (52)
 UserId="27911" --> Word Count (7)
 UserId="27911" --> Word Count (1)
 UserId="30107" Comment="I have made some grammatical corrections. The overall question meaning does not change." --> Word Count (94)
 UserId="30107" Comment="I have made some grammatical corrections. The overall question meaning does not change." --> Word Count (11)
 UserId="29575" Comment="I have made some grammatical corrections. The overall question meaning does not change." --> Word Count (95)
 UserId="28175" --> Word Count (87)
 UserId="29575" Comment="Minor grammar" --> Word Count (79)
 UserId="29575" Comment="Minor grammar" --> Word Count (116)
 UserId="29575" Comment="Format Link" --> Word Count (97)
 UserId="28175" --> Word Count (86)
 UserId="44198" --> Word Count (124)
 UserId="44198" --> Word Count (13)
 UserId="44198" --> Word Count (1)
 UserId="44160" Comment="added 102 characters in body" --> Word Count (108)
 UserId="29575" --> Word Count (151)
 UserId="44198" Comment="added 9 characters in body" --> Word Count (125)
 UserId="31603" --> Word Count (204)

UserId="31603" --> Word Count (5)
 UserId="31603" --> Word Count (1)
 UserId="44198" Comment="added 2 characters in body; edited title" --> Word Count (124)
 UserId="44198" Comment="added 2 characters in body; edited title" --> Word Count (13)
 UserId="44160" Comment="added 1029 characters in body" --> Word Count (273)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (208)
 UserId="44160" Comment="added 151 characters in body" --> Word Count (302)
 UserId="43491" --> Word Count (39)
 UserId="43491" --> Word Count (2)
 UserId="43491" --> Word Count (1)
 UserId="43491" Comment="added 50 characters in body" --> Word Count (41)
 UserId="43865" --> Word Count (118)
 UserId="43865" --> Word Count (6)
 UserId="43865" --> Word Count (1)
 UserId="836" --> Word Count (352)
 UserId="11097" Comment="102" --> Word Count (2)
 UserId="33245" --> Word Count (80)
 UserId="33245" --> Word Count (10)
 UserId="33245" --> Word Count (1)
 UserId="44204" --> Word Count (92)
 UserId="44204" --> Word Count (9)
 UserId="44204" --> Word Count (1)
 UserId="381" Comment="added 22 characters in body" --> Word Count (108)
 UserId="381" --> Word Count (68)
 UserId="44189" Comment="deleted 2 characters in body" --> Word Count (120)
 UserId="28175" --> Word Count (78)
 UserId="44189" --> Word Count (63)
 UserId="44207" --> Word Count (32)
 UserId="44207" --> Word Count (11)
 UserId="44207" --> Word Count (1)
 UserId="27665" --> Word Count (56)
 UserId="28175" Comment="maybe useful for those practitioners" --> Word Count (1)
 UserId="29575" Comment="maybe useful for those practitioners" --> Word Count (105)
 UserId="44211" --> Word Count (236)
 UserId="44211" --> Word Count (12)
 UserId="44211" --> Word Count (1)
 UserId="44215" --> Word Count (47)
 UserId="44214" --> Word Count (171)
 UserId="44214" --> Word Count (6)
 UserId="44214" --> Word Count (1)
 UserId="31009" --> Word Count (67)
 UserId="18434" --> Word Count (76)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (226)
 UserId="43215" Comment="Fixed small misspelling." --> Word Count (111)

UserId="33245" Comment="This repetition" --> Word Count (90)
 UserId="16853" Comment="added 26 characters in body" --> Word Count (236)
 UserId="26562" Comment="added lots of clarification" --> Word Count (462)
 UserId="381" Comment="deleted 19 characters in body" --> Word Count (57)
 UserId="26562" --> Word Count (176)
 UserId="44212" --> Word Count (42)
 UserId="44212" --> Word Count (8)
 UserId="44212" --> Word Count (1)
 UserId="44212" Comment="added 639 characters in body" --> Word Count (167)
 UserId="28175" Comment="some changes" --> Word Count (50)
 UserId="28175" Comment="some changes" --> Word Count (1)
 UserId="26562" Comment="some changes" --> Word Count (50)
 UserId="26562" Comment="some changes" --> Word Count (5)
 UserId="26562" Comment="some changes" --> Word Count (1)
 UserId="43656" --> Word Count (50)
 UserId="43656" --> Word Count (6)
 UserId="43656" --> Word Count (1)
 UserId="43656" Comment="added 58 characters in body" --> Word Count (58)
 UserId="26163" --> Word Count (96)
 UserId="43656" --> Word Count (46)
 UserId="43656" --> Word Count (8)
 UserId="43656" --> Word Count (1)
 UserId="924" Comment="edited tags" --> Word Count (1)
 UserId="27665" --> Word Count (44)
 UserId="24259" --> Word Count (524)
 UserId="24259" --> Word Count (7)
 UserId="24259" --> Word Count (1)
 UserId="44101" --> Word Count (28)
 UserId="44101" --> Word Count (5)
 UserId="44101" --> Word Count (1)
 UserId="44101" --> Word Count (58)
 UserId="44101" --> Word Count (7)
 UserId="44101" --> Word Count (1)
 UserId="44244" --> Word Count (198)
 UserId="44244" --> Word Count (10)
 UserId="44244" --> Word Count (1)
 UserId="28175" --> Word Count (71)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (199)
 UserId="9988" --> Word Count (24)
 UserId="9988" --> Word Count (8)
 UserId="9988" --> Word Count (1)
 UserId="28175" Comment="added 204 characters in body" --> Word Count (108)
 UserId="28175" Comment="I added an appropriate tag" --> Word Count (1)
 UserId="29575" Comment="I added an appropriate tag" --> Word Count (43)
 UserId="44248" --> Word Count (113)
 UserId="44248" --> Word Count (13)
 UserId="44248" --> Word Count (1)
 UserId="43914" --> Word Count (77)

UserId="4683" --> Word Count (19)
 UserId="44250" Comment="Clarified the question " --> Word Count (142)
 UserId="26562" Comment="Clarified the question " --> Word Count (142)
 UserId="44256" --> Word Count (175)
 UserId="44256" --> Word Count (10)
 UserId="44256" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (61)
 UserId="27814" --> Word Count (68)
 UserId="27814" --> Word Count (4)
 UserId="27814" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (64)
 UserId="11097" Comment="105" --> Word Count (2)
 UserId="4683" --> Word Count (17)
 UserId="4683" Comment="added 743 characters in body" --> Word Count (129)
 UserId="44263" --> Word Count (106)
 UserId="44263" --> Word Count (4)
 UserId="44263" --> Word Count (1)
 UserId="4683" --> Word Count (148)
 UserId="43870" --> Word Count (138)
 UserId="43870" --> Word Count (10)
 UserId="43870" --> Word Count (1)
 UserId="43870" --> Word Count (162)
 UserId="43870" --> Word Count (3)
 UserId="43870" --> Word Count (1)
 UserId="18375" --> Word Count (64)
 UserId="44274" --> Word Count (137)
 UserId="44274" --> Word Count (11)
 UserId="44274" --> Word Count (1)
 UserId="18434" --> Word Count (70)
 UserId="43870" Comment="via Vote" --> Word Count (1)
 UserId="43870" Comment="via Vote" --> Word Count (1)
 UserId="43870" --> Word Count (1)
 UserId="43870" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (100)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (137)
 UserId="43870" --> Word Count (25)
 UserId="43870" --> Word Count (6)
 UserId="43870" --> Word Count (1)
 UserId="10640" Comment="The body of the post was not consistent with the title.
 I modified the body and the title to make this post more consistent." --> Word
 Count (91)
 UserId="10640" Comment="The body of the post was not consistent with the title.
 I modified the body and the title to make this post more consistent." --> Word
 Count (10)
 UserId="43141" --> Word Count (65)
 UserId="43141" --> Word Count (8)
 UserId="43141" --> Word Count (1)
 UserId="28175" --> Word Count (193)

UserId="29575" Comment="deleted 61 characters in body; edited tags" --> Word Count (55)
 UserId="29575" Comment="deleted 61 characters in body; edited tags" --> Word Count (1)
 UserId="28175" Comment="added 197 characters in body" --> Word Count (211)
 UserId="37461" --> Word Count (139)
 UserId="37461" --> Word Count (21)
 UserId="37461" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (139)
 UserId="836" --> Word Count (216)
 UserId="836" Comment="added 253 characters in body" --> Word Count (270)
 UserId="4683" Comment="added 20 characters in body" --> Word Count (140)
 UserId="44290" --> Word Count (40)
 UserId="44290" --> Word Count (5)
 UserId="44290" --> Word Count (1)
 UserId="4683" --> Word Count (41)
 UserId="29575" Comment="Add link and tag" --> Word Count (43)
 UserId="29575" Comment="Add link and tag" --> Word Count (1)
 UserId="4683" --> Word Count (23)
 UserId="26562" Comment="formatting" --> Word Count (128)
 UserId="43865" --> Word Count (38)
 UserId="43865" --> Word Count (5)
 UserId="43865" --> Word Count (1)
 UserId="43967" --> Word Count (100)
 UserId="43967" --> Word Count (9)
 UserId="43967" --> Word Count (1)
 UserId="29575" Comment="Minor grammar" --> Word Count (114)
 UserId="43870" Comment="explained what VDM is" --> Word Count (147)
 UserId="28175" Comment="I added a corresponding popular tag" --> Word Count (1)
 UserId="44297" --> Word Count (43)
 UserId="44297" --> Word Count (6)
 UserId="44297" --> Word Count (1)
 UserId="43077" --> Word Count (113)
 UserId="43077" Comment="added 101 characters in body" --> Word Count (128)
 UserId="43077" Comment="added 85 characters in body" --> Word Count (134)
 UserId="43077" Comment="added 8 characters in body" --> Word Count (136)
 UserId="32650" Comment="typos" --> Word Count (454)
 UserId="43077" Comment="added 861 characters in body" --> Word Count (254)
 UserId="43077" Comment="deleted 5 characters in body" --> Word Count (254)
 UserId="44299" --> Word Count (2913)
 UserId="44299" --> Word Count (7)
 UserId="44299" --> Word Count (1)
 UserId="44299" Comment="added data" --> Word Count (2920)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (2893)
 UserId="44299" --> Word Count (55)
 UserId="4683" Comment="added 1 character in body" --> Word Count (140)
 UserId="18434" Comment="Refactor the part relative to log-loss cost function" --> Word Count (35)

UserId="43656" --> Word Count (60)
 UserId="43656" --> Word Count (5)
 UserId="43656" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (162)
 UserId="43870" Comment="Improved Formatting" --> Word Count (162)
 UserId="28175" Comment="some changes" --> Word Count (50)
 UserId="28175" Comment="some changes" --> Word Count (1)
 UserId="21560" --> Word Count (371)
 UserId="21560" --> Word Count (10)
 UserId="21560" --> Word Count (1)
 UserId="28175" --> Word Count (175)
 UserId="41741" --> Word Count (38)
 UserId="41741" --> Word Count (20)
 UserId="41741" --> Word Count (1)
 UserId="836" --> Word Count (127)
 UserId="40853" Comment="Improved Formatting" --> Word Count (54)
 UserId="836" Comment="added 219 characters in body" --> Word Count (164)
 UserId="23204" --> Word Count (107)
 UserId="44312" --> Word Count (159)
 UserId="44312" --> Word Count (10)
 UserId="44312" --> Word Count (1)
 UserId="43967" Comment="Rollback to [d93670bd-c579-424f-86c3-30490f6fd362]" -->
 Word Count (100)
 UserId="836" Comment="added 8 characters in body" --> Word Count (165)
 UserId="29575" Comment="Remove extra commentary; Minor formatting" --> Word
 Count (151)
 UserId="43077" Comment="edited body" --> Word Count (254)
 UserId="2932" --> Word Count (225)
 UserId="2932" --> Word Count (7)
 UserId="2932" --> Word Count (1)
 UserId="43397" --> Word Count (71)
 UserId="44319" --> Word Count (33)
 UserId="44319" --> Word Count (3)
 UserId="44319" --> Word Count (1)
 UserId="29575" Comment="Minor grammar" --> Word Count (32)
 UserId="836" Comment="added 471 characters in body" --> Word Count (235)
 UserId="24409" --> Word Count (36)
 UserId="28175" --> Word Count (158)
 UserId="28175" Comment="added 105 characters in body" --> Word Count (174)
 UserId="44328" --> Word Count (1847)
 UserId="44328" --> Word Count (5)
 UserId="44328" --> Word Count (1)
 UserId="28175" Comment="deleted 4 characters in body" --> Word Count (173)
 UserId="44328" Comment="added 12 characters in body" --> Word Count (1848)
 UserId="29575" Comment="Format link" --> Word Count (1851)
 UserId="44331" --> Word Count (24)
 UserId="44331" --> Word Count (6)
 UserId="44331" --> Word Count (1)

UserId="44331" Comment="added 15 characters in body" --> Word Count (27)
 UserId="43760" --> Word Count (121)
 UserId="29575" Comment="Minor grammar" --> Word Count (121)
 UserId="35399" --> Word Count (118)
 UserId="35399" --> Word Count (7)
 UserId="35399" --> Word Count (1)
 UserId="26163" --> Word Count (46)
 UserId="26163" Comment="added 92 characters in body" --> Word Count (63)
 UserId="44339" --> Word Count (189)
 UserId="44339" --> Word Count (6)
 UserId="44339" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (167)
 UserId="44343" --> Word Count (61)
 UserId="44343" --> Word Count (9)
 UserId="44343" --> Word Count (1)
 UserId="43680" --> Word Count (548)
 UserId="43680" --> Word Count (17)
 UserId="43680" --> Word Count (1)
 UserId="43680" Comment="added 11 characters in body" --> Word Count (549)
 UserId="4683" --> Word Count (471)
 UserId="44350" --> Word Count (29)
 UserId="44350" --> Word Count (8)
 UserId="44350" --> Word Count (1)
 UserId="44349" Comment="indented code (converted to code block) and modified the title" --> Word Count (561)
 UserId="44349" Comment="indented code (converted to code block) and modified the title" --> Word Count (13)
 UserId="29575" Comment="indented code (converted to code block) and modified the title" --> Word Count (560)
 UserId="-1" Comment="104" --> Word Count (2)
 UserId="4683" --> Word Count (478)
 UserId="4683" Comment="fixed non-native speaker english, annotated data sample with column names" --> Word Count (520)
 UserId="4683" Comment="added 162 characters in body" --> Word Count (504)
 UserId="4683" --> Word Count (11)
 UserId="11097" Comment="105" --> Word Count (2)
 UserId="40853" Comment="Improved Formatting" --> Word Count (64)
 UserId="4683" Comment="fixed title" --> Word Count (14)
 UserId="43650" --> Word Count (223)
 UserId="43650" --> Word Count (8)
 UserId="43650" --> Word Count (1)
 UserId="16024" --> Word Count (125)
 UserId="43680" Comment="edited title" --> Word Count (3)
 UserId="4683" --> Word Count (90)
 UserId="32697" Text="The advantage of using pre-trained vectors is being able to inject knowledge from a larger corpus than you might have access to:
 [word2vec][1] has a vocabulary of 3 million words and phrases trained on the google news dataset comprising ~100 billion tokens, and there's no cost to you

in training time. 

In addition, they are fast and easy to use, just load the embeddings and look them up. It's straightforward to substitute different sets of pre-trained vectors ([fast --> Word Count (152)

UserId="43680" Comment="added 96 characters in body; edited tags" --> Word Count (536)

UserId="43680" Comment="added 96 characters in body; edited tags" --> Word Count (1)

UserId="38917" --> Word Count (93)

UserId="38917" --> Word Count (9)

UserId="38917" --> Word Count (1)

UserId="44357" --> Word Count (194)

UserId="44357" Comment="added 94 characters in body" --> Word Count (209)

UserId="16401" Text="Your research has yielded results like LDA, NMF, etc. But since you want to keep your concentration to short texts and generate short labels, I would recommend you to check this algorithm called: **Bi Term Topic Model for Short** --> Word Count (32)

UserId="16401" --> Word Count (176)

UserId="28175" Comment="some changes" --> Word Count (435)

UserId="44366" --> Word Count (459)

UserId="44366" --> Word Count (1)

UserId="44366" --> Word Count (1)

UserId="38368" --> Word Count (66)

UserId="38368" --> Word Count (11)

UserId="38368" --> Word Count (1)

UserId="11097" Comment="edited title" --> Word Count (10)

UserId="11080" --> Word Count (39)

UserId="29575" Comment="Format quotes" --> Word Count (442)

UserId="29575" Comment="Remove extra commentary" --> Word Count (56)

UserId="43870" --> Word Count (189)

UserId="43870" --> Word Count (8)

UserId="43870" --> Word Count (1)

UserId="29575" Comment="Format code" --> Word Count (489)

UserId="43870" Comment="edited title" --> Word Count (8)

UserId="10522" --> Word Count (22)

UserId="10522" --> Word Count (13)

UserId="10522" --> Word Count (1)

UserId="43294" --> Word Count (31)

UserId="4683" Comment="Someone populated my answer with a large block of text that quoted the wrong nltk documentation." --> Word Count (364)

UserId="44375" --> Word Count (141)

UserId="44375" --> Word Count (8)

UserId="44375" --> Word Count (1)

UserId="44101" --> Word Count (74)

UserId="44101" --> Word Count (6)

UserId="44101" --> Word Count (1)

UserId="4683" --> Word Count (128)

UserId="43141" --> Word Count (629)

UserId="43141" --> Word Count (8)

UserId="43141" --> Word Count (1)
 UserId="18626" --> Word Count (346)
 UserId="44357" --> Word Count (247)
 UserId="10522" --> Word Count (55)
 UserId="10522" --> Word Count (13)
 UserId="10522" --> Word Count (1)
 UserId="44371" --> Word Count (128)
 UserId="44371" --> Word Count (16)
 UserId="44371" --> Word Count (1)
 UserId="44385" --> Word Count (83)
 UserId="29575" Comment="Format list" --> Word Count (128)
 UserId="29575" Comment="Minor grammar" --> Word Count (82)
 UserId="44371" --> Word Count (118)
 UserId="44371" --> Word Count (5)
 UserId="44371" --> Word Count (1)
 UserId="44340" --> Word Count (544)
 UserId="44340" --> Word Count (9)
 UserId="44340" --> Word Count (1)
 UserId="43846" --> Word Count (432)
 UserId="43846" --> Word Count (9)
 UserId="43846" --> Word Count (1)
 UserId="26562" Comment="Added clarification that this is in the R language &
 improved formatting" --> Word Count (156)
 UserId="26562" Comment="Added clarification that this is in the R language &
 improved formatting" --> Word Count (1)
 UserId="44397" --> Word Count (107)
 UserId="29575" Comment="Minor grammar" --> Word Count (106)
 UserId="40853" --> Word Count (101)
 UserId="40853" Comment="Improved Formatting" --> Word Count (101)
 UserId="43077" Comment="deleted 4 characters in body" --> Word Count (253)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="28175" --> Word Count (44)
 UserId="40853" --> Word Count (87)
 UserId="28175" Comment="added 4 characters in body" --> Word Count (44)
 UserId="28175" Comment="added 2 characters in body; edited tags" --> Word Count
 (74)
 UserId="28175" Comment="added 2 characters in body; edited tags" --> Word Count
 (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (74)
 UserId="40853" Comment="appended 2 more book names" --> Word Count (124)
 UserId="44408" --> Word Count (73)
 UserId="8820" --> Word Count (63)
 UserId="8820" --> Word Count (9)
 UserId="8820" --> Word Count (1)
 UserId="8820" --> Word Count (40)
 UserId="8820" Comment="added 63 characters in body" --> Word Count (52)
 UserId="42953" --> Word Count (179)
 UserId="42953" --> Word Count (10)

UserId="42953" --> Word Count (1)
UserId="28175" Comment="added 337 characters in body" --> Word Count (95)
UserId="28175" Comment="added 3 characters in body" --> Word Count (95)
UserId="43590" --> Word Count (39)
UserId="43590" --> Word Count (101)
UserId="836" --> Word Count (321)
UserId="28175" Comment="edited tags" --> Word Count (1)
UserId="28175" Comment="edited tags" --> Word Count (1)
UserId="28175" Comment="added 90 characters in body" --> Word Count (115)
UserId="16807" --> Word Count (84)
UserId="16807" --> Word Count (8)
UserId="16807" --> Word Count (1)
UserId="836" Comment="added 165 characters in body" --> Word Count (348)
UserId="28175" --> Word Count (314)
UserId="44424" --> Word Count (149)
UserId="44424" --> Word Count (12)
UserId="44424" --> Word Count (1)
UserId="43455" --> Word Count (82)
UserId="43455" --> Word Count (11)
UserId="43455" --> Word Count (1)
UserId="28175" Comment="added 565 characters in body" --> Word Count (382)
UserId="28175" Comment="maybe useful for those practitioners" --> Word Count (1)
UserId="43455" Comment="deleted 43 characters in body" --> Word Count (82)
UserId="40426" --> Word Count (214)
UserId="40426" Text=" --> Word Count (5)
UserId="40426" --> Word Count (1)
UserId="43590" --> Word Count (67)
UserId="40426" Comment="edited tags" --> Word Count (1)
UserId="28175" Comment="edited tags" --> Word Count (1)
UserId="43294" --> Word Count (158)
UserId="44424" Comment="added 11 characters in body" --> Word Count (117)
UserId="29575" Comment="Minor formatting" --> Word Count (82)
UserId="29575" Comment="Minor formatting" --> Word Count (64)
UserId="29575" Comment="Minor grammar / formatting" --> Word Count (97)
UserId="43294" Comment="added 645 characters in body" --> Word Count (271)
UserId="15828" --> Word Count (36)
UserId="15828" Comment="added 93 characters in body" --> Word Count (52)
UserId="23204" --> Word Count (197)
UserId="44429" --> Word Count (288)
UserId="44429" --> Word Count (13)
UserId="44429" --> Word Count (1)
UserId="29575" Comment="Minor formatting" --> Word Count (285)
UserId="29575" Comment="Minor formatting" --> Word Count (13)
UserId="15828" --> Word Count (190)
UserId="44050" --> Word Count (53)
UserId="28175" Comment="I added an appropriate tag" --> Word Count (1)
UserId="15828" Comment="added 1183 characters in body" --> Word Count (368)

UserId="40853" Comment="Improved Formatting" --> Word Count (73)
 UserId="15828" Comment="replaced screenshots of code with actual code" --> Word Count (82)
 UserId="28175" Comment="I added an appropriate tag" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="29575" Comment="Minor grammar" --> Word Count (54)
 UserId="16853" --> Word Count (82)
 UserId="15828" Comment="added 296 characters in body" --> Word Count (97)
 UserId="15828" Comment="added 1 character in body" --> Word Count (97)
 UserId="2489" --> Word Count (413)
 UserId="2489" --> Word Count (8)
 UserId="2489" --> Word Count (1)
 UserId="15828" --> Word Count (43)
 UserId="18869" --> Word Count (13)
 UserId="40426" Comment="edited tags" --> Word Count (1)
 UserId="15828" Comment="more descriptive title" --> Word Count (16)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="44436" --> Word Count (198)
 UserId="44436" --> Word Count (6)
 UserId="44436" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="added 2 characters in body" --> Word Count (13)
 UserId="43889" Comment="added 150 characters in body" --> Word Count (110)
 UserId="30472" --> Word Count (327)
 UserId="30472" --> Word Count (113)
 UserId="28175" --> Word Count (210)
 UserId="8820" --> Word Count (137)
 UserId="8820" Comment="added 148 characters in body" --> Word Count (163)
 UserId="15828" Comment="added 4 characters in body" --> Word Count (368)
 UserId="44396" --> Word Count (414)
 UserId="44396" --> Word Count (15)
 UserId="44396" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="30472" Comment="Some grammar and wording" --> Word Count (210)
 UserId="41297" --> Word Count (44)
 UserId="41297" --> Word Count (8)
 UserId="41297" --> Word Count (1)
 UserId="30472" Comment="Added python and pandas tags" --> Word Count (1)
 UserId="44424" Comment="edited body" --> Word Count (97)
 UserId="43865" --> Word Count (155)
 UserId="43865" --> Word Count (9)
 UserId="43865" --> Word Count (1)
 UserId="24119" --> Word Count (146)
 UserId="24119" --> Word Count (6)
 UserId="24119" --> Word Count (1)
 UserId="44424" --> Word Count (24)
 UserId="44424" Comment="added 1 character in body; edited title" --> Word Count (97)


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UserId="44424" Comment="added 1 character in body; edited title" --> Word Count
(12)
UserId="40235" --> Word Count (105)
UserId="40235" --> Word Count (10)
UserId="40235" --> Word Count (1)
UserId="44446" --> Word Count (137)
UserId="44446" --> Word Count (11)
UserId="44446" --> Word Count (1)
UserId="43865" Comment="added 138 characters in body" --> Word Count (174)
UserId="29575" Comment="Remove extra commentary" --> Word Count (19)
UserId="40853" Comment="Improved Formatting" --> Word Count (410)
UserId="13457" --> Word Count (51)
UserId="13457" --> Word Count (7)
UserId="13457" --> Word Count (1)
UserId="44393" --> Word Count (185)
UserId="40853" Comment="Improved Formatting" --> Word Count (191)
UserId="33738" --> Word Count (183)
UserId="924" --> Word Count (122)
UserId="44453" --> Word Count (79)
UserId="44453" --> Word Count (12)
UserId="44453" --> Word Count (1)
UserId="29575" Comment="Remove extra commentary" --> Word Count (77)
UserId="32762" --> Word Count (70)
UserId="11097" --> Word Count (2)
UserId="40853" Comment="Improved Formatting" --> Word Count (200)
UserId="43870" --> Word Count (41)
UserId="13457" Comment="removed audio, images" --> Word Count (36)
UserId="40426" Text="Thank you all I will definitely test the FuzzyWuzzy Lib.
Meanwhile please take a look on the code I have made yesterday ( it can be
enhanced , Go ahead if you can make it better : -&#xD;&#xA;&#xD;&#xA; #define
function to read the CSV files&#xD;&#xA; def GetDocument(link):&#xD;&#xA;
dataframe = pd.read_csv(link, encoding = &quot;ISO-8859-1&quot;;, sep =
';')&#xD;&#xA; return dataframe&#xD;&#xA; #define function convert
text/CSV data to lists &#xD;&#xA; def ColumnToList(column):&#xD;&#xA;
return column.tolist()&#xD;&#xA; #read document csv &#xD;&#xA; document1 =
GetDocument('C:/Users/smegrhi/Desktop/DOC1.csv')&#xD;&#xA; document2 =
GetDocument('C:/Users/smegrhi/Desktop/DOC2.csv')&#xD;&#xA; #get columns into
lists&#xD;&#xA; list1 = ColumnToList(document1['DIA_LBL'])&#xD;&#xA; list2
= ColumnToList(document2['ICD10_LBL_FR'])&#xD;&#xA;&#xD;&#xA; #Data pre-
processing&#xD;&#xA;&#xD;&#xA; def ProcessText(sentence):&#xD;&#xA;&#xD;&#xA;
#Convert to lower case&#xD;&#xA; sentence = sentence.lower()&#xD;&#xA;
#Convert www.* or https?:/* to URL&#xD;&#xA; sentence =
re.sub('((www\.[^\s+])|(https?:/[^\s+]))',' ',sentence)&#xD;&#xA; #Convert
&#xD;&#xA; sentence = re.sub('@[^\s+'],' ',sentence)&#xD;&#xA; #Remove
additional white spaces&#xD;&#xA; sentence = re.sub('[\s]+' , ' ',
sentence)&#xD;&#xA; #Replace &#xD;&#xA; sentence =
re.sub(r'#([^\s+)]', r'\1', sentence)&#xD;&#xA; return
sentence&#xD;&#xA;&#xD;&#xA;&#xD;&#xA; #execute&#xD;&#xA; for i,text in

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enumerate(list1):&#xD;&#xA;          res = Process --> Word Count (293)
UserId="44456"  --> Word Count (156)
UserId="44456"  --> Word Count (16)
UserId="44456"  --> Word Count (1)
UserId="11097"  Comment="edited title"  --> Word Count (12)
UserId="44139"  --> Word Count (126)
UserId="11097"  --> Word Count (98)
UserId="44461"  --> Word Count (130)
UserId="44461"  --> Word Count (10)
UserId="44461"  --> Word Count (1)
UserId="30107"  --> Word Count (110)
UserId="44464"  --> Word Count (30)
UserId="44464"  --> Word Count (14)
UserId="44464"  --> Word Count (1)
UserId="27403"  --> Word Count (40)
UserId="27403"  --> Word Count (6)
UserId="27403"  --> Word Count (1)
UserId="40853"  Comment="Improved Formatting"  --> Word Count (296)
UserId="15828"  --> Word Count (60)
UserId="40853"  Comment="Improved Formatting"  --> Word Count (136)
UserId="27916"  --> Word Count (48)
UserId="27916"  --> Word Count (8)
UserId="27916"  --> Word Count (1)
UserId="66"     --> Word Count (131)
UserId="66"     --> Word Count (11)
UserId="66"     --> Word Count (1)
UserId="38492"  Text="Suppose I have a piece of writing and I want to assign
probabilities to different genres (classes) based on its contents. For
example&#xD;&#xA;&gt; &#xD;&#xA;Text #1 : Comedy 10%, Drama 50%, Fiction 20%,
Romance 1%, Mythology 5%, Adventure 10%&#xD;&#xA;&gt;&#xD;&#xA; --> Word Count
(84)
UserId="38492"  Text="How to estimate probabilities of different classes for a
--> Word Count (1)
UserId="38492"  --> Word Count (1)
UserId="43865"  Comment="added 4 characters in body"  --> Word Count (174)
UserId="18434"  --> Word Count (161)
UserId="17663"  --> Word Count (243)
UserId="17663"  --> Word Count (8)
UserId="17663"  --> Word Count (1)
UserId="44481"  --> Word Count (118)
UserId="44483"  --> Word Count (135)
UserId="44483"  --> Word Count (5)
UserId="44483"  --> Word Count (1)
UserId="28175"  --> Word Count (123)
UserId="28175"  Comment="edited tags"  --> Word Count (1)
UserId="15828"  Text="If I understand correctly, you are interested in soft
[multilabel classification](https://en.wikipedia.org/wiki/Multi-
label_classification), where a single text can have multiple correct

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genres.

According to your comment, you don't have any training data, just a list of keywords associated with each genre.

You can try computing the similarity between each document and each keyword list:

 1. [Normalize](https://en.wikipedia.org/wiki/Text_normalization) the document (convert to lowercase, remove punctuation, diacritics, non-alphanums, etc)
 2. Remove [stopwords](https://en.wikipedia.org/wiki/Stop_words)
 3. Convert the document to [tf-idf](https://en.wikipedia.org/wiki/Tf%E2%80%93idf) vector over your genre keyword vocabulary: Each document gets an n-length vector where each entry is the frequency of the ith genre keyword in the document. Normalize this vector to magnitude 1.
 4. Convert each genre keyword list to a tf-idf vector in the same way (again over the keyword vocabulary for all genres).
 5. Compute the [cosine similarity](https://en.wikipedia.org/wiki/Cosine_similarity) between the document vector and each genre vector.

For each document, this will give us a number in the range [0,1] for each genre. For example:
 
 Comedy Drama Fiction Romance Mythology Adventure
 --> Word Count (149)

UserId="28175" Comment="added 53 characters in body" --> Word Count (132)

UserId="40853" Comment="Improved Formatting" --> Word Count (151)

UserId="44488" --> Word Count (137)

UserId="44488" --> Word Count (12)

UserId="44488" --> Word Count (1)

UserId="15828" --> Word Count (38)

UserId="42831" --> Word Count (117)

UserId="42831" --> Word Count (12)

UserId="42831" --> Word Count (1)

UserId="15828" Comment="added 91 characters in body" Text="If I understand correctly, we are interested in soft [multilabel classification](https://en.wikipedia.org/wiki/Multi-label_classification), where a single text can have multiple correct genres.

According to your comment, we don't have any training data, just a list of keywords associated with each genre.

We can try computing the similarity between each document and each keyword list:

 1. [Normalize](https://en.wikipedia.org/wiki/Text_normalization) the document (convert to lowercase, remove punctuation, diacritics, non-alphanums, etc)
 2. Remove [stopwords](https://en.wikipedia.org/wiki/Stop_words)
 3. Convert the document to [tf-idf](https://en.wikipedia.org/wiki/Tf%E2%80%93idf) vector over our genre keyword vocabulary: Each document gets an n-length vector where each entry is the frequency of the ith genre keyword in the document. Normalize this vector to magnitude 1.
 4. Convert each genre keyword list to a tf-idf vector in the same way (again over the keyword vocabulary for all genres).
 5. Compute the [cosine similarity](https://en.wikipedia.org/wiki/Cosine_similarity) between the document vector and each genre vector.

For each document, this will give us a number in the range [0,1] for each genre. For

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example:&#xD;&#xA; &#xD;&#xA;          Comedy Drama Fiction Romance Mythology
Adventure&#xD;&#xA;      --> Word Count (153)
UserId="44496"  --> Word Count (86)
UserId="44496"  --> Word Count (13)
UserId="44496"  --> Word Count (1)
UserId="40235"  --> Word Count (24)
UserId="30335"  --> Word Count (300)
UserId="30335"  --> Word Count (12)
UserId="30335"  --> Word Count (1)
UserId="44502"  --> Word Count (99)
UserId="44502"  --> Word Count (6)
UserId="44502"  --> Word Count (1)
UserId="30335"  Comment="added 160 characters in body" --> Word Count (317)
UserId="16812"  Comment="More suggestions" --> Word Count (108)
UserId="16812"  Comment="deleted 9 characters in body" --> Word Count (99)
UserId="43432"  --> Word Count (22)
UserId="43432"  --> Word Count (8)
UserId="43432"  --> Word Count (1)
UserId="44393"  --> Word Count (72)
UserId="44207"  Comment="edited title" --> Word Count (10)
UserId="44511"  --> Word Count (168)
UserId="44511"  --> Word Count (5)
UserId="44511"  --> Word Count (1)
UserId="32420"  --> Word Count (203)
UserId="32420"  --> Word Count (7)
UserId="32420"  --> Word Count (1)
UserId="29575"  Comment="Minor formatting" --> Word Count (199)
UserId="32420"  Comment="added 4 characters in body" --> Word Count (199)
UserId="44514"  --> Word Count (64)
UserId="28175"  Comment="added 1 character in body; edited tags" --> Word Count
(99)
UserId="28175"  Comment="added 1 character in body; edited tags" --> Word Count
(1)
UserId="11097"  Comment="102" --> Word Count (2)
UserId="44517"  --> Word Count (153)
UserId="44517"  --> Word Count (4)
UserId="44517"  --> Word Count (1)
UserId="44517"  Comment="edited title" --> Word Count (7)
UserId="40853"  Comment="Improved Formatting" --> Word Count (154)
UserId="29587"  --> Word Count (581)
UserId="11097"  --> Word Count (195)
UserId="29587"  --> Word Count (207)
UserId="44519"  --> Word Count (401)
UserId="44519"  --> Word Count (14)
UserId="44519"  --> Word Count (1)
UserId="44484"  --> Word Count (116)
UserId="44484"  --> Word Count (12)
UserId="44484"  --> Word Count (1)

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UserId="29587" Comment="deleted 2 characters in body" --> Word Count (581)
 UserId="40853" Comment="Improved Formatting" --> Word Count (128)
 UserId="8878" --> Word Count (339)
 UserId="44530" --> Word Count (666)
 UserId="44530" --> Word Count (10)
 UserId="44530" --> Word Count (1)
 UserId="27916" Comment="added 61 characters in body" --> Word Count (56)
 UserId="44537" --> Word Count (446)
 UserId="44530" Comment="deleted 2278 characters in body; edited title" --> Word Count (232)
 UserId="44530" Comment="deleted 2278 characters in body; edited title" --> Word Count (11)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (186)
 UserId="44530" Comment="deleted 2278 characters in body; edited title" --> Word Count (295)
 UserId="44539" --> Word Count (36)
 UserId="44539" --> Word Count (8)
 UserId="44539" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (224)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (35)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (8)
 UserId="44539" Comment="added 66 characters in body" --> Word Count (42)
 UserId="44539" Comment="added 66 characters in body" --> Word Count (6)
 UserId="44530" Comment="added 27 characters in body" --> Word Count (295)
 UserId="41557" --> Word Count (279)
 UserId="41557" --> Word Count (9)
 UserId="41557" --> Word Count (1)
 UserId="836" --> Word Count (634)
 UserId="836" Comment="added 338 characters in body" --> Word Count (675)
 UserId="836" Comment="added 288 characters in body" --> Word Count (719)
 UserId="42953" --> Word Count (130)
 UserId="42953" --> Word Count (10)
 UserId="42953" --> Word Count (1)
 UserId="44543" --> Word Count (83)
 UserId="44543" --> Word Count (15)
 UserId="44543" --> Word Count (1)
 UserId="42953" Comment="added 1457 characters in body" --> Word Count (354)
 UserId="32199" --> Word Count (202)
 UserId="32199" --> Word Count (9)
 UserId="32199" --> Word Count (1)
 UserId="11097" --> Word Count (69)
 UserId="10216" --> Word Count (93)
 UserId="15412" Comment="edited tags" --> Word Count (1)
 UserId="23305" --> Word Count (98)
 UserId="26329" --> Word Count (52)
 UserId="27003" --> Word Count (38)
 UserId="26329" Comment="added 116 characters in body" --> Word Count (64)
 UserId="27003" Comment="improve formatting" --> Word Count (38)

UserId="33020" --> Word Count (9)
 UserId="33020" --> Word Count (7)
 UserId="33020" --> Word Count (1)
 UserId="39830" --> Word Count (155)
 UserId="39830" --> Word Count (6)
 UserId="39830" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (51)
 UserId="29575" Comment="Minor grammar" --> Word Count (161)
 UserId="18375" --> Word Count (237)
 UserId="924" --> Word Count (93)
 UserId="44556" --> Word Count (86)
 UserId="44556" --> Word Count (5)
 UserId="44556" --> Word Count (1)
 UserId="29575" Comment="Minor grammar" --> Word Count (88)
 UserId="30448" --> Word Count (131)
 UserId="29575" Comment="Minor formatting" --> Word Count (131)
 UserId="4683" --> Word Count (221)
 UserId="4683" Comment="added 303 characters in body" --> Word Count (271)
 UserId="4683" Comment="deleted 212 characters in body" --> Word Count (241)
 UserId="43679" --> Word Count (160)
 UserId="43679" --> Word Count (8)
 UserId="43679" --> Word Count (1)
 UserId="9388" --> Word Count (75)
 UserId="9388" --> Word Count (13)
 UserId="9388" --> Word Count (1)
 UserId="4683" --> Word Count (58)
 UserId="44240" --> Word Count (37)
 UserId="42953" Comment="added 222 characters in body" --> Word Count (383)
 UserId="44573" --> Word Count (80)
 UserId="44573" --> Word Count (11)
 UserId="44573" --> Word Count (1)
 UserId="43455" --> Word Count (133)
 UserId="43455" --> Word Count (12)
 UserId="43455" --> Word Count (1)
 UserId="44371" Comment="Rollback to [9d1a40d9-1404-42a6-b928-f646626d6ddd] -
 Edit approval overridden by post owner or moderator" --> Word Count (16)
 UserId="44139" --> Word Count (288)
 UserId="43679" --> Word Count (82)
 UserId="43679" --> Word Count (8)
 UserId="43679" --> Word Count (1)
 UserId="39854" --> Word Count (64)
 UserId="39854" --> Word Count (9)
 UserId="39854" --> Word Count (1)
 UserId="44581" --> Word Count (212)
 UserId="44581" --> Word Count (5)
 UserId="44581" --> Word Count (1)
 UserId="44424" Comment="added 103 characters in body" --> Word Count (39)
 UserId="15363" --> Word Count (113)

UserId="15363" --> Word Count (4)
 UserId="15363" --> Word Count (1)
 UserId="44530" --> Word Count (241)
 UserId="44530" --> Word Count (14)
 UserId="44530" --> Word Count (1)
 UserId="29575" Comment="Format list" --> Word Count (117)
 UserId="18434" --> Word Count (595)
 UserId="836" --> Word Count (376)
 UserId="43077" Comment="added 95 characters in body" --> Word Count (429)
 UserId="38657" --> Word Count (198)
 UserId="44530" --> Word Count (156)
 UserId="44530" --> Word Count (12)
 UserId="44530" --> Word Count (1)
 UserId="-1" Comment="Fixed typo" --> Word Count (155)
 UserId="29575" Comment="Fixed typo" --> Word Count (149)
 UserId="29575" Comment="Format code" --> Word Count (57)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (115)
 UserId="16368" --> Word Count (58)
 UserId="11097" Comment="edited body; edited title" --> Word Count (116)
 UserId="11097" Comment="edited body; edited title" --> Word Count (12)
 UserId="44530" Comment="added 797 characters in body" --> Word Count (296)
 UserId="836" Comment="Generally on Stack Exchange, we don't flag edits, just improve the question. Also "thanks" and "please help" statements are better in comments than in the question body" --> Word Count (254)
 UserId="43455" --> Word Count (99)
 UserId="43455" --> Word Count (5)
 UserId="43455" --> Word Count (1)
 UserId="44101" --> Word Count (77)
 UserId="44101" --> Word Count (4)
 UserId="44101" --> Word Count (1)
 UserId="836" --> Word Count (675)
 UserId="836" Comment="added 9 characters in body" --> Word Count (676)
 UserId="836" Comment="added 99 characters in body" --> Word Count (785)
 UserId="836" Comment="added 99 characters in body" --> Word Count (801)
 UserId="44429" Comment="Wasn't developed by DeepMind but by Google Brain" --> Word Count (286)
 UserId="38892" --> Word Count (126)
 UserId="2968" --> Word Count (70)
 UserId="13696" --> Word Count (106)
 UserId="38892" Comment="improve latex formatting." --> Word Count (78)
 UserId="11097" Comment="improve latex formatting." --> Word Count (77)
 UserId="44607" --> Word Count (268)
 UserId="44607" --> Word Count (6)
 UserId="44607" --> Word Count (1)
 UserId="20492" --> Word Count (286)
 UserId="20492" Comment="via Vote" --> Word Count (1)
 UserId="20492" Comment="added 456 characters in body" --> Word Count (686)

UserId="20492" --> Word Count (1)
 UserId="44610" --> Word Count (2195)
 UserId="44610" --> Word Count (6)
 UserId="44610" --> Word Count (1)
 UserId="44610" Comment="added 61 characters in body" --> Word Count (2201)
 UserId="29575" Comment="Minor grammar" --> Word Count (269)
 UserId="29575" Comment="Minor grammar" --> Word Count (107)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (67)
 UserId="836" Comment="added 820 characters in body" --> Word Count (931)
 UserId="836" Comment="added 10 characters in body" --> Word Count (933)
 UserId="44610" Comment="added 1097 characters in body" --> Word Count (2450)
 UserId="38506" --> Word Count (100)
 UserId="38506" --> Word Count (16)
 UserId="38506" --> Word Count (1)
 UserId="38506" Comment="added 197 characters in body" --> Word Count (136)
 UserId="44114" --> Word Count (107)
 UserId="29575" Comment="Format Link" --> Word Count (109)
 UserId="44130" --> Word Count (1648)
 UserId="44130" --> Word Count (11)
 UserId="44130" --> Word Count (1)
 UserId="43870" --> Word Count (51)
 UserId="43870" --> Word Count (11)
 UserId="43870" --> Word Count (1)
 UserId="29912" --> Word Count (81)
 UserId="29912" --> Word Count (13)
 UserId="29912" --> Word Count (1)
 UserId="29575" Comment="add link" --> Word Count (81)
 UserId="10799" --> Word Count (26)
 UserId="10799" --> Word Count (6)
 UserId="10799" --> Word Count (1)
 UserId="21702" --> Word Count (48)
 UserId="21702" Comment="Added another, more applicable link" --> Word Count (56)
 UserId="32511" --> Word Count (1716)
 UserId="32511" --> Word Count (8)
 UserId="32511" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (83)
 UserId="40853" --> Word Count (74)
 UserId="40853" Comment="added one more line" --> Word Count (96)
 UserId="29587" --> Word Count (43)
 UserId="34" --> Word Count (122)
 UserId="34" --> Word Count (13)
 UserId="34" --> Word Count (1)
 UserId="29587" --> Word Count (474)
 UserId="40853" Comment="Improved Formatting" --> Word Count (70)
 UserId="44354" --> Word Count (38)
 UserId="44354" --> Word Count (12)
 UserId="44354" --> Word Count (1)


```

UserId="29575" Comment="Remove extra commentary" --> Word Count (33)
UserId="41886" --> Word Count (142)
UserId="24162" --> Word Count (429)
UserId="27665" --> Word Count (39)
UserId="24162" Comment="added 94 characters in body" --> Word Count (457)
UserId="44514" --> Word Count (79)
UserId="44637" --> Word Count (251)
UserId="44637" --> Word Count (8)
UserId="44637" --> Word Count (1)
UserId="40853" Comment="Improved Formatting" --> Word Count (255)
UserId="40853" Comment="Improved Formatting" --> Word Count (120)
UserId="42238" --> Word Count (97)
UserId="42238" --> Word Count (10)
UserId="42238" --> Word Count (1)
UserId="44637" Comment="added 40 characters in body" --> Word Count (260)
UserId="24162" Comment="Decipher PDF in the title, " --> Word Count (15)
UserId="24162" Comment="Decipher PDF in the title, " --> Word Count (1)
UserId="29912" Comment="Decipher PDF in the title, " --> Word Count (16)
UserId="44641" Text="I am new on Tensorflow. I am trying to build a neural
network that is able to recognize letters and words from documents
.<br>&#xD;&#xA;&#xD;&#xA;I have divide the task into 3 phases as what is
mention in [ICDAR2017][1]. **Text Localization** , **Cropped Word Recognition**
and **End-to-End Recognition**&#xD;&#xA;&#xD;&#xA;I am having some problems in
the 1st phase which is Text Localization . i used an architecture that is called
[EAST][2] .Architecture consists of two stages: a Fully Convolutional Network
and NMS merging stage &#xD;&#xA;&#xD;&#xA;This is the [model][3] i started with
. it works fine but i am facing some problem in detecting some characters and
letters as in [!<img alt="enter image description here" data-bbox="111 558 440 572" type="image"/>][4]&#xD;&#xA;&#xD;&#xA;model
layers : &#xD;&#xA;&#xD;&#xA; def model(images, weight_decay=1e-5,
is_training=True):&#xD;&#xA;         '&#xD;&#xA;         define the
model, we use slim's implementation of resnet&#xD;&#xA;         '&#xD;&#xA;
images = mean_image_subtraction(images)&#xD;&#xA;         &#xD;&#xA;
with
slim.arg_scope(resnet_v1.resnet_arg_scope(weight_decay=weight_decay)):&#xD;&#xA;
logits, end_points = resnet_v1.resnet_v1_50(images, is_training=is_training,
scope='resnet_v1_50')&#xD;&#xA;         &#xD;&#xA;         with
tf.variable_scope('feature_fusion', values=[end_points.values]):&#xD;&#xA;
batch_norm_params = {&#xD;&#xA;         'decay': 0.997,&#xD;&#xA;
'epsilon': 1e-5,&#xD;&#xA;         'scale': True,&#xD;&#xA;
'is_training': is_training&#xD;&#xA;         }&#xD;&#xA;
with slim.arg_scope([slim.conv2d],&#xD;&#xA;
activation_fn=tf.nn.relu,&#xD;&#xA;
normalizer_fn=slim.batch_norm,&#xD;&#xA;
normalizer_params=batch_norm_params,&#xD;&#xA;
weights_regularizer=slim.l2_regularizer(weight_decay)):&#xD;&#xA;
f = [end_points['pool5'], end_points['pool4'],&#xD;&#xA;
end_points['pool3'], end_points['pool2']]&#xD;&#xA;         for i in
range(4):&#xD;&#xA;         print('Shape of f_{} {}'.format(i,

```

```

f[i].shape))&#xD;&#xA;
h = [None, None, None, None]&#xD;&#xA;
128, 64, 32]&#xD;&#xA;
if i == 0:&#xD;&#xA;
else:&#xD;&#xA;
f[i]], axis=-1), num_outputs[i], 1)&#xD;&#xA;
slim.conv2d(c1_1, num_outputs[i], 3)&#xD;&#xA;
2:&#xD;&#xA;
else:&#xD;&#xA;
num_outputs[i], 3)&#xD;&#xA;
g_{ } { }'.format(i, h[i].shape, i, g[i].shape))&#xD;&#xA;
# here we use a slightly different way for regression part,&#xD;&#xA;
# we first use a sigmoid to limit the regression range, and also&#xD;&#xA;
# this is do with the angle map&#xD;&#xA;
slim.conv2d(g[3], 1, 1, activation_fn=tf.nn.sigmoid,
normalizer_fn=None)&#xD;&#xA;
bbox and 1 channel rotation angle&#xD;&#xA;
slim.conv2d(g[3], 4, 1, activation_fn=tf.nn.sigmoid, normalizer_fn=None) *
FLAGS.text_scale&#xD;&#xA;
1, 1, activation_fn=tf.nn.sigmoid, normalizer_fn=None) - 0.5) * np.pi/2 # angle is
between [-45, 45]&#xD;&#xA;
angle_map], axis=-1)&#xD;&#xA;
F_geometry = tf.concat([geo_map,
angle_map], axis=-1)&#xD;&#xA;
F_score =
# 4 channel of axis aligned
geo_map =
angle_map = (slim.conv2d(g[3], 1,
1, activation_fn=tf.nn.sigmoid, normalizer_fn=None) - 0.5) * np.pi/2 # angle is
between [-45, 45]&#xD;&#xA;
F_geometry = tf.concat([geo_map,
angle_map], axis=-1)&#xD;&#xA;
return F_score,
F_geometry&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;I have been advised to use [Pyramid
Networks][5] , i don't know who to integrate this Pyramid Networks with the EAST
model in Tensorflow and it is worth it or not
.&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;I would like also to know my options to
increase the --> Word Count (26)
UserId="44641" Text="--> Word Count (6)
UserId="44641" --> Word Count (1)
UserId="28175" --> Word Count (474)
UserId="24162" Comment="integration" --> Word Count (694)
UserId="28175" Comment="added 9 characters in body; edited tags; edited title"
--> Word Count (68)
UserId="28175" Comment="added 9 characters in body; edited tags; edited title"
--> Word Count (13)
UserId="28175" Comment="added 9 characters in body; edited tags; edited title"
--> Word Count (1)
UserId="30472" --> Word Count (45)
UserId="28175" Comment="added 1074 characters in body" --> Word Count (365)
UserId="28175" Comment="added 86 characters in body" --> Word Count (136)
UserId="28175" --> Word Count (63)
UserId="28175" Comment="edited tags" --> Word Count (1)
UserId="28175" Comment="added 2474 characters in body" --> Word Count (214)
UserId="28175" Comment="deleted 47 characters in body" --> Word Count (109)
UserId="28175" --> Word Count (247)
UserId="44643" --> Word Count (122)
UserId="28175" Comment="added 71 characters in body" --> Word Count (228)
UserId="24162" Comment="add scipy tag" --> Word Count (1)

```

UserId="28175" Comment="edited title" --> Word Count (12)
 UserId="44643" Comment="deleted 8 characters in body" --> Word Count (121)
 UserId="44645" --> Word Count (69)
 UserId="44645" --> Word Count (7)
 UserId="44645" --> Word Count (1)
 UserId="28175" --> Word Count (40)
 UserId="28175" Comment="added 190 characters in body" --> Word Count (70)
 UserId="44647" --> Word Count (60)
 UserId="28175" Comment="added 5 characters in body" --> Word Count (103)
 UserId="28175" Comment="I guess this question can be helpful for machine-learning practitioners " --> Word Count (1)
 UserId="44652" --> Word Count (180)
 UserId="44652" --> Word Count (21)
 UserId="44652" --> Word Count (1)
 UserId="44649" --> Word Count (162)
 UserId="44649" --> Word Count (8)
 UserId="44649" --> Word Count (1)
 UserId="44649" Comment="added 97 characters in body" --> Word Count (178)
 UserId="40277" --> Word Count (236)
 UserId="40277" --> Word Count (13)
 UserId="40277" --> Word Count (1)
 UserId="29575" Comment="Format list" --> Word Count (128)
 UserId="44658" --> Word Count (58)
 UserId="44658" --> Word Count (8)
 UserId="44658" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (74)
 UserId="44660" --> Word Count (104)
 UserId="44660" --> Word Count (5)
 UserId="44660" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (177)
 UserId="29575" Comment="Minor formatting" --> Word Count (19)
 UserId="29575" Comment="Minor grammar" --> Word Count (176)
 UserId="29575" Comment="Minor grammar" --> Word Count (8)
 UserId="29575" Comment="Minor formatting" --> Word Count (238)
 UserId="29575" Comment="Minor formatting" --> Word Count (11)
 UserId="29575" Comment="Minor grammar" --> Word Count (55)
 UserId="29575" Comment="Minor grammar / formatting" Text="I am new on Tensorflow. I am trying to build a neural network that is able to recognize letters and words from documents.

I have divided the task into 3 phases as what is mentioned in [ICDAR2017] [1]:

1. Text Localization
2. Cropped Word Recognition
3. End-to-End Recognition

I am having some problems in the 1st phase which is Text Localization. I used an architecture that is called [EAST] [2].

Architecture stages: 

1. Fully Convolutional Network
2. NMS merging stage

This is the [model] [3] I started with. It works fine but I am facing some problems in detecting some characters and letters as in:

 [![enter image description here] [4]] [4]

Model layers:



```

def model(images, weight_decay=1e-5, is_training=True):&#xD;&#xA;
' '&#xD;&#xA;          define the model, we use slim's implementation of
resnet&#xD;&#xA;          ' '&#xD;&#xA;          images =
mean_image_subtraction(images)&#xD;&#xA;          &#xD;&#xA;          with
slim.arg_scope(resnet_v1.resnet_arg_scope(weight_decay=weight_decay)):&#xD;&#xA;
logits, end_points = resnet_v1.resnet_v1_50(images, is_training=is_training,
scope='resnet_v1_50')&#xD;&#xA;          &#xD;&#xA;          with
tf.variable_scope('feature_fusion', values=[end_points.values]):&#xD;&#xA;
batch_norm_params = {&#xD;&#xA;          'decay': 0.997,&#xD;&#xA;
'epsilon': 1e-5,&#xD;&#xA;          'scale': True,&#xD;&#xA;
'is_training': is_training&#xD;&#xA;          }&#xD;&#xA;
with slim.arg_scope([slim.conv2d],&#xD;&#xA;
activation_fn=tf.nn.relu,&#xD;&#xA;
normalizer_fn=slim.batch_norm,&#xD;&#xA;
normalizer_params=batch_norm_params,&#xD;&#xA;
weights_regularizer=slim.l2_regularizer(weight_decay)):&#xD;&#xA;
f = [end_points['pool5'], end_points['pool4'],&#xD;&#xA;
end_points['pool3'], end_points['pool2']]&#xD;&#xA;          for i in
range(4):&#xD;&#xA;          print('Shape of f_{ } {}'.format(i,
f[i].shape))&#xD;&#xA;          g = [None, None, None, None]&#xD;&#xA;
h = [None, None, None, None]&#xD;&#xA;          num_outputs = [None,
128, 64, 32]&#xD;&#xA;          for i in range(4):&#xD;&#xA;
if i == 0:&#xD;&#xA;          h[i] = f[i]&#xD;&#xA;
else:&#xD;&#xA;          c1_1 = slim.conv2d(tf.concat([g[i-1],
f[i]], axis=-1), num_outputs[i], 1)&#xD;&#xA;          h[i] =
slim.conv2d(c1_1, num_outputs[i], 3)&#xD;&#xA;          if i &lt;=
2:&#xD;&#xA;          g[i] = unpool(h[i])&#xD;&#xA;
else:&#xD;&#xA;          g[i] = slim.conv2d(h[i],
num_outputs[i], 3)&#xD;&#xA;          print('Shape of h_{ } { },
g_{ } {}'.format(i, h[i].shape, i, g[i].shape))&#xD;&#xA;          &#xD;&#xA;
# here we use a slightly different way for regression part,&#xD;&#xA;
# we first use a sigmoid to limit the regression range, and also&#xD;&#xA;
# this is do with the angle map&#xD;&#xA;          F_score =
slim.conv2d(g[3], 1, 1, activation_fn=tf.nn.sigmoid,
normalizer_fn=None)&#xD;&#xA;          # 4 channel of axis aligned
bbox and 1 channel rotation angle&#xD;&#xA;          geo_map =
slim.conv2d(g[3], 4, 1, activation_fn=tf.nn.sigmoid, normalizer_fn=None) *
FLAGS.text_scale&#xD;&#xA;          angle_map = (slim.conv2d(g[3], 1,
1, activation_fn=tf.nn.sigmoid, normalizer_fn=None) - 0.5) * np.pi/2 # angle is
between [-45, 45]&#xD;&#xA;          F_geometry = tf.concat([geo_map,
angle_map], axis=-1)&#xD;&#xA;          &#xD;&#xA;          return F_score,
F_geometry&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;I have been advised to use [Pyramid Networks][5],
I don't know who to integrate this Pyramid Networks with the EAST model in
Tensorflow and it is worth it or not.&#xD;&#xA;&#xD;&#xA;I would like also to
know my options to increase the --> Word Count (23)
UserId="29575" Comment="Minor grammar / formatting" Text=" --> Word Count (5)
UserId="44654" --> Word Count (103)
UserId="44654" --> Word Count (12)

```

UserId="44654" --> Word Count (1)
 UserId="44664" --> Word Count (97)
 UserId="29575" Comment="Format Link" --> Word Count (108)
 UserId="21702" --> Word Count (156)
 UserId="10522" --> Word Count (82)
 UserId="10522" --> Word Count (13)
 UserId="10522" --> Word Count (1)
 UserId="30359" --> Word Count (23)
 UserId="44637" --> Word Count (189)
 UserId="44637" --> Word Count (5)
 UserId="44637" --> Word Count (1)
 UserId="44678" --> Word Count (85)
 UserId="44678" --> Word Count (9)
 UserId="44678" --> Word Count (1)
 UserId="30359" --> Word Count (364)
 UserId="10522" --> Word Count (51)
 UserId="10522" --> Word Count (7)
 UserId="10522" --> Word Count (1)
 UserId="26562" --> Word Count (395)
 UserId="44680" --> Word Count (126)
 UserId="44680" --> Word Count (7)
 UserId="44680" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (125)
 UserId="26394" --> Word Count (134)
 UserId="44683" --> Word Count (126)
 UserId="44683" --> Word Count (8)
 UserId="44683" --> Word Count (1)
 UserId="3314" --> Word Count (244)
 UserId="3314" Text=" --> Word Count (4)
 UserId="3314" --> Word Count (1)
 UserId="44340" --> Word Count (142)
 UserId="40853" Comment="Improved Formatting" Text="I am working on network analysis project at one of our Nation's Service Academies, and I need a little help.

As a starting point, we are looking at a citation network that we build by using the keyword, "Network Analysis";, for peer reviewed articles only in Web of Science. We took the top 50 results, and looked at the articles to which those cited and built a citation network. It outputs the information in Bibtex, Tab-Delimited, HTML, Plain --> Word Count (54)
 UserId="4683" --> Word Count (22)
 UserId="44688" --> Word Count (48)
 UserId="44688" --> Word Count (8)
 UserId="44688" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (42)
 UserId="43299" Comment="Clean links to avoid tracking and redirection." --> Word Count (95)
 UserId="43299" Comment="Corrected spelling, fixed grammar, removed thanks... General copy-editing." --> Word Count (72)

UserId="24215" --> Word Count (131)
 UserId="44691" --> Word Count (278)
 UserId="44691" --> Word Count (19)
 UserId="44691" --> Word Count (1)
 UserId="37822" --> Word Count (467)
 UserId="37822" Comment="deleted 630 characters in body" --> Word Count (338)
 UserId="42238" --> Word Count (93)
 UserId="42238" --> Word Count (12)
 UserId="42238" --> Word Count (1)
 UserId="4683" --> Word Count (118)
 UserId="37822" --> Word Count (158)
 UserId="37822" --> Word Count (4)
 UserId="37822" --> Word Count (1)
 UserId="44139" --> Word Count (170)
 UserId="44701" --> Word Count (66)
 UserId="44701" --> Word Count (8)
 UserId="44701" --> Word Count (1)
 UserId="44139" Comment="added 2504 characters in body" --> Word Count (2244)
 UserId="4683" --> Word Count (60)
 UserId="42238" --> Word Count (40)
 UserId="27665" --> Word Count (40)
 UserId="38492" Text="Suppose I have a piece of writing and I want to assign probabilities to different genres (classes) based on its contents. For example
> 
Text #1 : Comedy 10%, Horror 50%, Romance 1%
>
 --> Word Count (370)
 UserId="38492" --> Word Count (9)
 UserId="38492" --> Word Count (1)
 UserId="14588" Comment="Q has nothing to do with bayesian networks" --> Word Count (1)
 UserId="44712" --> Word Count (60)
 UserId="44712" --> Word Count (3)
 UserId="44712" --> Word Count (1)
 UserId="44683" Comment="added 68 characters in body" Text="I am working on network analysis project at one of our Nation's Service Academies, and I need a little help.

As a starting point, we are looking at a citation network that we build by using the keyword, "Network Analysis";, for peer reviewed articles only in Web of Science. We took the top 50 results, and looked at the articles to which those cited and built a citation network. It outputs the information in Bibtex, Tab-Delimited, HTML, Plain --> Word Count (58)
 UserId="43294" --> Word Count (74)
 UserId="42238" Comment="KFold link didnt work" --> Word Count (157)
 UserId="29575" Comment="Minor formatting" --> Word Count (56)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (63)
 UserId="30359" Comment="deleted 33 characters in body" --> Word Count (353)
 UserId="43294" Comment="edited body" --> Word Count (75)
 UserId="28175" --> Word Count (151)
 UserId="28175" Comment="edited tags" --> Word Count (1)

UserId="44717" --> Word Count (58)
 UserId="44717" --> Word Count (4)
 UserId="44717" --> Word Count (1)
 UserId="28175" Comment="added 958 characters in body" --> Word Count (306)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="-1" Comment="103" --> Word Count (2)
 UserId="32230" --> Word Count (186)
 UserId="32230" --> Word Count (5)
 UserId="32230" --> Word Count (1)
 UserId="13696" --> Word Count (51)
 UserId="13696" --> Word Count (43)
 UserId="8878" --> Word Count (139)
 UserId="40182" --> Word Count (159)
 UserId="40182" --> Word Count (6)
 UserId="40182" --> Word Count (1)
 UserId="3314" Comment="deleted 11 characters in body" --> Word Count (244)
 UserId="38802" --> Word Count (314)
 UserId="38802" --> Word Count (8)
 UserId="38802" --> Word Count (1)
 UserId="23305" --> Word Count (124)
 UserId="44724" --> Word Count (81)
 UserId="28175" Comment="added 80 characters in body" --> Word Count (219)
 UserId="29575" Comment="Minor grammar" --> Word Count (80)
 UserId="32230" Comment="edited title" --> Word Count (7)
 UserId="24162" --> Word Count (367)
 UserId="43294" --> Word Count (137)
 UserId="44725" --> Word Count (48)
 UserId="44725" --> Word Count (8)
 UserId="44725" --> Word Count (1)
 UserId="10522" --> Word Count (86)
 UserId="10522" --> Word Count (6)
 UserId="10522" --> Word Count (1)
 UserId="43294" Comment="added 436 characters in body" --> Word Count (213)
 UserId="10522" --> Word Count (49)
 UserId="10522" --> Word Count (7)
 UserId="10522" --> Word Count (1)
 UserId="44726" --> Word Count (1559)
 UserId="44726" --> Word Count (12)
 UserId="44726" --> Word Count (1)
 UserId="43294" --> Word Count (56)
 UserId="41886" --> Word Count (105)
 UserId="27665" --> Word Count (40)
 UserId="28175" --> Word Count (146)
 UserId="28175" Comment="added 6 characters in body; edited tags" --> Word Count (49)
 UserId="28175" Comment="added 6 characters in body; edited tags" --> Word Count (1)
 UserId="28175" Comment="edited title" --> Word Count (12)

UserId="16916" --> Word Count (103)
 UserId="3314" --> Word Count (172)
 UserId="3314" --> Word Count (19)
 UserId="3314" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (83)
 UserId="44637" Comment="fix typo" --> Word Count (260)
 UserId="3314" Comment="deleted 76 characters in body" --> Word Count (159)
 UserId="23492" --> Word Count (94)
 UserId="24162" Comment="more informative title" --> Word Count (10)
 UserId="44739" --> Word Count (79)
 UserId="44739" --> Word Count (12)
 UserId="44739" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (79)
 UserId="40853" --> Word Count (398)
 UserId="29575" Comment="Minor grammar" --> Word Count (138)
 UserId="29575" Comment="Format Link" --> Word Count (85)
 UserId="40277" --> Word Count (74)
 UserId="40277" --> Word Count (9)
 UserId="40277" --> Word Count (1)
 UserId="28175" --> Word Count (142)
 UserId="28175" Comment="deleted 1 character in body" --> Word Count (142)
 UserId="28175" Comment="deleted 2 characters in body" --> Word Count (145)
 UserId="28175" --> Word Count (175)
 UserId="28175" Comment="deleted 2 characters in body" --> Word Count (174)
 UserId="4683" --> Word Count (574)
 UserId="4683" Comment="added 54 characters in body" --> Word Count (584)
 UserId="40853" Comment="Improved Formatting" --> Word Count (586)
 UserId="4683" Comment="deleted 19 characters in body" --> Word Count (584)
 UserId="40853" Comment="Rollback to [40f0fb1f-3b9d-4882-b42b-55d0c5d72c0b]" -->
 Word Count (586)
 UserId="40853" Comment="deleted 18 characters in body" --> Word Count (585)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="4683" Comment="Rollback to [206c6bdb-d2cd-4cea-b02b-8b8083bc30ae]" -->
 Word Count (584)
 UserId="4683" Comment="Corrected names of certain referenced technologies. "
 --> Word Count (398)
 UserId="4683" Comment="added 1 character in body" --> Word Count (584)
 UserId="40853" Comment="deleted 1 character in body" --> Word Count (395)
 UserId="4683" --> Word Count (282)
 UserId="38492" --> Word Count (229)
 UserId="38492" --> Word Count (6)
 UserId="38492" --> Word Count (1)
 UserId="14588" --> Word Count (201)
 UserId="14588" Comment="added 12 characters in body" --> Word Count (201)
 UserId="14588" Comment="added 12 characters in body" --> Word Count (216)
 UserId="35644" --> Word Count (135)
 UserId="35644" --> Word Count (3)
 UserId="35644" --> Word Count (1)

UserId="40928" --> Word Count (19)
 UserId="40928" --> Word Count (11)
 UserId="40928" --> Word Count (1)
 UserId="14904" --> Word Count (240)
 UserId="836" --> Word Count (186)
 UserId="8878" --> Word Count (417)
 UserId="32230" Comment="edited title" --> Word Count (8)
 UserId="24215" --> Word Count (147)
 UserId="44755" --> Word Count (30)
 UserId="44755" --> Word Count (4)
 UserId="44755" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (30)
 UserId="38143" --> Word Count (89)
 UserId="38143" --> Word Count (7)
 UserId="38143" --> Word Count (1)
 UserId="29134" --> Word Count (85)
 UserId="8878" Comment="Graphs are mathematical object. This question is about
 "Plots/Visualization"" --> Word Count (1)
 UserId="32426" --> Word Count (253)
 UserId="21254" --> Word Count (55)
 UserId="21254" --> Word Count (8)
 UserId="21254" --> Word Count (1)
 UserId="28175" --> Word Count (168)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="11080" --> Word Count (21)
 UserId="43294" --> Word Count (156)
 UserId="28175" Comment="deleted 31 characters in body" --> Word Count (162)
 UserId="29575" Comment="Minor formatting" --> Word Count (253)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (151)
 UserId="16853" --> Word Count (140)
 UserId="16853" --> Word Count (3)
 UserId="16853" --> Word Count (1)
 UserId="28175" Comment="added 3 characters in body; edited tags" --> Word Count
 (154)
 UserId="28175" Comment="added 3 characters in body; edited tags" --> Word Count
 (1)
 UserId="44610" Comment="added 587 characters in body" --> Word Count (2532)
 UserId="29134" --> Word Count (83)
 UserId="28175" --> Word Count (206)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" --> Word Count (39)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="added 14 characters in body" --> Word Count (292)
 UserId="28175" Comment="added 493 characters in body" --> Word Count (279)
 UserId="44768" --> Word Count (173)
 UserId="44768" --> Word Count (9)
 UserId="44768" --> Word Count (1)
 UserId="29134" --> Word Count (123)

UserId="44771" --> Word Count (46)
 UserId="44771" --> Word Count (5)
 UserId="44771" --> Word Count (1)
 UserId="16853" --> Word Count (147)
 UserId="4683" Comment="added 64 characters in body" --> Word Count (584)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="44114" Comment="added 141 characters in body" --> Word Count (134)
 UserId="29575" Comment="Format list" --> Word Count (122)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (172)
 UserId="4683" --> Word Count (46)
 UserId="4683" Comment="added 325 characters in body" --> Word Count (82)
 UserId="4683" --> Word Count (50)
 UserId="38143" Comment="added 525 characters in body" --> Word Count (158)
 UserId="4683" --> Word Count (308)
 UserId="4683" Comment="edited body" --> Word Count (308)
 UserId="44726" Comment="fixed indentation in LSTM helper return." --> Word Count (1555)
 UserId="44372" --> Word Count (41)
 UserId="4683" Comment="added 1 character in body" --> Word Count (330)
 UserId="37236" --> Word Count (163)
 UserId="37236" --> Word Count (5)
 UserId="37236" --> Word Count (1)
 UserId="24593" --> Word Count (50)
 UserId="35812" --> Word Count (339)
 UserId="35812" --> Word Count (7)
 UserId="35812" --> Word Count (1)
 UserId="2869" --> Word Count (78)
 UserId="13100" --> Word Count (81)
 UserId="13100" --> Word Count (4)
 UserId="13100" --> Word Count (1)
 UserId="11097" Comment="102" --> Word Count (2)
 UserId="2869" Comment="deleted 32 characters in body" --> Word Count (72)
 UserId="26562" Comment="fixed grammar" --> Word Count (85)
 UserId="26562" Comment="fixed grammar" --> Word Count (4)
 UserId="32220" --> Word Count (21)
 UserId="32220" --> Word Count (9)
 UserId="32220" --> Word Count (1)
 UserId="24215" --> Word Count (233)
 UserId="44804" --> Word Count (110)
 UserId="44804" --> Word Count (3)
 UserId="44804" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (109)
 UserId="44804" Comment="Rollback to [96b252be-a049-4db2-a2ae-f097abcb8a32]" --> Word Count (110)
 UserId="8878" Comment="add link" --> Word Count (141)
 UserId="21254" --> Word Count (86)
 UserId="21254" --> Word Count (8)
 UserId="21254" --> Word Count (1)

UserId="21254" --> Word Count (62)
 UserId="21254" --> Word Count (9)
 UserId="21254" --> Word Count (1)
 UserId="11097" --> Word Count (114)
 UserId="11097" Comment="added 5 characters in body" --> Word Count (86)
 UserId="8878" --> Word Count (128)
 UserId="16368" --> Word Count (136)
 UserId="16368" --> Word Count (13)
 UserId="16368" --> Word Count (1)
 UserId="8878" Comment="Adding info" --> Word Count (199)
 UserId="44768" Comment="added 291 characters in body" --> Word Count (215)
 UserId="29912" --> Word Count (102)
 UserId="29912" --> Word Count (9)
 UserId="29912" --> Word Count (1)
 UserId="44808" --> Word Count (481)
 UserId="44808" --> Word Count (4)
 UserId="44808" --> Word Count (1)
 UserId="44785" --> Word Count (58)
 UserId="44785" --> Word Count (10)
 UserId="44785" --> Word Count (1)
 UserId="8878" --> Word Count (204)
 UserId="8878" --> Word Count (306)
 UserId="29912" Comment="Added example plots" --> Word Count (110)
 UserId="44815" --> Word Count (111)
 UserId="44815" --> Word Count (9)
 UserId="44815" --> Word Count (1)
 UserId="44688" Comment="added 2224 characters in body; edited tags" --> Word Count (431)
 UserId="44688" Comment="added 2224 characters in body; edited tags" --> Word Count (1)
 UserId="43374" --> Word Count (10)
 UserId="23240" --> Word Count (102)
 UserId="23240" --> Word Count (6)
 UserId="23240" --> Word Count (1)
 UserId="44637" --> Word Count (139)
 UserId="29575" Comment="Format code" --> Word Count (664)
 UserId="42903" --> Word Count (158)
 UserId="42903" --> Word Count (8)
 UserId="42903" --> Word Count (1)
 UserId="27768" --> Word Count (54)
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 UserId="29134" --> Word Count (162)
 UserId="38379" --> Word Count (1044)
 UserId="38379" Comment="Clean up the first section which was too wordy" --> Word Count (817)
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 UserId="44456" --> Word Count (21)
 UserId="44456" --> Word Count (1)

UserId="41886" --> Word Count (158)
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UserId="4683" --> Word Count (59)
UserId="44135" --> Word Count (144)
UserId="44135" --> Word Count (5)
UserId="44135" --> Word Count (1)
UserId="44838" --> Word Count (18)
UserId="4683" --> Word Count (556)
UserId="4683" Comment="added 375 characters in body" --> Word Count (606)
UserId="29575" Comment="Format link" --> Word Count (21)
UserId="44637" --> Word Count (73)
UserId="4683" --> Word Count (90)
UserId="44844" --> Word Count (242)
UserId="44844" --> Word Count (5)
UserId="44844" --> Word Count (1)
UserId="4683" --> Word Count (74)
UserId="39331" --> Word Count (128)
UserId="39331" --> Word Count (10)
UserId="39331" --> Word Count (1)
UserId="8878" --> Word Count (348)
UserId="38339" --> Word Count (169)
UserId="38339" --> Word Count (12)
UserId="38339" --> Word Count (1)
UserId="29587" --> Word Count (83)
UserId="44328" --> Word Count (674)
UserId="44328" --> Word Count (10)
UserId="44328" --> Word Count (1)
UserId="40277" --> Word Count (64)
UserId="40277" --> Word Count (10)
UserId="40277" --> Word Count (1)
UserId="11097" Comment="edited tags" --> Word Count (1)
UserId="28713" --> Word Count (189)
UserId="4683" Comment="added 8 characters in body" --> Word Count (92)
UserId="44861" --> Word Count (121)
UserId="44861" --> Word Count (4)
UserId="44861" --> Word Count (1)
UserId="44637" --> Word Count (74)
UserId="40853" --> Word Count (233)
UserId="44755" Comment="added 707 characters in body" --> Word Count (148)
UserId="40277" Comment="edited title" --> Word Count (7)
UserId="33728" --> Word Count (74)
UserId="33728" --> Word Count (6)
UserId="33728" --> Word Count (1)
UserId="44637" --> Word Count (126)
UserId="836" --> Word Count (247)
UserId="4683" Comment="deleted 3 characters in body" --> Word Count (606)
UserId="836" Comment="added 166 characters in body" --> Word Count (278)
UserId="44857" --> Word Count (17)

UserId="44857" --> Word Count (12)
 UserId="44857" --> Word Count (1)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="21846" --> Word Count (80)
 UserId="44610" Comment="added 630 characters in body" --> Word Count (2626)
 UserId="31180" --> Word Count (45)
 UserId="31180" --> Word Count (10)
 UserId="31180" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (108)
 UserId="29575" Comment="indent code so shows correctly" --> Word Count (64)
 UserId="11080" --> Word Count (44)
 UserId="11080" --> Word Count (39)
 UserId="31180" Comment="added 24 characters in body" --> Word Count (50)
 UserId="30359" --> Word Count (183)
 UserId="2869" --> Word Count (132)
 UserId="38379" --> Word Count (247)
 UserId="42945" --> Word Count (52)
 UserId="42945" --> Word Count (15)
 UserId="42945" --> Word Count (1)
 UserId="29134" Comment="added 92 characters in body" --> Word Count (126)
 UserId="43294" --> Word Count (298)
 UserId="44271" --> Word Count (89)
 UserId="44271" --> Word Count (10)
 UserId="44271" --> Word Count (1)
 UserId="29134" --> Word Count (88)
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 UserId="35644" --> Word Count (3)
 UserId="35644" --> Word Count (1)
 UserId="35644" Comment="added 15 characters in body" --> Word Count (80)
 UserId="43846" --> Word Count (163)
 UserId="43846" --> Word Count (284)
 UserId="43846" --> Word Count (8)
 UserId="43846" --> Word Count (1)
 UserId="14904" --> Word Count (198)
 UserId="44726" Comment="Bugs fixed!" --> Word Count (1582)
 UserId="41156" --> Word Count (100)
 UserId="41156" --> Word Count (22)
 UserId="41156" --> Word Count (1)
 UserId="39547" --> Word Count (182)
 UserId="39547" --> Word Count (10)
 UserId="39547" --> Word Count (1)
 UserId="44726" Comment="more bug fixes. Last one!" --> Word Count (1562)
 UserId="44884" --> Word Count (75)
 UserId="44884" --> Word Count (14)
 UserId="44884" --> Word Count (1)
 UserId="44898" --> Word Count (146)
 UserId="44898" --> Word Count (26)
 UserId="44898" --> Word Count (1)

UserId="29575" Comment="Remove extra commentary" --> Word Count (107)
 UserId="4683" --> Word Count (18)
 UserId="4683" Comment="added 756 characters in body" --> Word Count (139)
 UserId="44901" --> Word Count (118)
 UserId="44901" --> Word Count (10)
 UserId="44901" --> Word Count (1)
 UserId="43679" --> Word Count (99)
 UserId="43679" --> Word Count (7)
 UserId="43679" --> Word Count (1)
 UserId="44063" --> Word Count (193)
 UserId="44063" --> Word Count (4)
 UserId="44063" --> Word Count (1)
 UserId="44114" --> Word Count (81)
 UserId="8878" --> Word Count (79)
 UserId="40426" --> Word Count (54)
 UserId="40426" --> Word Count (4)
 UserId="40426" --> Word Count (1)
 UserId="8878" Comment="Some typo correction" --> Word Count (99)
 UserId="8878" Comment="Update" --> Word Count (121)
 UserId="40426" Comment="deleted 1 character in body" --> Word Count (54)
 UserId="28175" --> Word Count (518)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (52)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" --> Word Count (149)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (77)
 UserId="9388" --> Word Count (96)
 UserId="28175" --> Word Count (420)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" --> Word Count (221)
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 UserId="28175" --> Word Count (225)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (20)
 UserId="2869" --> Word Count (97)
 UserId="12345" --> Word Count (83)
 UserId="12345" --> Word Count (6)
 UserId="12345" --> Word Count (1)
 UserId="44372" --> Word Count (55)
 UserId="42182" --> Word Count (151)
 UserId="42182" --> Word Count (10)
 UserId="42182" --> Word Count (1)
 UserId="8878" --> Word Count (170)
 UserId="8878" Comment="tags were updated from unsupervised to supervised learning" --> Word Count (1)
 UserId="43679" Comment="added 432 characters in body" --> Word Count (169)
 UserId="38626" --> Word Count (895)

UserId="38626" --> Word Count (10)
 UserId="38626" --> Word Count (1)
 UserId="4683" --> Word Count (59)
 UserId="8878" Comment="added 677 characters in body; added 6 characters in body"
 --> Word Count (217)
 UserId="44477" --> Word Count (20)
 UserId="44477" --> Word Count (2)
 UserId="44477" --> Word Count (1)
 UserId="27250" --> Word Count (180)
 UserId="27250" Comment="correct spellings" --> Word Count (181)
 UserId="44063" Comment="added 136 characters in body" --> Word Count (202)
 UserId="44936" --> Word Count (175)
 UserId="44936" --> Word Count (10)
 UserId="44936" --> Word Count (1)
 UserId="29575" Comment="indent code so shows correctly" --> Word Count (184)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="43679" Comment="added 1 character in body" --> Word Count (169)
 UserId="28175" Comment="added 1 character in body; edited title" --> Word Count
 (53)
 UserId="28175" Comment="added 1 character in body; edited title" --> Word Count
 (9)
 UserId="29134" --> Word Count (184)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="17978" --> Word Count (578)
 UserId="17978" --> Word Count (7)
 UserId="17978" --> Word Count (1)
 UserId="10094" --> Word Count (48)
 UserId="4683" --> Word Count (73)
 UserId="44945" --> Word Count (153)
 UserId="44945" --> Word Count (15)
 UserId="44945" --> Word Count (1)
 UserId="44680" --> Word Count (1003)
 UserId="44680" --> Word Count (12)
 UserId="44680" --> Word Count (1)
 UserId="44680" --> Word Count (52)
 UserId="44680" Comment="edited tags" --> Word Count (1)
 UserId="44949" --> Word Count (17)
 UserId="44949" --> Word Count (6)
 UserId="44949" --> Word Count (1)
 UserId="17978" Comment="deleted 36 characters in body" --> Word Count (577)
 UserId="28175" --> Word Count (143)
 UserId="44950" --> Word Count (1484)
 UserId="44950" --> Word Count (5)
 UserId="44950" --> Word Count (1)
 UserId="28175" --> Word Count (152)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" --> Word Count (37)

UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (1484)
 UserId="28175" Comment="deleted 9 characters in body" --> Word Count (17)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="added 124 characters in body; edited tags" --> Word Count (42)
 UserId="28175" Comment="added 124 characters in body; edited tags" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (1482)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (5)
 UserId="29575" Comment="Add link to paper" --> Word Count (134)
 UserId="44394" --> Word Count (268)
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 UserId="44394" --> Word Count (1)
 UserId="1330" Comment="deleted 14 characters in body" --> Word Count (100)
 UserId="28175" Comment="deleted 1 character in body" --> Word Count (42)
 UserId="29134" --> Word Count (261)
 UserId="4683" --> Word Count (104)
 UserId="43801" --> Word Count (43)
 UserId="43801" --> Word Count (13)
 UserId="43801" --> Word Count (1)
 UserId="17484" --> Word Count (92)
 UserId="17484" --> Word Count (12)
 UserId="17484" --> Word Count (1)
 UserId="28175" --> Word Count (116)
 UserId="4683" --> Word Count (21)
 UserId="28175" Comment="deleted 21 characters in body" --> Word Count (41)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="10522" --> Word Count (98)
 UserId="10522" --> Word Count (9)
 UserId="10522" --> Word Count (1)
 UserId="29575" Comment="Clarify Question" --> Word Count (1003)
 UserId="29575" Comment="Minor formatting" --> Word Count (182)
 UserId="23204" --> Word Count (353)
 UserId="43801" --> Word Count (120)
 UserId="23204" Comment="improved explanation" --> Word Count (360)
 UserId="29587" --> Word Count (206)
 UserId="44978" --> Word Count (13)
 UserId="44978" --> Word Count (12)
 UserId="44978" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (206)
 UserId="32204" --> Word Count (41)
 UserId="32204" --> Word Count (10)
 UserId="32204" --> Word Count (1)
 UserId="29575" Comment="Format Link" --> Word Count (41)
 UserId="27665" --> Word Count (40)
 UserId="27665" Comment="added 331 characters in body" --> Word Count (81)
 UserId="9388" Comment="VCS to git" --> Word Count (96)

UserId="27665" Comment="refine tags" --> Word Count (1)
 UserId="44986" --> Word Count (57)
 UserId="44986" --> Word Count (5)
 UserId="44986" --> Word Count (1)
 UserId="44985" --> Word Count (878)
 UserId="44985" --> Word Count (10)
 UserId="44985" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (56)
 UserId="44985" Comment="added 153 characters in body" --> Word Count (904)
 UserId="44989" --> Word Count (47)
 UserId="29134" --> Word Count (40)
 UserId="38377" --> Word Count (274)
 UserId="38377" --> Word Count (6)
 UserId="38377" --> Word Count (1)
 UserId="4683" --> Word Count (19)
 UserId="44991" --> Word Count (211)
 UserId="44991" --> Word Count (8)
 UserId="44991" --> Word Count (1)
 UserId="28175" --> Word Count (63)
 UserId="28175" Comment="I guess this question can be so much helpful for machine-learning and deep-learning practitioners " --> Word Count (1)
 UserId="44673" --> Word Count (209)
 UserId="44673" --> Word Count (6)
 UserId="44673" --> Word Count (1)
 UserId="21254" --> Word Count (364)
 UserId="21254" --> Word Count (5)
 UserId="21254" --> Word Count (1)
 UserId="44994" --> Word Count (45)
 UserId="44995" --> Word Count (46)
 UserId="44995" --> Word Count (10)
 UserId="44995" --> Word Count (1)
 UserId="44998" --> Word Count (33)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="38390" --> Word Count (28)
 UserId="45000" --> Word Count (148)
 UserId="45000" --> Word Count (14)
 UserId="45000" --> Word Count (1)
 UserId="40853" Comment="found 2 books updated and would update the rest later" --> Word Count (130)
 UserId="45005" --> Word Count (86)
 UserId="45005" --> Word Count (5)
 UserId="45005" --> Word Count (1)
 UserId="29575" --> Word Count (166)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (34)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (10)
 UserId="29575" Comment="Minor formatting" --> Word Count (118)
 UserId="45005" Comment="Removed tag dataset. Has nothing to do with the question that is asked here" --> Word Count (108)

UserId="45005" Comment="Removed tag dataset. Has nothing to do with the question that is asked here" --> Word Count (7)
 UserId="45005" Comment="Removed tag dataset. Has nothing to do with the question that is asked here" --> Word Count (1)
 UserId="8417" --> Word Count (21)
 UserId="8417" --> Word Count (5)
 UserId="8417" --> Word Count (1)
 UserId="42953" Comment="added 1131 characters in body" --> Word Count (527)
 UserId="43294" Comment="added 793 characters in body" --> Word Count (187)
 UserId="29217" --> Word Count (150)
 UserId="38379" Comment="Clean up code and add test" --> Word Count (490)
 UserId="23305" Comment="typo" --> Word Count (150)
 UserId="44814" --> Word Count (558)
 UserId="-1" Comment="103" --> Word Count (3)
 UserId="44994" --> Word Count (69)
 UserId="38379" --> Word Count (486)
 UserId="38379" Comment="move multiplication for visibility. clarify answers" --> Word Count (502)
 UserId="45018" --> Word Count (168)
 UserId="45018" Text="How to improve the accuracy of Random Forest for" --> Word Count (2)
 UserId="45018" --> Word Count (1)
 UserId="45018" Comment="added 1207 characters in body" --> Word Count (506)
 UserId="45018" Comment="added 1207 characters in body" --> Word Count (524)
 UserId="35399" --> Word Count (230)
 UserId="35399" --> Word Count (9)
 UserId="35399" --> Word Count (1)
 UserId="10640" --> Word Count (74)
 UserId="10640" --> Word Count (7)
 UserId="10640" --> Word Count (1)
 UserId="44985" Comment="added 113 characters in body" --> Word Count (942)
 UserId="35399" Comment="edited title" --> Word Count (11)
 UserId="35399" Comment="added 174 characters in body" --> Word Count (256)
 UserId="35399" Comment="added 3 characters in body" --> Word Count (257)
 UserId="43294" --> Word Count (153)
 UserId="44680" Comment="Added some sample data" --> Word Count (1057)
 UserId="-1" Comment="105" --> Word Count (3)
 UserId="29587" --> Word Count (357)
 UserId="17539" --> Word Count (878)
 UserId="17539" --> Word Count (15)
 UserId="17539" --> Word Count (1)
 UserId="44477" Comment="added 200 characters in body" --> Word Count (59)
 UserId="33704" --> Word Count (100)
 UserId="33704" --> Word Count (9)
 UserId="33704" --> Word Count (1)
 UserId="29587" Comment="added 1071 characters in body" --> Word Count (300)
 UserId="40853" Comment="Improved Formatting" --> Word Count (50)
 UserId="21254" Comment="added 8 characters in body" --> Word Count (364)

UserId="836" --> Word Count (315)
UserId="836" Comment="added 3 characters in body" --> Word Count (315)
UserId="122" --> Word Count (389)
UserId="122" --> Word Count (20)
UserId="122" --> Word Count (1)
UserId="45034" --> Word Count (52)
UserId="45034" --> Word Count (7)
UserId="45034" --> Word Count (1)
UserId="4683" --> Word Count (231)
UserId="4683" --> Word Count (148)
UserId="28175" --> Word Count (101)
UserId="28175" Comment="edited tags" --> Word Count (1)
UserId="28175" Comment="added 25 characters in body" --> Word Count (106)
UserId="17484" Comment="added 3 characters in body" --> Word Count (92)
UserId="44139" --> Word Count (67)
UserId="43294" --> Word Count (323)
UserId="8878" --> Word Count (202)
UserId="45018" Comment="added 139 characters in body" --> Word Count (540)
UserId="8878" Comment="correcting some typos, renewing the structre and removing an irrelevant tag" --> Word Count (257)
UserId="8878" Comment="correcting some typos, renewing the structre and removing an irrelevant tag" --> Word Count (1)
UserId="21254" --> Word Count (498)
UserId="21254" --> Word Count (4)
UserId="21254" --> Word Count (1)
UserId="28175" Comment="added 7 characters in body" --> Word Count (52)
UserId="122" Comment="added 8 characters in body" --> Word Count (389)
UserId="34269" --> Word Count (192)
UserId="28175" --> Word Count (107)
UserId="21254" Comment="added 419 characters in body" --> Word Count (555)
UserId="28175" Comment="edited tags" --> Word Count (1)
UserId="28175" Comment="added 4 characters in body" --> Word Count (108)
UserId="43271" Comment="corrected spelling" --> Word Count (28)
UserId="43271" Comment="corrected spelling" --> Word Count (3)
UserId="28175" Comment="added 4 characters in body" --> Word Count (212)
UserId="28175" Comment="added 2 characters in body; edited tags" --> Word Count (557)
UserId="28175" Comment="added 2 characters in body; edited tags" --> Word Count (1)
UserId="28175" Comment="added 1 character in body" --> Word Count (212)
UserId="42781" --> Word Count (150)
UserId="42781" --> Word Count (10)
UserId="42781" --> Word Count (1)
UserId="40515" --> Word Count (49)
UserId="40515" --> Word Count (8)
UserId="40515" --> Word Count (1)
UserId="28175" --> Word Count (131)
UserId="28175" Comment="edited body; edited tags" --> Word Count (49)

UserId="28175" Comment="edited body; edited tags" --> Word Count (1)
 UserId="8878" Comment="Tags were removed according to my bad understanding of the question" --> Word Count (1)
 UserId="8878" Comment="My first answer was completely wrong" --> Word Count (274)
 UserId="8878" Comment="just a simple change in a sentence" --> Word Count (202)
 UserId="28175" Comment="edited title" --> Word Count (10)
 UserId="24215" --> Word Count (177)
 UserId="38379" --> Word Count (407)
 UserId="40217" --> Word Count (73)
 UserId="40217" --> Word Count (6)
 UserId="40217" --> Word Count (1)
 UserId="45049" --> Word Count (156)
 UserId="8878" --> Word Count (371)
 UserId="45052" --> Word Count (76)
 UserId="45048" --> Word Count (94)
 UserId="45048" --> Word Count (10)
 UserId="45048" --> Word Count (1)
 UserId="836" Comment="added 115 characters in body" --> Word Count (341)
 UserId="836" Comment="added 121 characters in body" --> Word Count (359)
 UserId="836" Comment="added 2 characters in body" --> Word Count (363)
 UserId="836" Comment="edited body" --> Word Count (371)
 UserId="45060" --> Word Count (93)
 UserId="45060" --> Word Count (9)
 UserId="45060" --> Word Count (1)
 UserId="836" Comment="added 2 characters in body" --> Word Count (371)
 UserId="38379" Comment="update to use batch dimension" --> Word Count (507)
 UserId="45058" --> Word Count (404)
 UserId="45058" --> Word Count (4)
 UserId="45058" --> Word Count (1)
 UserId="29575" Comment="Format List" --> Word Count (97)
 UserId="45058" Comment="small typo (fp instead of fn)" --> Word Count (404)
 UserId="8878" Comment="Updating with an example" --> Word Count (669)
 UserId="44785" Comment="added 34 characters in body; edited title" --> Word Count (59)
 UserId="44785" Comment="added 34 characters in body; edited title" --> Word Count (10)
 UserId="28175" --> Word Count (62)
 UserId="43294" --> Word Count (24)
 UserId="38379" Comment="added deep learning tag" --> Word Count (1)
 UserId="26562" Comment="added deep learning tag & fixed spelling" --> Word Count (105)
 UserId="43294" Comment="added 1 character in body" --> Word Count (323)
 UserId="45071" --> Word Count (102)
 UserId="45071" --> Word Count (12)
 UserId="45071" --> Word Count (1)
 UserId="38379" Comment="try to add syntax highlighting" --> Word Count (505)
 UserId="1424" --> Word Count (324)

UserId="45076" --> Word Count (128)
 UserId="45076" --> Word Count (6)
 UserId="45076" --> Word Count (1)
 UserId="45076" Comment="edited body" --> Word Count (128)
 UserId="40853" Comment="Improved Formatting" --> Word Count (75)
 UserId="40853" Comment="Improved Formatting" --> Word Count (128)
 UserId="33704" Comment="Added stackoverflow link for same question." --> Word Count (111)
 UserId="4683" Comment="added examples" --> Word Count (117)
 UserId="28175" Comment="added 11 characters in body" --> Word Count (65)
 UserId="4683" Comment="added examples" --> Word Count (162)
 UserId="4683" Comment="added examples" --> Word Count (166)
 UserId="4683" Comment="added 3351 characters in body" --> Word Count (674)
 UserId="8820" --> Word Count (164)
 UserId="45086" --> Word Count (185)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (173)
 UserId="8417" Comment="added 84 characters in body" --> Word Count (33)
 UserId="45086" --> Word Count (189)
 UserId="40853" Comment="Improved Formatting" --> Word Count (88)
 UserId="4683" --> Word Count (78)
 UserId="43469" --> Word Count (34)
 UserId="4683" --> Word Count (139)
 UserId="45096" --> Word Count (99)
 UserId="45096" --> Word Count (12)
 UserId="45096" --> Word Count (1)
 UserId="4683" Comment="added 645 characters in body" --> Word Count (1584)
 UserId="45096" Comment="edited tags" --> Word Count (1)
 UserId="4683" Comment="added 645 characters in body" --> Word Count (1634)
 UserId="45086" --> Word Count (198)
 UserId="45086" --> Word Count (7)
 UserId="45086" --> Word Count (1)
 UserId="8878" Comment="a simple typo" --> Word Count (98)
 UserId="43455" --> Word Count (97)
 UserId="43455" --> Word Count (11)
 UserId="43455" --> Word Count (1)
 UserId="43455" Comment="edited title" --> Word Count (11)
 UserId="43455" Comment="edited tags" --> Word Count (1)
 UserId="45107" --> Word Count (53)
 UserId="45107" --> Word Count (6)
 UserId="45107" --> Word Count (1)
 UserId="42831" --> Word Count (32)
 UserId="45112" --> Word Count (26)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (33)
 UserId="45071" Comment="added data frequency " --> Word Count (106)
 UserId="26917" Comment="Fixed formatting in description of variables. " --> Word Count (208)
 UserId="29575" Comment="Fixed formatting in description of variables. " --> Word Count (211)

UserId="44456" --> Word Count (229)
 UserId="44456" --> Word Count (7)
 UserId="44456" --> Word Count (1)
 UserId="26444" --> Word Count (59)
 UserId="44456" Comment="added 152 characters in body" --> Word Count (233)
 UserId="45123" --> Word Count (112)
 UserId="41886" --> Word Count (73)
 UserId="44456" Comment="added 253 characters in body" --> Word Count (260)
 UserId="45129" --> Word Count (91)
 UserId="45058" --> Word Count (245)
 UserId="29575" Comment="Minor formatting" --> Word Count (89)
 UserId="45133" --> Word Count (220)
 UserId="45133" --> Word Count (7)
 UserId="45133" --> Word Count (1)
 UserId="10640" --> Word Count (67)
 UserId="10640" --> Word Count (8)
 UserId="10640" --> Word Count (1)
 UserId="23305" --> Word Count (73)
 UserId="23305" Comment="added 286 characters in body" --> Word Count (119)
 UserId="45136" --> Word Count (339)
 UserId="45136" --> Word Count (5)
 UserId="45136" --> Word Count (1)
 UserId="44456" --> Word Count (224)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (220)
 UserId="45147" --> Word Count (39)
 UserId="45147" --> Word Count (7)
 UserId="45147" --> Word Count (1)
 UserId="41886" --> Word Count (151)
 UserId="45151" --> Word Count (54)
 UserId="45151" --> Word Count (6)
 UserId="45151" --> Word Count (1)
 UserId="4683" --> Word Count (161)
 UserId="45148" --> Word Count (84)
 UserId="40853" Comment="Improved Formatting" --> Word Count (84)
 UserId="45086" --> Word Count (29)
 UserId="29575" Comment="Format Link" --> Word Count (29)
 UserId="-1" Comment="105" --> Word Count (3)
 UserId="8417" --> Word Count (158)
 UserId="11097" Comment="added 144 characters in body" --> Word Count (2770)
 UserId="43271" Comment="corrected spelling" --> Word Count (110)
 UserId="40853" Comment="corrected spelling" --> Word Count (110)
 UserId="7812" --> Word Count (26)
 UserId="7812" --> Word Count (10)
 UserId="7812" --> Word Count (1)
 UserId="7812" Comment="added 30 characters in body" --> Word Count (30)
 UserId="45086" --> Word Count (281)
 UserId="45011" --> Word Count (564)
 UserId="45011" --> Word Count (13)

UserId="45011" --> Word Count (1)
UserId="29587" --> Word Count (242)
UserId="41204" --> Word Count (55)
UserId="41204" --> Word Count (11)
UserId="41204" --> Word Count (1)
UserId="45011" Comment="added 1 character in body" --> Word Count (564)
UserId="45011" Comment="added 13 characters in body" --> Word Count (566)
UserId="44610" Comment="added 484 characters in body" --> Word Count (2919)
UserId="21560" --> Word Count (60)
UserId="21560" --> Word Count (9)
UserId="21560" --> Word Count (1)
UserId="40102" --> Word Count (54)
UserId="40102" --> Word Count (6)
UserId="40102" --> Word Count (1)
UserId="44456" --> Word Count (47)
UserId="43271" Comment="corrected spelling" --> Word Count (61)
UserId="24215" --> Word Count (124)
UserId="43271" Comment="corrected spelling" --> Word Count (57)
UserId="42681" --> Word Count (646)
UserId="42681" --> Word Count (6)
UserId="42681" --> Word Count (1)
UserId="43367" --> Word Count (31)
UserId="44456" Comment="added 1465 characters in body" --> Word Count (243)
UserId="43472" --> Word Count (222)
UserId="43472" --> Word Count (7)
UserId="43472" --> Word Count (1)
UserId="43472" Comment="added 3 characters in body" --> Word Count (223)
UserId="44456" Comment="added 27 characters in body" --> Word Count (247)
UserId="28175" --> Word Count (219)
UserId="45172" --> Word Count (198)
UserId="45172" --> Word Count (13)
UserId="45172" --> Word Count (1)
UserId="29575" Comment="Format Link" --> Word Count (197)
UserId="45011" Comment="edited title" --> Word Count (14)
UserId="45178" --> Word Count (87)
UserId="45178" --> Word Count (5)
UserId="45178" --> Word Count (1)
UserId="43294" --> Word Count (81)
UserId="45178" Comment="added 113 characters in body" --> Word Count (114)
UserId="28175" Comment="deleted 6 characters in body; edited tags" --> Word Count (79)
UserId="28175" Comment="deleted 6 characters in body; edited tags" --> Word Count (1)
UserId="28175" Comment="added 1 character in body; edited tags" --> Word Count (2918)
UserId="28175" Comment="added 1 character in body; edited tags" --> Word Count (1)
UserId="45086" --> Word Count (197)

UserId="29575" Comment="Format link" --> Word Count (121)
 UserId="43294" Comment="added 1069 characters in body" --> Word Count (227)
 UserId="45181" --> Word Count (120)
 UserId="45181" --> Word Count (3)
 UserId="45181" --> Word Count (1)
 UserId="45183" --> Word Count (301)
 UserId="45183" --> Word Count (9)
 UserId="45183" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (118)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (285)
 UserId="45184" --> Word Count (82)
 UserId="45184" --> Word Count (10)
 UserId="45184" --> Word Count (1)
 UserId="45086" --> Word Count (79)
 UserId="45172" Comment="added 107 characters in body" --> Word Count (214)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (79)
 UserId="45185" --> Word Count (301)
 UserId="45185" --> Word Count (6)
 UserId="45185" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (225)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (1)
 UserId="27983" Comment="added 2 characters in body" --> Word Count (122)
 UserId="45086" --> Word Count (105)
 UserId="45086" Comment="added 717 characters in body" --> Word Count (195)
 UserId="45197" --> Word Count (90)
 UserId="45197" --> Word Count (9)
 UserId="45197" --> Word Count (1)
 UserId="15325" --> Word Count (207)
 UserId="15325" --> Word Count (12)
 UserId="15325" --> Word Count (1)
 UserId="7812" --> Word Count (61)
 UserId="7812" --> Word Count (4)
 UserId="7812" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (123)
 UserId="-1" --> Word Count (2)
 UserId="45206" --> Word Count (184)
 UserId="45206" --> Word Count (8)
 UserId="45206" --> Word Count (1)
 UserId="40853" Comment="added 18 characters in body" --> Word Count (200)
 UserId="44808" --> Word Count (54)
 UserId="44808" --> Word Count (7)
 UserId="44808" --> Word Count (1)
 UserId="35597" --> Word Count (157)
 UserId="35597" --> Word Count (15)
 UserId="35597" --> Word Count (1)
 UserId="15325" Comment="deleted 14 characters in body" --> Word Count (205)
 UserId="36991" --> Word Count (34)
 UserId="28175" --> Word Count (196)

UserId="28175" Comment="edited tags" --> Word Count (1)
UserId="40853" Comment="deleted 1 character in body" --> Word Count (33)
UserId="40853" Comment="added 4 characters in body" --> Word Count (33)
UserId="15325" Comment="added 329 characters in body" --> Word Count (253)
UserId="45217" --> Word Count (45)
UserId="15325" --> Word Count (360)
UserId="41504" --> Word Count (415)
UserId="41504" --> Word Count (5)
UserId="41504" --> Word Count (1)
UserId="45221" --> Word Count (59)
UserId="29587" --> Word Count (241)
UserId="28175" Comment="added 954 characters in body" --> Word Count (357)
UserId="8878" --> Word Count (128)
UserId="45222" --> Word Count (279)
UserId="45222" --> Word Count (9)
UserId="45222" --> Word Count (1)
UserId="42681" --> Word Count (118)
UserId="28175" --> Word Count (27)
UserId="40853" Comment="added 33 characters in body" --> Word Count (294)
UserId="28175" Comment="edited tags" --> Word Count (1)
UserId="28175" Comment="edited tags" --> Word Count (641)
UserId="8878" Comment="enriching answer " --> Word Count (318)
UserId="8878" Comment="Changing one of references" --> Word Count (318)
UserId="33603" --> Word Count (124)
UserId="29587" Comment="added 2056 characters in body" --> Word Count (909)
UserId="44610" Comment="added 10475 characters in body" --> Word Count (6967)
UserId="44610" Comment="added 408 characters in body" --> Word Count (7037)
UserId="44610" Comment="added 4 characters in body" --> Word Count (7037)
UserId="41557" --> Word Count (104)
UserId="41557" --> Word Count (11)
UserId="41557" --> Word Count (1)
UserId="44683" --> Word Count (451)
UserId="44683" --> Word Count (2)
UserId="44683" --> Word Count (1)
UserId="36991" Comment="Edited since original post was on mobile." --> Word Count (36)
UserId="29575" Comment="Format Link" --> Word Count (58)
UserId="29575" Comment="Minor formatting" --> Word Count (45)
UserId="36991" Comment="Edited since original post was on mobile." --> Word Count (260)
UserId="6458" --> Word Count (913)
UserId="6458" --> Word Count (16)
UserId="6458" --> Word Count (1)
UserId="38506" --> Word Count (58)
UserId="38506" --> Word Count (7)
UserId="38506" --> Word Count (1)
UserId="44299" --> Word Count (76)
UserId="44299" Comment="added 182 characters in body" --> Word Count (107)

UserId="28175" --> Word Count (75)
UserId="28175" Comment="edited tags" --> Word Count (1)
UserId="28175" Comment="edited tags" --> Word Count (104)
UserId="45177" --> Word Count (114)
UserId="836" Comment="added 334 characters in body" --> Word Count (458)
UserId="29575" Comment="Minor grammar" --> Word Count (112)
UserId="44101" --> Word Count (78)
UserId="44101" --> Word Count (4)
UserId="44101" --> Word Count (1)
UserId="28175" Comment="deleted 6 characters in body" --> Word Count (74)
UserId="31434" --> Word Count (223)
UserId="28175" Comment="edited tags" --> Word Count (1)
UserId="43048" --> Word Count (36)
UserId="43048" --> Word Count (4)
UserId="43048" --> Word Count (1)
UserId="31434" --> Word Count (72)
UserId="8878" Comment="deleted 1 character in body" --> Word Count (318)
UserId="31434" Comment="Various grammar edits." --> Word Count (67)
UserId="29575" Comment="Various grammar edits." --> Word Count (66)
UserId="31434" Comment="changed location of a sentence for clarity." --> Word Count (224)
UserId="41894" --> Word Count (82)
UserId="41894" --> Word Count (13)
UserId="41894" --> Word Count (1)
UserId="10383" --> Word Count (123)
UserId="924" --> Word Count (27)
UserId="10383" --> Word Count (70)
UserId="10383" --> Word Count (102)
UserId="28175" --> Word Count (106)
UserId="28175" Comment="added 4 characters in body; edited tags" --> Word Count (82)
UserId="28175" Comment="added 4 characters in body; edited tags" --> Word Count (1)
UserId="45263" --> Word Count (142)
UserId="45263" --> Word Count (11)
UserId="45263" --> Word Count (1)
UserId="45261" --> Word Count (284)
UserId="45261" --> Word Count (7)
UserId="45261" --> Word Count (1)
UserId="45267" --> Word Count (144)
UserId="45267" --> Word Count (4)
UserId="45267" --> Word Count (1)
UserId="45269" --> Word Count (132)
UserId="45269" --> Word Count (7)
UserId="45269" --> Word Count (1)
UserId="29575" Comment="Remove extra commentary" --> Word Count (144)
UserId="836" --> Word Count (287)
UserId="31434" --> Word Count (61)

UserId="31434" --> Word Count (60)
 UserId="26444" --> Word Count (31)
 UserId="26444" --> Word Count (37)
 UserId="35503" --> Word Count (117)
 UserId="35503" --> Word Count (8)
 UserId="35503" --> Word Count (1)
 UserId="45278" --> Word Count (42)
 UserId="45278" --> Word Count (11)
 UserId="45278" --> Word Count (1)
 UserId="28175" --> Word Count (131)
 UserId="28175" Comment="added 13 characters in body; edited tags; edited title"
 --> Word Count (118)
 UserId="28175" Comment="added 13 characters in body; edited tags; edited title"
 --> Word Count (8)
 UserId="28175" Comment="added 13 characters in body; edited tags; edited title"
 --> Word Count (1)
 UserId="45282" --> Word Count (181)
 UserId="45282" --> Word Count (4)
 UserId="45282" --> Word Count (1)
 UserId="28175" --> Word Count (64)
 UserId="28175" Comment="deleted 23 characters in body" --> Word Count (178)
 UserId="45182" --> Word Count (24)
 UserId="45182" --> Word Count (21)
 UserId="45182" --> Word Count (9)
 UserId="45290" --> Word Count (46)
 UserId="45290" --> Word Count (11)
 UserId="45290" --> Word Count (1)
 UserId="29575" Comment="Format Link" --> Word Count (49)
 UserId="45292" Text="I have run into this issue when attempting to view temporal
 data on the scatterplot.

Perhaps Excel is outputting a
 DATEVALUE ([https://support.office.com/en-us/article/DATEVALUE-function-
 df8b07d4-7761-4a93-bc33-b7471bbff252](https://support.office.com/en-us/article/DATEVALUE-function-df8b07d4-7761-4a93-bc33-b7471bbff252))

I tried some Excel
 magic to create columns with --> Word Count (45)
 UserId="29575" Comment="Format links" Text="I have run into this issue when
 attempting to view temporal data on the scatterplot.

Perhaps
 Excel is outputting a [`DATEVALUE`] ([https://support.office.com/en-
 us/article/DATEVALUE-function-
 df8b07d4-7761-4a93-bc33-b7471bbff252](https://support.office.com/en-us/article/DATEVALUE-function-df8b07d4-7761-4a93-bc33-b7471bbff252))

I tried some Excel
 magic to create columns with --> Word Count (47)
 UserId="39081" --> Word Count (93)
 UserId="39081" --> Word Count (10)
 UserId="39081" --> Word Count (1)
 UserId="31434" --> Word Count (120)
 UserId="7812" --> Word Count (33)
 UserId="7812" --> Word Count (5)
 UserId="7812" --> Word Count (1)
 UserId="7812" Comment="added 195 characters in body" --> Word Count (33)
 UserId="45289" --> Word Count (80)

UserId="45289" --> Word Count (10)
 UserId="45289" --> Word Count (1)
 UserId="7812" --> Word Count (44)
 UserId="7812" --> Word Count (4)
 UserId="7812" --> Word Count (1)
 UserId="7812" Comment="added 80 characters in body" --> Word Count (57)
 UserId="28175" --> Word Count (290)
 UserId="28175" Comment="added 2 characters in body; edited tags" --> Word Count (80)
 UserId="28175" Comment="added 2 characters in body; edited tags" --> Word Count (1)
 UserId="28175" Comment="added 11 characters in body" --> Word Count (291)
 UserId="45299" --> Word Count (978)
 UserId="45299" --> Word Count (12)
 UserId="45299" --> Word Count (1)
 UserId="8251" --> Word Count (160)
 UserId="28175" Comment="deleted 1 character in body" --> Word Count (291)
 UserId="28175" Comment="deleted 11 characters in body; edited tags" --> Word Count (80)
 UserId="28175" Comment="deleted 11 characters in body; edited tags" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (948)
 UserId="18626" --> Word Count (59)
 UserId="836" Comment="added 470 characters in body" --> Word Count (346)
 UserId="20327" --> Word Count (287)
 UserId="20327" --> Word Count (16)
 UserId="20327" --> Word Count (1)
 UserId="43472" --> Word Count (1099)
 UserId="43472" --> Word Count (8)
 UserId="43472" --> Word Count (1)
 UserId="20327" Comment="grammar" --> Word Count (8)
 UserId="836" Comment="added 127 characters in body" --> Word Count (368)
 UserId="26394" --> Word Count (223)
 UserId="35503" Comment="Updated the query for specific need of localization" --> Word Count (138)
 UserId="32429" --> Word Count (56)
 UserId="32429" --> Word Count (9)
 UserId="32429" --> Word Count (1)
 UserId="45313" --> Word Count (102)
 UserId="45313" --> Word Count (7)
 UserId="45313" --> Word Count (1)
 UserId="20867" --> Word Count (364)
 UserId="45317" --> Word Count (120)
 UserId="41692" --> Word Count (706)
 UserId="41692" --> Word Count (12)
 UserId="41692" --> Word Count (1)
 UserId="44654" --> Word Count (38)
 UserId="1426" --> Word Count (33)

UserId="29575" Comment="Removed non-answer." --> Word Count (97)
 UserId="41692" Comment="added 2 characters in body" --> Word Count (705)
 UserId="44654" Comment="Added Harris Papadopoulos' paper" --> Word Count (98)
 UserId="45077" --> Word Count (69)
 UserId="8517" --> Word Count (164)
 UserId="8517" --> Word Count (14)
 UserId="8517" --> Word Count (1)
 UserId="45329" --> Word Count (128)
 UserId="45329" --> Word Count (8)
 UserId="45329" --> Word Count (1)
 UserId="28175" --> Word Count (157)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (56)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (125)
 UserId="6585" --> Word Count (144)
 UserId="29575" Comment="Format Link" --> Word Count (98)
 UserId="29575" Comment="Format Link" --> Word Count (66)
 UserId="18626" Comment="added 1418 characters in body" --> Word Count (241)
 UserId="26394" --> Word Count (187)
 UserId="45333" --> Word Count (39)
 UserId="45333" --> Word Count (10)
 UserId="45333" --> Word Count (1)
 UserId="29575" Comment="Minor grammar" --> Word Count (38)
 UserId="45336" --> Word Count (82)
 UserId="45336" --> Word Count (17)
 UserId="45336" --> Word Count (1)
 UserId="29575" Comment="Minor grammar" --> Word Count (77)
 UserId="44654" Comment="added Conformal Prediction" --> Word Count (99)
 UserId="8517" Comment="added 11 characters in body" --> Word Count (163)
 UserId="31434" Comment="added additional explanation and examples" --> Word Count (1182)
 UserId="44654" Comment="added onlineprediction.net conformal prediction wiki" --> Word Count (102)
 UserId="21" Comment="102" --> Word Count (3)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="21" Comment="102" --> Word Count (3)
 UserId="21" Comment="105" --> Word Count (2)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="45341" --> Word Count (346)
 UserId="45341" --> Word Count (11)
 UserId="45341" --> Word Count (1)
 UserId="924" --> Word Count (61)
 UserId="35503" Comment="About images being real world pics" --> Word Count (154)
 UserId="43077" --> Word Count (209)
 UserId="43077" --> Word Count (11)
 UserId="43077" --> Word Count (1)
 UserId="43077" Comment="added 29 characters in body" --> Word Count (259)

UserId="43077" Comment="added 29 characters in body" --> Word Count (262)
 UserId="45344" --> Word Count (119)
 UserId="45344" --> Word Count (17)
 UserId="45344" --> Word Count (1)
 UserId="29587" --> Word Count (128)
 UserId="8478" --> Word Count (68)
 UserId="8478" --> Word Count (6)
 UserId="8478" --> Word Count (1)
 UserId="8478" Comment="added 488 characters in body" --> Word Count (129)
 UserId="26394" Comment="Added url onto the word" --> Word Count (129)
 UserId="29575" Comment="Added url onto the word" --> Word Count (129)
 UserId="45324" Comment="Just added some formatting to increase readability of the code section." --> Word Count (141)
 UserId="45351" --> Word Count (135)
 UserId="45351" --> Word Count (9)
 UserId="45351" --> Word Count (1)
 UserId="40853" --> Word Count (164)
 UserId="26394" Comment="Corrected sentence" --> Word Count (163)
 UserId="40853" Comment="Corrected sentence" --> Word Count (164)
 UserId="836" --> Word Count (440)
 UserId="836" Comment="added 381 characters in body" --> Word Count (507)
 UserId="40853" --> Word Count (112)
 UserId="45361" --> Word Count (78)
 UserId="45361" --> Word Count (11)
 UserId="45361" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (73)
 UserId="45360" --> Word Count (104)
 UserId="836" Comment="added 29 characters in body" --> Word Count (560)
 UserId="43472" --> Word Count (17)
 UserId="836" Comment="added 29 characters in body" --> Word Count (565)
 UserId="45185" --> Word Count (290)
 UserId="45185" --> Word Count (5)
 UserId="45185" --> Word Count (1)
 UserId="45367" --> Word Count (148)
 UserId="45367" --> Word Count (9)
 UserId="45367" --> Word Count (1)
 UserId="836" Comment="added 89 characters in body" --> Word Count (583)
 UserId="44519" --> Word Count (13)
 UserId="45356" --> Word Count (735)
 UserId="45356" --> Word Count (6)
 UserId="45356" --> Word Count (1)
 UserId="45374" --> Word Count (34)
 UserId="30048" --> Word Count (69)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (129)
 UserId="14675" Comment="added 33 characters in body" --> Word Count (172)
 UserId="43455" Comment="Rollback to [2f909299-8356-4420-aa2c-3ad21dc722f0] - Edit approval overridden by post owner or moderator" --> Word Count (97)

UserId="43870" --> Word Count (46)
 UserId="26327" --> Word Count (367)
 UserId="26327" --> Word Count (2)
 UserId="26327" --> Word Count (1)
 UserId="924" --> Word Count (96)
 UserId="45385" --> Word Count (34)
 UserId="45385" --> Word Count (5)
 UserId="45385" --> Word Count (1)
 UserId="33095" --> Word Count (80)
 UserId="33095" --> Word Count (6)
 UserId="33095" --> Word Count (1)
 UserId="32429" --> Word Count (50)
 UserId="32429" --> Word Count (4)
 UserId="32429" --> Word Count (1)
 UserId="5247" Comment="deleted 18 characters in body" --> Word Count (113)
 UserId="44785" --> Word Count (55)
 UserId="44785" --> Word Count (4)
 UserId="44785" --> Word Count (1)
 UserId="45185" Comment="added 149 characters in body" --> Word Count (316)
 UserId="28175" --> Word Count (145)
 UserId="28175" Comment="added 1 character in body; edited tags; edited title"
 --> Word Count (34)
 UserId="28175" Comment="added 1 character in body; edited tags; edited title"
 --> Word Count (3)
 UserId="28175" Comment="added 1 character in body; edited tags; edited title"
 --> Word Count (1)
 UserId="31434" --> Word Count (339)
 UserId="43294" --> Word Count (87)
 UserId="45389" --> Word Count (61)
 UserId="45389" --> Word Count (7)
 UserId="45389" --> Word Count (1)
 UserId="29575" Comment="Fix Typo" --> Word Count (61)
 UserId="29575" Comment="Fix Typo" --> Word Count (7)
 UserId="33603" --> Word Count (78)
 UserId="45389" --> Word Count (34)
 UserId="43455" Comment="Tags would be more specific" --> Word Count (1)
 UserId="44114" --> Word Count (78)
 UserId="45391" --> Word Count (175)
 UserId="45391" --> Word Count (8)
 UserId="45391" --> Word Count (1)
 UserId="37822" --> Word Count (261)
 UserId="37822" --> Word Count (11)
 UserId="37822" --> Word Count (1)
 UserId="33095" --> Word Count (19)
 UserId="32754" --> Word Count (100)
 UserId="32754" --> Word Count (11)
 UserId="32754" --> Word Count (1)
 UserId="45292" --> Word Count (103)

UserId="45292" Comment="deleted 5 characters in body" --> Word Count (102)
UserId="45292" Comment="added 15 characters in body" --> Word Count (104)
UserId="24792" --> Word Count (86)
UserId="24792" --> Word Count (13)
UserId="24792" --> Word Count (1)
UserId="45297" --> Word Count (25)
UserId="45297" --> Word Count (6)
UserId="45297" --> Word Count (1)
UserId="40853" Comment="Improved Formatting" --> Word Count (175)
UserId="32711" Comment="deleted 145 characters in body" --> Word Count (315)
UserId="32754" Comment="added 53 characters in body" --> Word Count (109)
UserId="40853" --> Word Count (419)
UserId="40853" Comment="appended 2 more links" --> Word Count (423)
UserId="28175" --> Word Count (174)
UserId="28175" Comment="edited tags" --> Word Count (1)
UserId="41909" --> Word Count (31)
UserId="41909" --> Word Count (6)
UserId="41909" --> Word Count (1)
UserId="28175" Comment="added 198 characters in body" --> Word Count (181)
UserId="28175" Comment="added 2 characters in body" --> Word Count (109)
UserId="28175" Comment="added 49 characters in body" --> Word Count (190)
UserId="40853" Comment="Improved Formatting" --> Word Count (30)
UserId="29575" Comment="Minor grammar" --> Word Count (33)
UserId="29575" Comment="Minor grammar" --> Word Count (6)
UserId="40853" Comment="added 1 character in body" --> Word Count (423)
UserId="2932" --> Word Count (164)
UserId="122" --> Word Count (148)
UserId="122" --> Word Count (10)
UserId="122" --> Word Count (1)
UserId="45414" --> Word Count (52)
UserId="29575" Comment="Format Link" --> Word Count (153)
UserId="45414" Comment="editing a link" --> Word Count (52)
UserId="122" Comment="added 359 characters in body" --> Word Count (212)
UserId="45414" Comment="paraphrased" --> Word Count (53)
UserId="45414" Comment="this link doesn't seem relevant to the question" -->
Word Count (52)
UserId="45371" --> Word Count (207)
UserId="45371" --> Word Count (9)
UserId="45371" --> Word Count (1)
UserId="44114" Comment="deleted 27 characters in body" --> Word Count (74)
UserId="45416" --> Word Count (52)
UserId="45420" --> Word Count (82)
UserId="45420" --> Word Count (7)
UserId="45420" --> Word Count (1)
UserId="44701" --> Word Count (55)
UserId="44701" --> Word Count (9)
UserId="44701" --> Word Count (1)
UserId="45416" Comment="added 212 characters in body" --> Word Count (62)

UserId="45421" --> Word Count (167)
 UserId="45423" --> Word Count (86)
 UserId="45423" --> Word Count (14)
 UserId="45423" --> Word Count (1)
 UserId="45416" Comment="edited body" --> Word Count (62)
 UserId="40853" --> Word Count (168)
 UserId="43110" --> Word Count (78)
 UserId="43110" --> Word Count (10)
 UserId="43110" --> Word Count (1)
 UserId="29217" --> Word Count (61)
 UserId="21560" --> Word Count (26)
 UserId="21560" --> Word Count (9)
 UserId="21560" --> Word Count (1)
 UserId="28175" --> Word Count (228)
 UserId="28175" Comment="added 2 characters in body; edited tags" --> Word Count (26)
 UserId="28175" Comment="added 2 characters in body; edited tags" --> Word Count (1)
 UserId="28175" Comment="deleted 3 characters in body" --> Word Count (227)
 UserId="39289" --> Word Count (95)
 UserId="29217" Comment="fixed grammar/typo" --> Word Count (61)
 UserId="26394" --> Word Count (284)
 UserId="37822" Comment="edited title" --> Word Count (7)
 UserId="23240" --> Word Count (92)
 UserId="23240" --> Word Count (8)
 UserId="23240" --> Word Count (1)
 UserId="29575" Comment="Format Link" --> Word Count (95)
 UserId="23240" Comment="added 1 character in body" --> Word Count (92)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (89)
 UserId="45011" --> Word Count (750)
 UserId="45011" --> Word Count (13)
 UserId="45011" --> Word Count (1)
 UserId="34202" --> Word Count (73)
 UserId="34202" --> Word Count (6)
 UserId="34202" --> Word Count (1)
 UserId="43472" --> Word Count (882)
 UserId="45441" --> Word Count (189)
 UserId="45441" --> Word Count (9)
 UserId="45441" --> Word Count (1)
 UserId="41615" --> Word Count (123)
 UserId="41615" --> Word Count (6)
 UserId="41615" --> Word Count (1)
 UserId="29575" Comment="Add images" --> Word Count (192)
 UserId="44114" Comment="added 411 characters in body" --> Word Count (125)
 UserId="45448" --> Word Count (29)
 UserId="45448" --> Word Count (7)
 UserId="45448" --> Word Count (1)
 UserId="28175" --> Word Count (45)

UserId="16401" --> Word Count (128)
UserId="31434" --> Word Count (259)
UserId="16401" Comment="Added code from the one posted in comments" --> Word Count (128)
UserId="31434" Comment="fixed list items" --> Word Count (259)
UserId="40767" --> Word Count (101)
UserId="45011" Comment="edited tags" --> Word Count (1)
UserId="36977" --> Word Count (372)
UserId="36977" Comment="deleted 6 characters in body" --> Word Count (371)
UserId="44101" --> Word Count (43)
UserId="44101" --> Word Count (7)
UserId="44101" --> Word Count (1)
UserId="38887" --> Word Count (276)
UserId="381" --> Word Count (67)
UserId="38887" --> Word Count (126)
UserId="42681" --> Word Count (209)
UserId="42681" --> Word Count (7)
UserId="42681" --> Word Count (1)
UserId="38887" --> Word Count (458)
UserId="38887" --> Word Count (183)
UserId="38887" --> Word Count (140)
UserId="24593" --> Word Count (45)
UserId="18219" --> Word Count (88)
UserId="18219" --> Word Count (9)
UserId="18219" --> Word Count (1)
UserId="29575" Comment="Minor grammar" --> Word Count (88)
UserId="381" Comment="deleted 96 characters in body" --> Word Count (29)
UserId="381" Comment="deleted 3 characters in body" --> Word Count (29)
UserId="44668" --> Word Count (26)
UserId="44668" --> Word Count (7)
UserId="44668" --> Word Count (1)
UserId="26394" --> Word Count (54)
UserId="43077" Comment="deleted 165 characters in body" --> Word Count (221)
UserId="8478" --> Word Count (138)
UserId="8478" --> Word Count (11)
UserId="8478" --> Word Count (1)
UserId="26394" Comment="deleted 44 characters in body" --> Word Count (45)
UserId="15828" --> Word Count (91)
UserId="7812" --> Word Count (130)
UserId="7812" --> Word Count (7)
UserId="7812" --> Word Count (1)
UserId="45485" --> Word Count (171)
UserId="45485" --> Word Count (14)
UserId="45485" --> Word Count (1)
UserId="7812" Comment="edited body" --> Word Count (130)
UserId="15828" --> Word Count (133)
UserId="15828" Comment="added example" --> Word Count (550)
UserId="15828" Comment="added 103 characters in body" --> Word Count (565)

UserId="42681" Comment="added 125 characters in body" --> Word Count (235)
UserId="15828" Comment="added 1825 characters in body" --> Word Count (434)
UserId="28175" --> Word Count (88)
UserId="28175" Comment="added 15 characters in body; edited tags" --> Word Count (236)
UserId="28175" Comment="added 15 characters in body; edited tags" --> Word Count (1)
UserId="28175" Comment="added 147 characters in body" --> Word Count (96)
UserId="45486" --> Word Count (36)
UserId="45486" --> Word Count (5)
UserId="45486" --> Word Count (1)
UserId="15325" --> Word Count (334)
UserId="15325" --> Word Count (9)
UserId="15325" --> Word Count (1)
UserId="45488" --> Word Count (107)
UserId="45488" --> Word Count (8)
UserId="45488" --> Word Count (1)
UserId="28175" Comment="added 116 characters in body" --> Word Count (223)
UserId="37822" --> Word Count (138)
UserId="29587" --> Word Count (94)
UserId="1426" --> Word Count (55)
UserId="16401" --> Word Count (52)
UserId="15828" Comment="added 7 characters in body" --> Word Count (435)
UserId="15828" Comment="added 31 characters in body" --> Word Count (436)
UserId="18219" Comment="formatting" --> Word Count (85)
UserId="38887" --> Word Count (58)
UserId="45011" Comment="edited tags; edited title" --> Word Count (13)
UserId="45011" Comment="edited tags; edited title" --> Word Count (1)
UserId="45494" --> Word Count (121)
UserId="45494" --> Word Count (7)
UserId="45494" --> Word Count (1)
UserId="11097" --> Word Count (118)
UserId="11097" --> Word Count (7)
UserId="11097" --> Word Count (1)
UserId="28175" --> Word Count (176)
UserId="42681" --> Word Count (715)
UserId="42681" --> Word Count (4)
UserId="42681" --> Word Count (1)
UserId="34009" --> Word Count (109)
UserId="38355" --> Word Count (93)
UserId="15199" --> Word Count (520)
UserId="15199" --> Word Count (9)
UserId="15199" --> Word Count (1)
UserId="41557" --> Word Count (157)
UserId="41557" --> Word Count (13)
UserId="41557" --> Word Count (1)
UserId="45433" --> Word Count (360)
UserId="45433" --> Word Count (16)

UserId="45433" --> Word Count (1)
 UserId="45506" --> Word Count (112)
 UserId="45506" --> Word Count (14)
 UserId="45506" --> Word Count (1)
 UserId="41807" --> Word Count (139)
 UserId="41807" --> Word Count (11)
 UserId="41807" --> Word Count (1)
 UserId="2523" Comment="Copy edited (e.g. ref.
 <http://en.wikipedia.org/wiki/Python_%28programming_language%29>)." -->
 Word Count (223)
 UserId="2523" Comment="Copy edited (e.g. ref.
 <http://en.wikipedia.org/wiki/Python_%28programming_language%29>)." -->
 Word Count (11)
 UserId="29575" Comment="Format code" --> Word Count (224)
 UserId="41615" Comment="Added missing line from the citation" --> Word Count
 (278)
 UserId="29575" Comment="Format code" --> Word Count (11)
 UserId="29575" Comment="Minor formatting" --> Word Count (138)
 UserId="28175" Comment="deleted 599 characters in body" --> Word Count (85)
 UserId="37059" --> Word Count (87)
 UserId="37059" --> Word Count (6)
 UserId="37059" --> Word Count (1)
 UserId="45433" Comment="added 2712 characters in body" --> Word Count (1013)
 UserId="16108" --> Word Count (86)
 UserId="17012" --> Word Count (390)
 UserId="45421" Comment="added 7 characters in body" --> Word Count (167)
 UserId="45507" --> Word Count (550)
 UserId="45397" --> Word Count (174)
 UserId="45397" --> Word Count (9)
 UserId="45397" --> Word Count (1)
 UserId="45515" --> Word Count (319)
 UserId="45515" --> Word Count (6)
 UserId="45515" --> Word Count (1)
 UserId="45515" Comment="edited body" --> Word Count (319)
 UserId="45507" Comment="First paragraph is quoted from source mentioned in the
 second paragraph" --> Word Count (147)
 UserId="45519" --> Word Count (55)
 UserId="45519" --> Word Count (3)
 UserId="45519" --> Word Count (1)
 UserId="45527" --> Word Count (103)
 UserId="45527" --> Word Count (7)
 UserId="45527" --> Word Count (1)
 UserId="836" --> Word Count (206)
 UserId="44654" Comment="added cost function and F1 score" --> Word Count (126)
 UserId="836" Comment="added 742 characters in body" --> Word Count (311)
 UserId="45531" --> Word Count (314)
 UserId="45531" --> Word Count (139)
 UserId="45521" --> Word Count (258)

UserId="29575" Comment="Minor formatting" --> Word Count (100)
 UserId="15199" --> Word Count (27)
 UserId="15828" --> Word Count (344)
 UserId="44610" Comment="Explaining Why This Is The Solution" --> Word Count (184)
 UserId="26394" Comment="several formatting issue" --> Word Count (990)
 UserId="29575" Comment="several formatting issue" --> Word Count (987)
 UserId="15775" --> Word Count (213)
 UserId="39286" --> Word Count (201)
 UserId="-1" Comment="105" --> Word Count (2)
 UserId="45385" --> Word Count (47)
 UserId="45385" --> Word Count (10)
 UserId="45385" --> Word Count (1)
 UserId="28175" --> Word Count (46)
 UserId="836" Comment="added 21 characters in body" --> Word Count (314)
 UserId="25583" --> Word Count (80)
 UserId="45550" --> Word Count (113)
 UserId="45545" --> Word Count (241)
 UserId="45545" --> Word Count (9)
 UserId="45545" --> Word Count (1)
 UserId="45553" --> Word Count (94)
 UserId="45553" --> Word Count (12)
 UserId="45553" --> Word Count (1)
 UserId="45554" --> Word Count (568)
 UserId="45554" --> Word Count (10)
 UserId="45554" --> Word Count (1)
 UserId="45507" --> Word Count (99)
 UserId="45560" --> Word Count (200)
 UserId="45560" --> Word Count (5)
 UserId="45560" --> Word Count (1)
 UserId="32873" Comment="corrected typo" --> Word Count (182)
 UserId="28175" --> Word Count (255)
 UserId="28175" Comment="added 4 characters in body; edited tags" --> Word Count (202)
 UserId="28175" Comment="added 4 characters in body; edited tags" --> Word Count (1)
 UserId="45545" --> Word Count (38)
 UserId="836" Comment="added 127 characters in body" --> Word Count (352)
 UserId="45450" --> Word Count (137)
 UserId="45450" --> Word Count (14)
 UserId="45450" --> Word Count (1)
 UserId="45507" --> Word Count (238)
 UserId="43077" --> Word Count (137)
 UserId="43077" --> Word Count (9)
 UserId="43077" --> Word Count (1)
 UserId="43077" Comment="added 397 characters in body" --> Word Count (183)
 UserId="45450" --> Word Count (49)
 UserId="45433" --> Word Count (108)

UserId="7812" --> Word Count (39)
 UserId="7812" --> Word Count (6)
 UserId="7812" --> Word Count (1)
 UserId="45221" --> Word Count (399)
 UserId="45570" --> Word Count (163)
 UserId="45570" --> Word Count (13)
 UserId="45570" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (100)
 UserId="44530" --> Word Count (259)
 UserId="44530" --> Word Count (7)
 UserId="44530" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (129)
 UserId="44886" --> Word Count (157)
 UserId="44886" --> Word Count (6)
 UserId="44886" --> Word Count (1)
 UserId="43077" Comment="added 330 characters in body" --> Word Count (206)
 UserId="45578" --> Word Count (154)
 UserId="45578" --> Word Count (9)
 UserId="45578" --> Word Count (1)
 UserId="44530" Comment="added 390 characters in body" --> Word Count (326)
 UserId="45531" --> Word Count (102)
 UserId="-1" Comment="Question title changed - question is asking for advice not clarification" --> Word Count (7)
 UserId="45560" Comment="edited tags" --> Word Count (1)
 UserId="45507" Comment="Improved English" --> Word Count (231)
 UserId="44114" --> Word Count (106)
 UserId="45572" Comment="removed dead links (r fiddle and data joy are both deprecated/shut down)" --> Word Count (57)
 UserId="21" Comment="105" --> Word Count (3)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="21" Comment="103" --> Word Count (5)
 UserId="33688" --> Word Count (116)
 UserId="45610" UserDisplayName="Universalis" --> Word Count (458)
 UserId="45610" UserDisplayName="Universalis" --> Word Count (10)
 UserId="45610" UserDisplayName="Universalis" --> Word Count (1)
 UserId="45581" --> Word Count (232)
 UserId="45581" --> Word Count (9)
 UserId="45581" --> Word Count (1)
 UserId="43294" --> Word Count (250)
 UserId="45586" --> Word Count (53)
 UserId="43077" Comment="added 7 characters in body" --> Word Count (208)
 UserId="29575" Comment="Format List" --> Word Count (52)
 UserId="43294" --> Word Count (26)
 UserId="924" --> Word Count (31)
 UserId="39830" --> Word Count (100)
 UserId="39830" --> Word Count (8)
 UserId="39830" --> Word Count (1)
 UserId="45264" --> Word Count (354)

UserId="45264" --> Word Count (271)
UserId="45591" --> Word Count (66)
UserId="45591" --> Word Count (15)
UserId="45591" --> Word Count (1)
UserId="45594" Comment="Corrected the broken link" --> Word Count (68)
UserId="45182" --> Word Count (174)
UserId="45597" --> Word Count (56)
UserId="45600" --> Word Count (92)
UserId="43077" Comment="added 13 characters in body" --> Word Count (135)
UserId="40853" Comment="Improved Formatting" --> Word Count (135)
UserId="1330" Comment="added 3 characters in body" --> Word Count (46)
UserId="11097" Comment="added 3 characters in body" --> Word Count (89)
UserId="45603" --> Word Count (133)
UserId="45603" --> Word Count (8)
UserId="45603" --> Word Count (1)
UserId="15828" --> Word Count (44)
UserId="15828" Comment="added 326 characters in body" --> Word Count (94)
UserId="45609" --> Word Count (62)
UserId="45609" --> Word Count (5)
UserId="45609" --> Word Count (1)
UserId="35386" --> Word Count (317)
UserId="35386" --> Word Count (9)
UserId="35386" --> Word Count (1)
UserId="45613" --> Word Count (49)
UserId="45614" --> Word Count (31)
UserId="15828" --> Word Count (39)
UserId="14364" --> Word Count (70)
UserId="15828" Comment="added 406 characters in body" --> Word Count (88)
UserId="45374" --> Word Count (218)
UserId="45617" --> Word Count (37)
UserId="45617" --> Word Count (9)
UserId="45617" --> Word Count (1)
UserId="42953" --> Word Count (144)
UserId="42953" --> Word Count (8)
UserId="42953" --> Word Count (1)
UserId="45507" --> Word Count (101)
UserId="45264" Comment="Made a few improvements for readability" --> Word Count (288)
UserId="45507" --> Word Count (80)
UserId="45507" --> Word Count (15)
UserId="45507" --> Word Count (1)
UserId="42953" Comment="added 740 characters in body" --> Word Count (311)
UserId="45545" --> Word Count (24)
UserId="836" --> Word Count (438)
UserId="836" Comment="added 485 characters in body" --> Word Count (529)
UserId="37822" --> Word Count (43)
UserId="45545" Comment="corrected spelling" --> Word Count (166)
UserId="28175" --> Word Count (3500)

UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="29575" Comment="Add Quotes" --> Word Count (118)
 UserId="29575" Comment="add link" --> Word Count (40)
 UserId="45507" Comment="deleted 1 character in body" --> Word Count (118)
 UserId="44190" --> Word Count (287)
 UserId="44190" --> Word Count (3)
 UserId="44190" --> Word Count (1)
 UserId="45507" Comment="Corrected typo 'constrain' -> 'constraint'; replaced
 'non-linearly separable' with 'not linearly separable' (the former might be read
 as 'separable by a non-linear function', which is not what the author wants to
 say)" --> Word Count (222)
 UserId="29575" Comment="Corrected typo 'constrain' -> 'constraint'; replaced
 'non-linearly separable' with 'not linearly separable' (the former might be read
 as 'separable by a non-linear function', which is not what the author wants to
 say)" --> Word Count (210)
 UserId="45507" --> Word Count (185)
 UserId="41149" --> Word Count (72)
 UserId="41149" --> Word Count (18)
 UserId="41149" --> Word Count (1)
 UserId="45627" --> Word Count (274)
 UserId="45627" --> Word Count (7)
 UserId="45627" --> Word Count (1)
 UserId="29575" Comment="Minor formatting; added 3 characters in body" --> Word
 Count (73)
 UserId="45507" --> Word Count (196)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (270)
 UserId="45631" --> Word Count (85)
 UserId="23240" --> Word Count (135)
 UserId="23240" --> Word Count (6)
 UserId="23240" --> Word Count (1)
 UserId="32199" --> Word Count (201)
 UserId="32199" --> Word Count (5)
 UserId="32199" --> Word Count (1)
 UserId="32199" Comment="added 5 characters in body" --> Word Count (201)
 UserId="44456" --> Word Count (43)
 UserId="23240" --> Word Count (112)
 UserId="45635" --> Word Count (121)
 UserId="15828" --> Word Count (76)
 UserId="15828" Comment="deleted 1 character in body" --> Word Count (77)
 UserId="45631" Comment="deleted 34 characters in body" --> Word Count (53)
 UserId="45643" --> Word Count (97)
 UserId="45643" --> Word Count (9)
 UserId="45643" --> Word Count (1)
 UserId="45643" Comment="added 258 characters in body" --> Word Count (141)
 UserId="29575" Comment="deleted 16 characters in body" --> Word Count (137)
 UserId="45643" Comment="added 14 characters in body" --> Word Count (139)
 UserId="45507" --> Word Count (296)
 UserId="45615" --> Word Count (187)

UserId="45651" --> Word Count (466)
 UserId="45651" --> Word Count (5)
 UserId="45651" --> Word Count (1)
 UserId="43077" --> Word Count (99)
 UserId="43077" --> Word Count (11)
 UserId="43077" --> Word Count (1)
 UserId="43077" --> Word Count (266)
 UserId="43077" Comment="added 132 characters in body" --> Word Count (324)
 UserId="43077" Comment="added 17 characters in body" --> Word Count (330)
 UserId="43077" Comment="added 396 characters in body" --> Word Count (159)
 UserId="45658" --> Word Count (63)
 UserId="45658" --> Word Count (8)
 UserId="45658" --> Word Count (1)
 UserId="44456" Comment="added 164 characters in body" --> Word Count (62)
 UserId="45602" --> Word Count (465)
 UserId="45602" --> Word Count (6)
 UserId="45602" --> Word Count (1)
 UserId="45663" --> Word Count (208)
 UserId="836" --> Word Count (410)
 UserId="42291" --> Word Count (202)
 UserId="42291" --> Word Count (11)
 UserId="42291" --> Word Count (1)
 UserId="39286" Comment="deleted 185 characters in body" --> Word Count (165)
 UserId="45675" --> Word Count (15)
 UserId="45675" --> Word Count (5)
 UserId="45675" --> Word Count (1)
 UserId="836" Comment="added 714 characters in body" --> Word Count (536)
 UserId="43455" --> Word Count (65)
 UserId="43455" --> Word Count (6)
 UserId="43455" --> Word Count (1)
 UserId="45679" --> Word Count (40)
 UserId="45679" --> Word Count (6)
 UserId="45679" --> Word Count (1)
 UserId="29575" Comment="Minor grammar" --> Word Count (43)
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sentences using variational auto encoder. The main obstacle I am facing is "how to input such large textual vectors into VAE (or say even in a simple auto encoder)". I know there are other techniques such as adding layers in the form of LSTMs, but I want to keep it simple and keep the model as just VAE. One way is to use one-hot-encoded vectors or bag of words, but again, this is not the most efficient way since for a vocabulary of 100K unique words, each document will have a 100K input vector. Additionally, we loose the sentence structure. For small datasets however, there is no problem in training an autoencoder using this type of input. Another method is to use word embeddings using a pre-trained Word2Vec. This is what I have been trying to do and the python notebook which can be [DOWNLOADED HERE] [1] uses this technique. The code is too long and has multiple pre-processing steps, so I am unable to embed this code in my post. The following are my questions:

- Now, each sentence (or document) will have different number of words. So the number of word embeddings for each document will have different lengths. Unfortunately, keras requires all the inputs to be of same length (if I am right). So, how to handle such cases of varying input lengths?. Currently, in the fifth block of the python notebook, you can see the statement ``data = [x for x in vect if len(x) == 10]``. That is, I only consider documents that have exactly 10 words to overcome this problem. Ofcourse, this is not practical. Can we pad 0 vectors?
- The VAE example shown in [Keras blog] [2] uses MNIST data as exmple. Therefore, they use a `*sigmoid activation*` in the final reconstruction layer; consequently, `"*binary_crossentropy"` as the loss function (along with the KL divergence). Since my inputs are word embeddings, where there are even negative values in the embeded vectors, I believe I should not use the activation as `"*sigmoid"` in the final reconstruction layer. Is that right?. Additionally, I have also changed the loss as `"*mean_squared_error"` instead of `"*binary_crossentropy"` in the attached code. It will be great if someone who has worked on VAE and autoencoders for text data can provide their inputs regarding the questions mentioned above.

Note: the attached code is a simplified version of the code in [THIS LINK] [3]

[1]: <https://www.dropbox.com/s/j2jhnvh0u4v4t8c/VAEText.ipynb?dl=0>

[2]: <https://blog.keras.io/building-autoencoders-in-keras.html>

[3]: <https://github.com/Toni-Antonova/VAE->

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 UserId="27108" --> Word Count (1)
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 UserId="45996" Comment="clarified my first attempt description" --> Word Count (271)
 UserId="27108" Comment="edited tags" --> Word Count (1)
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 UserId="40853" Comment="Improved Formatting" --> Word Count (595)
 UserId="27108" Comment="added 185 characters in body" --> Word Count (254)

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 UserId="45458" --> Word Count (1)
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 UserId="45999" Comment="added 16 characters in body" --> Word Count (36)
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 UserId="45458" Comment="edited indentation" --> Word Count (234)
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 UserId="17012" --> Word Count (66)
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 UserId="43367" Comment="added 377 characters in body" --> Word Count (219)
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 UserId="29575" Comment="Minor formatting / add tag" --> Word Count (81)

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 UserId="29575" Comment="Minor formatting / add tag" --> Word Count (1)
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 UserId="23240" --> Word Count (1)
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 UserId="46026" --> Word Count (21)
 UserId="46026" --> Word Count (1)
 UserId="45996" Comment="less wordy title" --> Word Count (7)
 UserId="17012" --> Word Count (115)
 UserId="36977" --> Word Count (47)
 UserId="836" --> Word Count (380)
 UserId="836" Comment="deleted 5 characters in body" --> Word Count (379)
 UserId="26297" --> Word Count (54)
 UserId="43077" Comment="added 24 characters in body" --> Word Count (198)
 UserId="46054" --> Word Count (96)
 UserId="46054" --> Word Count (11)
 UserId="46054" --> Word Count (1)
 UserId="46055" --> Word Count (107)
 UserId="46055" --> Word Count (8)
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 UserId="45907" --> Word Count (1)
 UserId="28175" --> Word Count (183)
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 UserId="28175" Comment="edited tags" --> Word Count (24)
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 UserId="28175" Comment="edited title" --> Word Count (5)
 UserId="45907" Comment="edited title" --> Word Count (7)
 UserId="45907" --> Word Count (19)
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 UserId="44680" --> Word Count (13)
 UserId="44680" --> Word Count (1)
 UserId="12496" --> Word Count (89)
 UserId="12496" --> Word Count (8)
 UserId="12496" --> Word Count (1)
 UserId="46065" --> Word Count (167)
 UserId="46065" --> Word Count (10)
 UserId="46065" --> Word Count (1)
 UserId="15828" --> Word Count (119)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (131)
 UserId="33603" --> Word Count (97)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (77)
 UserId="46068" --> Word Count (57)
 UserId="46068" --> Word Count (8)
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 UserId="29415" --> Word Count (20)

UserId="4683" --> Word Count (72)
 UserId="15828" --> Word Count (248)
 UserId="15828" --> Word Count (72)
 UserId="1330" --> Word Count (39)
 UserId="44114" --> Word Count (164)
 UserId="46082" --> Word Count (66)
 UserId="43077" Comment="added 32 characters in body" --> Word Count (219)
 UserId="8820" --> Word Count (91)
 UserId="8820" --> Word Count (9)
 UserId="8820" --> Word Count (1)
 UserId="6433" --> Word Count (49)
 UserId="6433" --> Word Count (11)
 UserId="6433" --> Word Count (1)
 UserId="44654" --> Word Count (191)
 UserId="44654" --> Word Count (9)
 UserId="44654" --> Word Count (1)
 UserId="4683" --> Word Count (49)
 UserId="843" --> Word Count (19)
 UserId="843" --> Word Count (8)
 UserId="843" --> Word Count (1)
 UserId="41886" --> Word Count (270)
 UserId="46089" --> Word Count (99)
 UserId="46089" --> Word Count (4)
 UserId="46089" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (97)
 UserId="843" Comment="edited title" --> Word Count (8)
 UserId="44114" Comment="added 14 characters in body" --> Word Count (166)
 UserId="27526" --> Word Count (116)
 UserId="27526" --> Word Count (14)
 UserId="27526" --> Word Count (1)
 UserId="28175" --> Word Count (172)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (117)
 UserId="44456" --> Word Count (8)
 UserId="29575" Comment="Other option" --> Word Count (16)
 UserId="44654" Comment="came up with a custom loss function" --> Word Count (269)
 UserId="25755" Comment="deleted 40 characters in body" --> Word Count (424)
 UserId="9253" Comment="fixed typo in title" --> Word Count (4)
 UserId="29575" Comment="fixed typo in title" Text=" --> Word Count (5)
 UserId="29575" Comment="fixed typo in title" --> Word Count (1)
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 UserId="2723" --> Word Count (14)
 UserId="2723" --> Word Count (1)

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 UserId="29575" Comment="Minor grammar" --> Word Count (180)
 UserId="2723" Comment="added 181 characters in body" --> Word Count (318)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="2723" Comment="added 601 characters in body" --> Word Count (398)
 UserId="2723" Comment="added 601 characters in body" --> Word Count (405)
 UserId="46107" --> Word Count (208)
 UserId="46107" --> Word Count (5)
 UserId="46107" --> Word Count (1)
 UserId="4683" Comment="deleted 8 characters in body" --> Word Count (49)
 UserId="32754" --> Word Count (152)
 UserId="32754" --> Word Count (6)
 UserId="32754" --> Word Count (1)
 UserId="45224" --> Word Count (898)
 UserId="45224" --> Word Count (6)
 UserId="45224" --> Word Count (1)
 UserId="8820" --> Word Count (51)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="45821" Comment="minor alignment changes" --> Word Count (239)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="43077" Comment="edited title" --> Word Count (7)
 UserId="43077" Comment="added 4 characters in body" --> Word Count (221)
 UserId="-1" Comment="102" --> Word Count (3)
 UserId="-1" Comment="104" --> Word Count (3)
 UserId="35528" --> Word Count (210)
 UserId="35528" --> Word Count (10)
 UserId="35528" --> Word Count (1)
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 UserId="26562" Comment="removed multiclass-classification tag" --> Word Count (1)
 UserId="45898" --> Word Count (68)
 UserId="45898" --> Word Count (15)
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 UserId="46120" --> Word Count (114)
 UserId="46120" --> Word Count (10)
 UserId="46120" --> Word Count (1)
 UserId="46123" --> Word Count (167)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (153)
 UserId="46123" Comment="further clarification and added a note" --> Word Count (248)
 UserId="40853" Comment="Improved Formatting" --> Word Count (121)
 UserId="46123" Comment="deleted 1 character in body" --> Word Count (248)
 UserId="46123" Comment="edited body" --> Word Count (248)
 UserId="15828" --> Word Count (110)
 UserId="15828" Comment="added 231 characters in body" --> Word Count (146)
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 UserId="46129" --> Word Count (1)
 UserId="46127" --> Word Count (54)
 UserId="46127" --> Word Count (3)
 UserId="46127" --> Word Count (1)
 UserId="46129" Comment="added 573 characters in body" --> Word Count (156)
 UserId="46129" Comment="added 1 character in body" --> Word Count (186)
 UserId="46132" --> Word Count (77)
 UserId="46132" --> Word Count (8)
 UserId="46132" --> Word Count (1)
 UserId="44101" --> Word Count (267)
 UserId="44101" --> Word Count (4)
 UserId="44101" --> Word Count (1)
 UserId="41460" --> Word Count (455)
 UserId="41460" --> Word Count (9)
 UserId="41460" --> Word Count (1)
 UserId="45901" Comment="deleted 77 characters in body" --> Word Count (232)
 UserId="15828" --> Word Count (282)
 UserId="15828" Comment="added 288 characters in body" --> Word Count (327)
 UserId="29587" --> Word Count (344)
 UserId="15828" Comment="added 288 characters in body" --> Word Count (401)
 UserId="15828" Comment="added 164 characters in body" --> Word Count (431)
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 UserId="45602" --> Word Count (8)
 UserId="45602" --> Word Count (1)
 UserId="44139" --> Word Count (48)
 UserId="43870" --> Word Count (75)
 UserId="43870" --> Word Count (7)
 UserId="43870" --> Word Count (1)
 UserId="-1" Comment="104" --> Word Count (3)
 UserId="15828" Comment="added 7 characters in body" --> Word Count (432)
 UserId="45507" --> Word Count (39)
 UserId="15828" --> Word Count (119)
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 UserId="45033" --> Word Count (102)
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 UserId="28175" --> Word Count (82)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="added 1 character in body" --> Word Count (102)

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 UserId="37422" --> Word Count (18)
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 UserId="46055" Comment="added 1196 characters in body" --> Word Count (289)
 UserId="15828" --> Word Count (192)
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 UserId="46055" Comment="added 50 characters in body" --> Word Count (296)
 UserId="46055" Comment="added 198 characters in body" --> Word Count (320)
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 UserId="46165" Text="Orange machine learning" --> Word Count (4)
 UserId="46165" --> Word Count (1)
 UserId="46164" --> Word Count (140)
 UserId="46164" --> Word Count (16)
 UserId="46164" --> Word Count (1)
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 UserId="46168" --> Word Count (27)
 UserId="46055" Comment="added 2 characters in body" --> Word Count (320)
 UserId="28175" Comment="added 94 characters in body" --> Word Count (227)
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 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="105" --> Word Count (3)
 UserId="21" Comment="102" --> Word Count (3)
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 UserId="42774" --> Word Count (1)
 UserId="44477" --> Word Count (299)
 UserId="44477" --> Word Count (7)
 UserId="44477" --> Word Count (1)
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 UserId="29575" Comment="Fixed typos and layout" --> Word Count (104)
 UserId="33364" --> Word Count (63)
 UserId="46186" --> Word Count (123)
 UserId="40853" Comment="Improved Formatting" --> Word Count (122)
 UserId="29587" --> Word Count (616)
 UserId="28175" --> Word Count (68)
 UserId="46190" --> Word Count (128)
 UserId="46190" --> Word Count (6)
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UserId="15828" --> Word Count (239)
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 UserId="15828" Comment="fixed misleading title" --> Word Count (10)
 UserId="15828" Comment="added 8 characters in body" --> Word Count (303)
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 UserId="1029" --> Word Count (100)
 UserId="15828" Comment="added 2 characters in body" --> Word Count (303)
 UserId="15828" Comment="deleted 4 characters in body" --> Word Count (302)
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 UserId="46201" --> Word Count (1)
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 UserId="25635" --> Word Count (12)
 UserId="29587" Comment="added 5 characters in body" --> Word Count (14)
 UserId="25635" Comment="added 77 characters in body" --> Word Count (30)
 UserId="28175" Comment="added 2 characters in body" --> Word Count (27)
 UserId="41807" --> Word Count (107)
 UserId="41807" --> Word Count (8)
 UserId="41807" --> Word Count (1)
 UserId="26394" Comment="redundant text removed." --> Word Count (105)
 UserId="29575" Comment="redundant text removed." --> Word Count (83)
 UserId="28937" Comment="added 598 characters in body" --> Word Count (223)
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 UserId="28175" Comment="added 335 characters in body" --> Word Count (253)
 UserId="28175" Comment="added 2 characters in body; edited tags" --> Word Count (82)
 UserId="28175" Comment="added 2 characters in body; edited tags" --> Word Count (1)
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 UserId="26202" --> Word Count (235)
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 UserId="33759" --> Word Count (127)
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 UserId="46219" --> Word Count (6)
 UserId="46219" --> Word Count (1)
 UserId="15828" --> Word Count (41)
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 UserId="46231" --> Word Count (205)

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 UserId="46231" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (77)
 UserId="41460" --> Word Count (250)
 UserId="33364" --> Word Count (34)
 UserId="28175" --> Word Count (75)
 UserId="28175" Comment="added 2 characters in body; edited tags" --> Word Count (217)
 UserId="28175" Comment="added 2 characters in body; edited tags" --> Word Count (1)
 UserId="43455" --> Word Count (125)
 UserId="43455" --> Word Count (4)
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 UserId="45336" --> Word Count (45)
 UserId="45336" --> Word Count (11)
 UserId="45336" --> Word Count (1)
 UserId="28175" --> Word Count (61)
 UserId="28175" Comment="deleted 1 character in body; edited tags; edited title" --> Word Count (42)
 UserId="28175" Comment="deleted 1 character in body; edited tags; edited title" --> Word Count (11)
 UserId="28175" Comment="deleted 1 character in body; edited tags; edited title" --> Word Count (1)
 UserId="45603" --> Word Count (157)
 UserId="45603" --> Word Count (9)
 UserId="45603" --> Word Count (1)
 UserId="45603" Comment="Re-framed the question to highlight the actual doubt" --> Word Count (9)
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 UserId="45603" --> Word Count (208)
 UserId="29587" --> Word Count (587)
 UserId="38887" Comment="added 207 characters in body" --> Word Count (88)
 UserId="29587" --> Word Count (166)
 UserId="45615" Comment="added 1427 characters in body" --> Word Count (227)
 UserId="45945" --> Word Count (443)
 UserId="10076" --> Word Count (57)
 UserId="45545" --> Word Count (117)
 UserId="924" Comment="added 79 characters in body; added 6 characters in body; added 2 characters in body" --> Word Count (346)
 UserId="14519" --> Word Count (734)
 UserId="14519" Comment="added 38 characters in body" --> Word Count (740)
 UserId="10076" Comment="Added the link to documentaiton" --> Word Count (64)
 UserId="4683" --> Word Count (620)
 UserId="45545" Comment="added more details" --> Word Count (145)
 UserId="4683" Comment="added 779 characters in body" --> Word Count (766)
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 UserId="37822" --> Word Count (124)
 UserId="46143" Comment="added 1117 characters in body" --> Word Count (558)
 UserId="42417" --> Word Count (173)
 UserId="42417" Comment="via Vote" --> Word Count (1)
 UserId="42417" --> Word Count (1)
 UserId="31434" --> Word Count (209)
 UserId="46259" --> Word Count (80)
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 UserId="46258" --> Word Count (143)
 UserId="46258" --> Word Count (22)
 UserId="46258" --> Word Count (1)
 UserId="28175" --> Word Count (71)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (143)
 UserId="28175" --> Word Count (47)
 UserId="28175" Comment="added 134 characters in body" --> Word Count (68)
 UserId="42417" --> Word Count (102)
 UserId="14904" --> Word Count (105)
 UserId="37822" Comment="added 1034 characters in body" --> Word Count (279)
 UserId="43077" Comment="added 455 characters in body" --> Word Count (304)
 UserId="43077" Comment="added 4 characters in body" --> Word Count (308)
 UserId="31434" Comment="responded to comment" --> Word Count (311)
 UserId="46272" --> Word Count (92)
 UserId="42417" Comment="added 377 characters in body" --> Word Count (256)
 UserId="46279" --> Word Count (83)
 UserId="37736" Comment="added 35 characters in body" --> Word Count (607)
 UserId="29575" Comment="Minor formatting" --> Word Count (83)
 UserId="46283" --> Word Count (2377)
 UserId="46283" --> Word Count (9)
 UserId="46283" --> Word Count (1)
 UserId="44394" --> Word Count (124)
 UserId="44394" --> Word Count (8)
 UserId="44394" --> Word Count (1)
 UserId="46283" Comment="Added a code example how it can work, but I'm sure there is an easier way to do this in Pandas." --> Word Count (2635)
 UserId="26243" --> Word Count (205)
 UserId="14372" Comment="Improved formatting" --> Word Count (80)
 UserId="34033" --> Word Count (436)
 UserId="34033" --> Word Count (6)

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 UserId="34033" Comment="edited title" --> Word Count (11)
 UserId="46230" --> Word Count (60)
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 UserId="34033" --> Word Count (42)
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 UserId="34138" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (308)
 UserId="4683" --> Word Count (137)
 UserId="46289" --> Word Count (157)
 UserId="46289" --> Word Count (7)
 UserId="46289" --> Word Count (1)
 UserId="4683" Comment="edited body" --> Word Count (137)
 UserId="43077" Comment="added 42 characters in body" --> Word Count (317)
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 UserId="46288" --> Word Count (7)
 UserId="46288" --> Word Count (1)
 UserId="43870" --> Word Count (56)
 UserId="28054" --> Word Count (93)
 UserId="28054" Comment="add images" --> Word Count (104)
 UserId="46301" --> Word Count (521)
 UserId="46301" --> Word Count (16)
 UserId="46301" --> Word Count (1)
 UserId="45507" --> Word Count (414)
 UserId="46302" --> Word Count (174)
 UserId="26202" Comment="added 91 characters in body" --> Word Count (223)
 UserId="26202" Comment="added 2531 characters in body" --> Word Count (1249)
 UserId="45507" --> Word Count (59)
 UserId="45726" --> Word Count (171)
 UserId="45726" Comment="Sorry for editting your answer. I can not comment due to the lack of reputations." --> Word Count (487)
 UserId="836" Comment="Import suggested paper reference suggested by @TQA" --> Word Count (466)
 UserId="46305" --> Word Count (316)
 UserId="46305" --> Word Count (17)
 UserId="46305" --> Word Count (1)
 UserId="46305" Comment="edited title" --> Word Count (12)
 UserId="8878" --> Word Count (155)
 UserId="46308" --> Word Count (52)
 UserId="46308" --> Word Count (4)
 UserId="46308" --> Word Count (1)
 UserId="46309" --> Word Count (326)
 UserId="46309" --> Word Count (10)
 UserId="46309" --> Word Count (1)
 UserId="14904" Comment="added 664 characters in body" --> Word Count (214)
 UserId="29575" Comment="Minor grammar" --> Word Count (173)

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 UserId="18641" --> Word Count (11)
 UserId="45507" Comment="added 38 characters in body" --> Word Count (157)
 UserId="45726" --> Word Count (212)
 UserId="46307" --> Word Count (633)
 UserId="46307" --> Word Count (8)
 UserId="46307" --> Word Count (1)
 UserId="31935" --> Word Count (52)
 UserId="31935" --> Word Count (8)
 UserId="31935" --> Word Count (1)
 UserId="46317" Text="I am trying to run Tensorflow for image recognition (classification) in Java (JSE not Android).

I am using the code from,
https://github.com/emara-geek/object-recognition-tensorflow/blob/master/src/main/java/com/emaraic/ObjectRecognition/Recognizer.java

(another example)
https://github.com/tensorflow/tensorflow/blob/master/tensorflow/java/src/main/java/org/tensorflow/examples/LabelImage.java

It works for Inceptionv3 models, and for models retrained from Inceptionv3.

But for MobileNet models it does not work, (such as following this article) https://codelabs.developers.google.com/codelabs/tensorflow-for-poets/

The code works, but gives the wrong results (wrong classify labels). What code/settings are required to use MobileNet from Java?

The code that works for Inceptionv3 is

 try (Tensor image = Tensor.create(imageBytes)) {
 float[] labelProbabilities = executeInceptionGraph(graphDef, image);
 int bestLabelIdx = maxIndex(labelProbabilities);
 result.setText(""");
 result.set --> Word Count (646)
 UserId="46317" --> Word Count (5)
 UserId="46317" --> Word Count (1)
 UserId="29575" Comment="Format link" Text="I am trying to run Tensorflow for image recognition (classification) in Java (JSE not Android).

I am using the code from [here] (https://github.com/emara-geek/object-recognition-tensorflow/blob/master/src/main/java/com/emaraic/ObjectRecognition/Recognizer.java), and [here] (https://github.com/tensorflow/tensorflow/blob/master/tensorflow/java/src/main/java/org/tensorflow/examples/LabelImage.java).

It works for Inceptionv3 models, and for models retrained from Inceptionv3.

But for MobileNet models it does not work, (such as following this [article] (https://codelabs.developers.google.com/codelabs/tensorflow-for-poets/)).

The code works, but gives the wrong results (wrong classify labels). What code/settings are required to use MobileNet from Java?

The code that works for Inceptionv3 is

 try (Tensor image = Tensor.create(imageBytes))

```

{&#xD;&#xA;                float[] labelProbabilities =
executeInceptionGraph(graphDef, image);&#xD;&#xA;                int
bestLabelIdx = maxIndex(labelProbabilities);&#xD;&#xA;
result.setText(&quot;&quot;);&#xD;&#xA;                result.set --> Word Count
(646)
UserId="29575" Comment="Remove extra commentary" --> Word Count (629)
UserId="-1" Comment="102" --> Word Count (3)
UserId="46307" Comment="added 435 characters in body" --> Word Count (787)
UserId="46319" --> Word Count (178)
UserId="46319" --> Word Count (15)
UserId="46319" --> Word Count (1)
UserId="46319" Comment="added 9 characters in body" --> Word Count (180)
UserId="46319" Comment="added 9 characters in body" --> Word Count (17)
UserId="31434" --> Word Count (88)
UserId="31434" --> Word Count (5)
UserId="31434" --> Word Count (1)
UserId="29575" Comment="Remove extra commentary" --> Word Count (163)
UserId="46327" --> Word Count (162)
UserId="46327" --> Word Count (7)
UserId="46327" --> Word Count (1)
UserId="43077" --> Word Count (218)
UserId="43077" --> Word Count (6)
UserId="43077" --> Word Count (1)
UserId="43077" Comment="added 576 characters in body" --> Word Count (249)
UserId="23240" --> Word Count (166)
UserId="27432" --> Word Count (116)
UserId="46327" Comment="Added further info" --> Word Count (297)
UserId="31935" Comment="edited tags" --> Word Count (1)
UserId="46327" Comment="added 371 characters in body" --> Word Count (367)
UserId="23240" --> Word Count (187)
UserId="46288" Comment="added 528 characters in body" --> Word Count (371)
UserId="46334" --> Word Count (24)
UserId="46334" --> Word Count (11)
UserId="46334" --> Word Count (1)
UserId="46288" Comment="added 528 characters in body" --> Word Count (370)
UserId="24593" --> Word Count (25)
UserId="38520" --> Word Count (194)
UserId="38520" --> Word Count (13)
UserId="38520" --> Word Count (1)
UserId="38520" Comment="edited body" --> Word Count (194)
UserId="33759" --> Word Count (79)
UserId="38520" Comment="deleted 1 character in body" --> Word Count (194)
UserId="33202" --> Word Count (519)
UserId="38520" Comment="deleted 1 character in body" --> Word Count (198)
UserId="38520" Comment="deleted 1 character in body" --> Word Count (14)
UserId="38520" Comment="added 7 characters in body" --> Word Count (198)
UserId="46349" --> Word Count (95)
UserId="33202" --> Word Count (667)

```


UserId="29575" Comment="Format Link" --> Word Count (97)
 UserId="33202" --> Word Count (64)
 UserId="46348" --> Word Count (357)
 UserId="46348" --> Word Count (4)
 UserId="46348" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (347)
 UserId="43077" Comment="deleted 4 characters in body" --> Word Count (249)
 UserId="45507" --> Word Count (117)
 UserId="46356" --> Word Count (837)
 UserId="46356" --> Word Count (7)
 UserId="46356" --> Word Count (1)
 UserId="45726" --> Word Count (252)
 UserId="25139" --> Word Count (335)
 UserId="25139" --> Word Count (8)
 UserId="25139" --> Word Count (1)
 UserId="8878" Text="Nice question!

Some Remarks
 ##
For imbalanced data you have different approaches. Most well-
 stablished one is [resampling][1] (Oversampling small classes /underssampling
 large classes). The other one is to make your classification hierarchical i.e.
 classify large classes against all others and then classify small classes in
 second step (classifiers are not supposed to be the same. Try model selection
 strategies to find the best).

Practical Answer
 ##

I have got acceptable results without resampling the data!
 So try it but later improve it using resampling methods (statistically they are
 kind of A MUST).

TFIDF is good for such problem. Classifiers
 should be selected through model selection but my experience shows that Logistic
 Regression and Random Forest work well on this specific problem (however it's
 just a practical experience).

You may follow the code bellow
 as it worked simply well then you may try modifying it to improve your
 results:


 train = pd.read_csv(...)

 test = pd.read_csv(...) 
 
 # TFIDF Bag Of Words
 Model For --> Word Count (233)
 UserId="28175" --> Word Count (184)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (335)
 UserId="8878" Comment="conver o to 0 :D" Text="Nice
 question!

Some Remarks ##
For imbalanced data you
 have different approaches. Most well-stablished one is [resampling][1]
 (Oversampling small classes /underssampling large classes). The other one is to
 make your classification hierarchical i.e. classify large classes against all
 others and then classify small classes in second step (classifiers are not
 supposed to be the same. Try model selection strategies to find the
 best).

Practical Answer ##

I have got
 acceptable results without resampling the data! So try it but later improve it
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 MUST).

TFIDF is good for such problem. Classifiers should be
 selected through model selection but my experience shows that Logistic
 Regression and Random Forest work well on this specific problem (however it's

```

just a practical experience).&#xD;&#xA;&#xD;&#xA;You may follow the code bellow
as it worked simply well then you may try modifying it to improve your
results:&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;    train = pd.read_csv(...)&#xD;&#xA;
test = pd.read_csv(...)    &#xD;&#xA;    &#xD;&#xA;    # TFIDF Bag Of Words
Model For --> Word Count (233)
UserId="17484" --> Word Count (62)
UserId="17484" --> Word Count (10)
UserId="17484" --> Word Count (1)
UserId="45898" --> Word Count (273)
UserId="45898" --> Word Count (14)
UserId="45898" --> Word Count (1)
UserId="45507" Comment="Fixed typos, improved formatting" --> Word Count (1492)
UserId="29575" Comment="Format list" --> Word Count (1466)
UserId="46371" --> Word Count (39)
UserId="46371" --> Word Count (10)
UserId="46371" --> Word Count (1)
UserId="28175" --> Word Count (84)
UserId="28175" Comment="edited tags" --> Word Count (1)
UserId="35817" --> Word Count (67)
UserId="28175" Comment="added 9 characters in body" --> Word Count (86)
UserId="46375" --> Word Count (74)
UserId="46375" --> Word Count (2)
UserId="46375" --> Word Count (1)
UserId="45507" --> Word Count (207)
UserId="46374" --> Word Count (48)
UserId="46374" --> Word Count (12)
UserId="46374" --> Word Count (1)
UserId="28175" Comment="edited title" --> Word Count (13)
UserId="46375" Comment="added 14 characters in body" --> Word Count (74)
UserId="45507" --> Word Count (130)
UserId="33202" Comment="deleted 28 characters in body" --> Word Count (59)
UserId="45507" Comment="added 2 characters in body" --> Word Count (130)
UserId="44394" --> Word Count (109)
UserId="44394" --> Word Count (13)
UserId="44394" --> Word Count (1)
UserId="46277" --> Word Count (280)
UserId="44394" --> Word Count (291)
UserId="44394" --> Word Count (7)
UserId="44394" --> Word Count (1)
UserId="46375" --> Word Count (58)
UserId="46375" --> Word Count (4)
UserId="46375" --> Word Count (1)
UserId="46384" --> Word Count (181)
UserId="46384" --> Word Count (10)
UserId="46384" --> Word Count (1)
UserId="28611" Comment="bit more explanation of alpha" --> Word Count (356)
UserId="28611" Comment="derivation of Q formula for stochastic case" --> Word
Count (365)

```

UserId="46317" --> Word Count (70)
 UserId="46317" --> Word Count (11)
 UserId="46317" --> Word Count (1)
 UserId="46384" Comment="added 122 characters in body" --> Word Count (186)
 UserId="46384" Comment="added 122 characters in body" --> Word Count (127)
 UserId="46384" Comment="added 122 characters in body" --> Word Count (11)
 UserId="46282" --> Word Count (27)
 UserId="41639" Comment="Fixed link, included missing instructions from link" --> Word Count (145)
 UserId="46396" --> Word Count (282)
 UserId="46396" --> Word Count (9)
 UserId="46396" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (274)
 UserId="-1" Comment="104" --> Word Count (4)
 UserId="28175" --> Word Count (68)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="46402" --> Word Count (437)
 UserId="46402" --> Word Count (6)
 UserId="46402" --> Word Count (1)
 UserId="836" --> Word Count (265)
 UserId="46407" --> Word Count (137)
 UserId="46407" --> Word Count (6)
 UserId="46407" --> Word Count (1)
 UserId="13515" --> Word Count (422)
 UserId="13515" --> Word Count (6)
 UserId="13515" --> Word Count (1)
 UserId="28175" --> Word Count (68)
 UserId="44114" --> Word Count (111)
 UserId="28175" Comment="added 606 characters in body" --> Word Count (176)
 UserId="29134" --> Word Count (213)
 UserId="-1" Comment="104" --> Word Count (4)
 UserId="43077" Comment="edited body" --> Word Count (249)
 UserId="41204" --> Word Count (259)
 UserId="41204" --> Word Count (8)
 UserId="41204" --> Word Count (1)
 UserId="46424" --> Word Count (73)
 UserId="46424" --> Word Count (7)
 UserId="46424" --> Word Count (1)
 UserId="41266" --> Word Count (100)
 UserId="41266" --> Word Count (11)
 UserId="41266" --> Word Count (1)
 UserId="35541" --> Word Count (40)
 UserId="33738" Comment="added 43 characters in body" --> Word Count (189)
 UserId="32121" --> Word Count (65)
 UserId="46426" --> Word Count (182)
 UserId="46426" --> Word Count (5)
 UserId="46426" --> Word Count (1)
 UserId="41266" Comment="added 2 characters in body" --> Word Count (100)

UserId="46429" --> Word Count (137)
 UserId="46429" --> Word Count (12)
 UserId="46429" --> Word Count (1)
 UserId="45507" Comment="added 4 characters in body" --> Word Count (130)
 UserId="4683" --> Word Count (33)
 UserId="-1" Comment="104" --> Word Count (3)
 UserId="45507" Comment="Replaced image of formula with MathJax formula" -->
 Word Count (143)
 UserId="46104" --> Word Count (590)
 UserId="46104" --> Word Count (8)
 UserId="46104" --> Word Count (1)
 UserId="46104" Comment="added 57 characters in body" --> Word Count (622)
 UserId="46431" --> Word Count (205)
 UserId="46431" --> Word Count (11)
 UserId="46431" --> Word Count (1)
 UserId="-1" Comment="102" --> Word Count (4)
 UserId="18434" --> Word Count (126)
 UserId="18434" --> Word Count (131)
 UserId="17484" Comment="added 255 characters in body" --> Word Count (119)
 UserId="17484" Comment="added 133 characters in body" --> Word Count (137)
 UserId="17484" Comment="added 133 characters in body" --> Word Count (11)
 UserId="45507" --> Word Count (32)
 UserId="45271" --> Word Count (29)
 UserId="45271" --> Word Count (14)
 UserId="45271" --> Word Count (1)
 UserId="21" Comment="104" --> Word Count (4)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="103" --> Word Count (4)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="21" Comment="103" --> Word Count (5)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="45271" Comment="added 52 characters in body" --> Word Count (31)
 UserId="46439" --> Word Count (83)
 UserId="46439" --> Word Count (9)
 UserId="46439" --> Word Count (1)
 UserId="15828" --> Word Count (57)
 UserId="15828" Comment="added 64 characters in body" --> Word Count (68)
 UserId="42205" --> Word Count (122)
 UserId="42205" --> Word Count (9)
 UserId="42205" --> Word Count (1)
 UserId="46375" --> Word Count (91)
 UserId="46375" --> Word Count (6)
 UserId="46375" --> Word Count (1)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (122)
 UserId="45494" --> Word Count (58)
 UserId="45494" --> Word Count (2)
 UserId="45494" --> Word Count (1)

UserId="82" --> Word Count (58)
 UserId="82" --> Word Count (13)
 UserId="82" --> Word Count (1)
 UserId="38892" --> Word Count (64)
 UserId="28175" --> Word Count (61)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="38892" Comment="added 145 characters in body" --> Word Count (99)
 UserId="28175" Comment=" " --> Word Count (158)
 UserId="28175" Comment=" " --> Word Count (219)
 UserId="43559" --> Word Count (14)
 UserId="43559" --> Word Count (4)
 UserId="43559" --> Word Count (1)
 UserId="28175" Comment="added 2 characters in body" --> Word Count (60)
 UserId="28175" Comment=" " --> Word Count (227)
 UserId="28175" Comment="added 2 characters in body" --> Word Count (5)
 UserId="15828" Comment="deleted 7 characters in body" --> Word Count (65)
 UserId="35544" --> Word Count (58)
 UserId="35544" --> Word Count (9)
 UserId="35544" --> Word Count (1)
 UserId="35544" Comment="added 358 characters in body" --> Word Count (104)
 UserId="15828" --> Word Count (11)
 UserId="46449" --> Word Count (158)
 UserId="46449" --> Word Count (23)
 UserId="46449" --> Word Count (1)
 UserId="28175" --> Word Count (334)
 UserId="28175" Comment="edited tags; edited title" --> Word Count (9)
 UserId="28175" Comment="edited tags; edited title" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="38892" --> Word Count (87)
 UserId="38892" Comment="latex formatting, in particular, making θ and Θ notation consistent." --> Word Count (265)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (267)
 UserId="18434" --> Word Count (121)
 UserId="46451" --> Word Count (24)
 UserId="46451" --> Word Count (4)
 UserId="46451" --> Word Count (1)
 UserId="38892" --> Word Count (232)
 UserId="35544" Comment="edited title" --> Word Count (11)
 UserId="924" --> Word Count (52)
 UserId="38892" Comment="added 42 characters in body" --> Word Count (240)
 UserId="8013" --> Word Count (42)
 UserId="8013" --> Word Count (15)
 UserId="8013" --> Word Count (1)
 UserId="35544" Comment="Corrected code" --> Word Count (233)
 UserId="28175" Comment="added 153 characters in body" --> Word Count (257)
 UserId="28175" Comment="added 769 characters in body" --> Word Count (386)
 UserId="46433" --> Word Count (327)
 UserId="46433" --> Word Count (17)

UserId="46433" --> Word Count (1)
 UserId="38892" --> Word Count (24)
 UserId="41266" Comment="updated question." --> Word Count (106)
 UserId="46465" --> Word Count (64)
 UserId="11097" Comment="deleted 2 characters in body" --> Word Count (68)
 UserId="924" --> Word Count (78)
 UserId="46284" --> Word Count (1842)
 UserId="46284" --> Word Count (5)
 UserId="46284" --> Word Count (1)
 UserId="46471" --> Word Count (295)
 UserId="46471" --> Word Count (6)
 UserId="46471" --> Word Count (1)
 UserId="46472" --> Word Count (45)
 UserId="46472" --> Word Count (7)
 UserId="46472" --> Word Count (1)
 UserId="17484" Comment="added 358 characters in body" --> Word Count (173)
 UserId="46472" Comment="Added any other tools." --> Word Count (49)
 UserId="46478" --> Word Count (9)
 UserId="44701" --> Word Count (68)
 UserId="44701" --> Word Count (6)
 UserId="44701" --> Word Count (1)
 UserId="46356" Comment="VotingClassifier using pipeline" --> Word Count (1617)
 UserId="29134" --> Word Count (64)
 UserId="-1" Comment="102" --> Word Count (2)
 UserId="46487" --> Word Count (134)
 UserId="46487" --> Word Count (8)
 UserId="46487" --> Word Count (1)
 UserId="46488" --> Word Count (533)
 UserId="46488" --> Word Count (8)
 UserId="46488" --> Word Count (1)
 UserId="44456" --> Word Count (196)
 UserId="46490" --> Word Count (274)
 UserId="46490" --> Word Count (4)
 UserId="46490" --> Word Count (1)
 UserId="44456" Comment="added 8 characters in body" --> Word Count (197)
 UserId="46493" --> Word Count (196)
 UserId="46493" --> Word Count (17)
 UserId="46493" --> Word Count (1)
 UserId="27665" --> Word Count (100)
 UserId="-1" Comment="101" --> Word Count (3)
 UserId="46501" --> Word Count (96)
 UserId="46501" --> Word Count (8)
 UserId="46501" --> Word Count (1)
 UserId="41204" --> Word Count (207)
 UserId="46504" --> Word Count (103)
 --> Word Count (10)
 UserId="46504" --> Word Count (1)
 UserId="44477" --> Word Count (121)

UserId="44477" --> Word Count (10)
 UserId="44477" --> Word Count (1)
 UserId="46509" --> Word Count (689)
 UserId="46509" --> Word Count (11)
 UserId="46509" --> Word Count (1)
 UserId="43958" --> Word Count (61)
 UserId="43958" --> Word Count (5)
 UserId="43958" --> Word Count (1)
 UserId="43958" Comment="edited tags" --> Word Count (1)
 UserId="29587" --> Word Count (29)
 UserId="15902" --> Word Count (176)
 UserId="15902" --> Word Count (6)
 UserId="15902" --> Word Count (1)
 UserId="29587" Comment="deleted 1 character in body" --> Word Count (29)
 UserId="45458" Comment="Edit Title to be concise" --> Word Count (4)
 UserId="12515" --> Word Count (158)
 UserId="12515" --> Word Count (6)
 UserId="12515" --> Word Count (1)
 UserId="36977" --> Word Count (87)
 UserId="11097" --> Word Count (189)
 UserId="44456" Comment="deleted 30 characters in body" --> Word Count (192)
 UserId="27432" --> Word Count (210)
 UserId="27432" --> Word Count (38)
 UserId="29134" --> Word Count (369)
 UserId="46396" --> Word Count (458)
 UserId="27432" Comment="edited body" --> Word Count (210)
 UserId="46522" --> Word Count (47)
 UserId="46522" --> Word Count (4)
 UserId="46522" --> Word Count (1)
 UserId="45374" --> Word Count (144)
 UserId="45374" --> Word Count (34)
 UserId="45507" --> Word Count (144)
 UserId="27432" --> Word Count (7)
 UserId="27432" --> Word Count (96)
 UserId="46527" --> Word Count (19)
 UserId="27432" --> Word Count (30)
 UserId="44865" --> Word Count (57)
 UserId="44865" --> Word Count (5)
 UserId="44865" --> Word Count (1)
 UserId="46433" --> Word Count (35)
 UserId="46433" --> Word Count (6)
 UserId="46433" --> Word Count (1)
 UserId="45336" --> Word Count (56)
 UserId="45336" --> Word Count (10)
 UserId="45336" --> Word Count (1)
 UserId="27432" --> Word Count (36)
 UserId="27432" Comment="added 213 characters in body" --> Word Count (68)
 UserId="28175" --> Word Count (158)

UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="45610" --> Word Count (463)
 UserId="45610" --> Word Count (8)
 UserId="45610" --> Word Count (1)
 UserId="27432" --> Word Count (93)
 UserId="46527" --> Word Count (50)
 UserId="27432" Comment="added 49 characters in body" --> Word Count (101)
 UserId="27432" Comment="Added the obvious computer vision tag to attract more CV-savvy people" --> Word Count (1)
 UserId="27432" Comment="added 3 characters in body" --> Word Count (101)
 UserId="-1" Comment="Code tags should not be used for anything but code." --> Word Count (158)
 UserId="29575" Comment="Code tags should not be used for anything but code." --> Word Count (158)
 UserId="46527" --> Word Count (6)
 UserId="8878" Comment="Correcting pipeline code in question" --> Word Count (1515)
 UserId="46293" --> Word Count (183)
 UserId="27432" Comment="Cleaned up the title, added decision trees as a tag" --> Word Count (7)
 UserId="27432" Comment="Cleaned up the title, added decision trees as a tag" --> Word Count (1)
 UserId="29575" Comment="Cleaned up the title, added decision trees as a tag; trademark capitalization; grammar." --> Word Count (34)
 UserId="46527" Comment="added 105 characters in body" --> Word Count (11)
 UserId="29575" Comment="Minor formatting" --> Word Count (53)
 UserId="11097" Comment="added 45 characters in body" --> Word Count (195)
 UserId="29575" Comment="indent code so shows correctly" --> Word Count (50)
 UserId="31434" --> Word Count (199)
 UserId="31434" --> Word Count (6)
 UserId="31434" --> Word Count (1)
 UserId="46538" --> Word Count (253)
 UserId="46538" --> Word Count (7)
 UserId="46538" --> Word Count (1)
 UserId="46542" --> Word Count (60)
 UserId="30472" --> Word Count (682)
 UserId="30472" Comment="added 175 characters in body" --> Word Count (712)
 UserId="46055" --> Word Count (344)
 UserId="46055" --> Word Count (7)
 UserId="46055" --> Word Count (1)
 UserId="46538" Comment="added 207 characters in body" --> Word Count (294)
 UserId="35817" --> Word Count (129)
 UserId="46055" Comment="added 603 characters in body" --> Word Count (378)
 UserId="30472" --> Word Count (305)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (60)
 UserId="46543" --> Word Count (42)
 UserId="46543" --> Word Count (19)
 UserId="46543" --> Word Count (1)

UserId="30613" --> Word Count (241)
 UserId="30613" --> Word Count (6)
 UserId="30613" --> Word Count (1)
 UserId="35817" Comment="Extra notes" --> Word Count (203)
 UserId="46543" Comment="added 144 characters in body" --> Word Count (70)
 UserId="32860" --> Word Count (76)
 UserId="45610" Comment="added 60 characters in body" --> Word Count (475)
 UserId="46545" --> Word Count (40)
 UserId="46545" --> Word Count (6)
 UserId="46545" --> Word Count (1)
 UserId="29134" --> Word Count (90)
 UserId="30472" --> Word Count (270)
 UserId="15828" --> Word Count (238)
 UserId="30472" --> Word Count (76)
 UserId="30472" --> Word Count (110)
 UserId="14372" --> Word Count (80)
 UserId="14372" --> Word Count (3)
 UserId="14372" --> Word Count (1)
 UserId="38271" --> Word Count (81)
 UserId="38271" --> Word Count (83)
 UserId="38271" --> Word Count (114)
 UserId="38271" --> Word Count (10)
 UserId="38271" --> Word Count (1)
 UserId="40051" --> Word Count (733)
 UserId="40051" --> Word Count (4)
 UserId="40051" --> Word Count (1)
 UserId="40051" Comment="added 159 characters in body" --> Word Count (766)
 UserId="381" Comment="added 74 characters in body" --> Word Count (454)
 UserId="45494" --> Word Count (107)
 UserId="45494" Comment="added 26 characters in body" --> Word Count (112)
 UserId="8005" --> Word Count (156)
 UserId="23240" --> Word Count (251)
 UserId="41344" --> Word Count (167)
 UserId="41344" --> Word Count (5)
 UserId="41344" --> Word Count (1)
 UserId="45898" --> Word Count (94)
 UserId="45898" --> Word Count (10)
 UserId="45898" --> Word Count (1)
 UserId="46527" --> Word Count (17)
 UserId="46546" --> Word Count (132)
 UserId="27432" --> Word Count (213)
 UserId="27432" Comment="added 2 characters in body" --> Word Count (101)
 UserId="20372" --> Word Count (164)
 UserId="20372" --> Word Count (8)
 UserId="20372" --> Word Count (1)
 UserId="20372" --> Word Count (211)
 UserId="27665" --> Word Count (62)
 UserId="23240" --> Word Count (69)

UserId="23240" --> Word Count (9)
 UserId="23240" --> Word Count (1)
 UserId="46567" --> Word Count (23)
 UserId="46567" --> Word Count (13)
 UserId="46567" --> Word Count (1)
 UserId="17636" --> Word Count (372)
 UserId="17636" --> Word Count (14)
 UserId="17636" --> Word Count (1)
 UserId="46546" Comment="Edited question to improve formatting" --> Word Count (114)
 UserId="46573" --> Word Count (187)
 UserId="45262" --> Word Count (60)
 UserId="45262" --> Word Count (6)
 UserId="45262" --> Word Count (1)
 UserId="13736" --> Word Count (35)
 UserId="13736" --> Word Count (5)
 UserId="13736" --> Word Count (1)
 UserId="13736" Comment="edited title" --> Word Count (4)
 UserId="29587" --> Word Count (269)
 UserId="9191" Comment="ask the question more explicitly" --> Word Count (59)
 UserId="3070" --> Word Count (87)
 UserId="46579" --> Word Count (49)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (47)
 UserId="44456" --> Word Count (150)
 UserId="46587" --> Word Count (418)
 UserId="924" --> Word Count (94)
 UserId="924" Comment="deleted 9 characters in body; edited tags" --> Word Count (295)
 UserId="924" Comment="deleted 9 characters in body; edited tags" --> Word Count (1)
 UserId="46590" --> Word Count (1672)
 UserId="46590" --> Word Count (13)
 UserId="46590" --> Word Count (1)
 UserId="46590" Comment="edited body" --> Word Count (1672)
 UserId="46535" --> Word Count (319)
 UserId="46535" --> Word Count (7)
 UserId="46535" --> Word Count (1)
 UserId="46293" --> Word Count (72)
 UserId="46293" --> Word Count (8)
 UserId="46293" --> Word Count (1)
 UserId="23731" --> Word Count (558)
 UserId="23731" --> Word Count (14)
 UserId="23731" --> Word Count (1)
 UserId="29134" --> Word Count (81)
 UserId="21560" --> Word Count (152)
 UserId="21560" --> Word Count (10)
 UserId="21560" --> Word Count (1)
 UserId="46535" Comment="Changed sequence to include temporal dependency" -->

Word Count (231)

UserId="23731" Comment="added 335 characters in body" --> Word Count (634)
 UserId="44456" Comment="added 4 characters in body" --> Word Count (151)
 UserId="38271" --> Word Count (29)
 UserId="38271" --> Word Count (126)
 UserId="18434" Comment="added 292 characters in body" --> Word Count (179)
 UserId="46595" --> Word Count (171)
 UserId="46595" --> Word Count (12)
 UserId="46595" --> Word Count (1)
 UserId="46590" Comment="added 227 characters in body" --> Word Count (1709)
 UserId="41297" --> Word Count (43)
 UserId="41297" --> Word Count (9)
 UserId="41297" --> Word Count (1)
 UserId="8878" --> Word Count (30)
 UserId="43438" --> Word Count (82)
 UserId="43438" --> Word Count (20)
 UserId="16879" --> Word Count (12)
 UserId="16879" --> Word Count (6)
 UserId="16879" --> Word Count (1)
 UserId="39233" --> Word Count (55)
 UserId="28175" --> Word Count (116)
 UserId="28175" Comment="added 172 characters in body" --> Word Count (137)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (23)
 UserId="28175" Comment="added 22 characters in body" --> Word Count (27)
 UserId="28175" Comment="via Vote" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" --> Word Count (1)
 UserId="29134" --> Word Count (94)
 UserId="30472" --> Word Count (198)
 UserId="46616" --> Word Count (57)
 UserId="46617" --> Word Count (101)
 UserId="46616" Comment="added 117 characters in body" --> Word Count (68)
 UserId="46618" --> Word Count (27)
 UserId="46618" --> Word Count (3)
 UserId="46618" --> Word Count (1)
 UserId="46123" --> Word Count (167)
 UserId="30472" Comment="capitalization and spelling" --> Word Count (373)
 UserId="17636" Comment="deleted 8 characters in body" --> Word Count (371)
 UserId="46620" --> Word Count (50)
 UserId="46620" --> Word Count (6)
 UserId="46620" --> Word Count (1)
 UserId="29575" Comment="Format link" --> Word Count (67)
 UserId="46567" Comment="added 29 characters in body" --> Word Count (28)
 UserId="30472" Comment="punctuation and capitalization" --> Word Count (85)
 UserId="29575" Comment="punctuation and capitalization" --> Word Count (85)
 UserId="46623" --> Word Count (61)
 UserId="46623" --> Word Count (4)

UserId="46623" --> Word Count (1)
 UserId="38271" --> Word Count (252)
 UserId="46546" --> Word Count (153)
 UserId="27665" --> Word Count (25)
 UserId="46622" --> Word Count (127)
 UserId="46622" --> Word Count (5)
 UserId="46622" --> Word Count (1)
 UserId="27665" Comment="added 77 characters in body" --> Word Count (39)
 UserId="46628" --> Word Count (78)
 UserId="45264" --> Word Count (105)
 UserId="40793" --> Word Count (19)
 UserId="40793" --> Word Count (13)
 UserId="40793" --> Word Count (1)
 UserId="23240" --> Word Count (103)
 UserId="46633" --> Word Count (81)
 UserId="46633" --> Word Count (7)
 UserId="46633" --> Word Count (1)
 UserId="18465" --> Word Count (57)
 UserId="18465" --> Word Count (8)
 UserId="18465" --> Word Count (1)
 UserId="44139" Comment="corrected the question" --> Word Count (7)
 UserId="29575" Comment="corrected the question" --> Word Count (79)
 UserId="46433" --> Word Count (41)
 UserId="46433" --> Word Count (6)
 UserId="46433" --> Word Count (1)
 UserId="39076" --> Word Count (130)
 UserId="39076" --> Word Count (6)
 UserId="39076" --> Word Count (1)
 UserId="46277" --> Word Count (396)
 UserId="23240" --> Word Count (70)
 UserId="46505" --> Word Count (82)
 UserId="4683" --> Word Count (58)
 UserId="16538" --> Word Count (102)
 UserId="46505" --> Word Count (131)
 UserId="46505" --> Word Count (93)
 UserId="46643" --> Word Count (91)
 UserId="46643" --> Word Count (12)
 UserId="46643" --> Word Count (1)
 UserId="41421" --> Word Count (78)
 UserId="46624" --> Word Count (514)
 UserId="46652" --> Word Count (173)
 UserId="29575" Comment="Minor Grammar" --> Word Count (514)
 UserId="46654" --> Word Count (122)
 UserId="46654" --> Word Count (6)
 UserId="46654" --> Word Count (1)
 UserId="1037" --> Word Count (52)
 UserId="46595" Comment="added 868 characters in body" --> Word Count (302)
 UserId="46595" Comment="deleted 12 characters in body" --> Word Count (299)

UserId="46595" Comment="added 39 characters in body" --> Word Count (305)
 UserId="43294" --> Word Count (157)
 UserId="39076" --> Word Count (155)
 UserId="39076" --> Word Count (5)
 UserId="39076" --> Word Count (1)
 UserId="39076" --> Word Count (115)
 UserId="39076" --> Word Count (10)
 UserId="39076" --> Word Count (1)
 UserId="46433" --> Word Count (31)
 UserId="46433" --> Word Count (10)
 UserId="46433" --> Word Count (1)
 UserId="29587" --> Word Count (244)
 UserId="11097" --> Word Count (115)
 UserId="46673" --> Word Count (167)
 UserId="46673" --> Word Count (4)
 UserId="46673" --> Word Count (1)
 UserId="11097" --> Word Count (43)
 UserId="11097" Comment="edited tags" --> Word Count (1)
 UserId="44865" Comment="added 169 characters in body" --> Word Count (82)
 UserId="44865" Comment="added 220 characters in body" --> Word Count (93)
 UserId="46356" --> Word Count (138)
 UserId="46674" --> Word Count (8)
 UserId="43888" --> Word Count (117)
 UserId="43888" --> Word Count (8)
 UserId="43888" --> Word Count (1)
 UserId="38271" --> Word Count (105)
 UserId="39233" --> Word Count (45)
 UserId="39233" --> Word Count (7)
 UserId="39233" --> Word Count (1)
 UserId="46293" --> Word Count (180)
 UserId="44139" --> Word Count (30)
 UserId="18465" Comment="edited title" --> Word Count (6)
 UserId="4683" --> Word Count (471)
 UserId="46433" --> Word Count (41)
 UserId="46433" --> Word Count (11)
 UserId="46433" --> Word Count (1)
 UserId="4683" --> Word Count (63)
 UserId="45507" --> Word Count (45)
 UserId="15613" --> Word Count (818)
 UserId="15613" --> Word Count (4)
 UserId="15613" --> Word Count (1)
 UserId="43240" --> Word Count (40)
 UserId="43240" --> Word Count (3)
 UserId="43240" --> Word Count (1)
 UserId="38271" --> Word Count (177)
 UserId="46590" --> Word Count (257)
 UserId="46590" --> Word Count (9)
 UserId="46590" --> Word Count (1)

UserId="46618" Comment="edited title" --> Word Count (8)
 UserId="800" --> Word Count (21)
 UserId="29575" Comment="Format list" --> Word Count (22)
 UserId="27015" --> Word Count (24)
 UserId="29575" Comment="Minor grammar" --> Word Count (43)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (22)
 UserId="9910" --> Word Count (93)
 UserId="9910" --> Word Count (7)
 UserId="9910" --> Word Count (1)
 UserId="27015" Comment="Rollback to [f76cb3c8-95f1-45e5-bee4-13bbb5682ed5]" -->
 Word Count (24)
 UserId="27015" Comment="Rollback to [e85c6bc0-505d-4dd2-990d-190af2d45023]" -->
 Word Count (22)
 UserId="23240" --> Word Count (58)
 UserId="23240" --> Word Count (51)
 UserId="33202" --> Word Count (13)
 UserId="9910" Comment="added 296 characters in body" --> Word Count (131)
 UserId="46703" --> Word Count (115)
 UserId="46703" --> Word Count (11)
 UserId="46703" --> Word Count (1)
 UserId="14376" --> Word Count (525)
 UserId="14376" --> Word Count (7)
 UserId="14376" --> Word Count (1)
 UserId="23240" --> Word Count (93)
 UserId="10076" --> Word Count (43)
 UserId="39331" --> Word Count (183)
 UserId="39331" --> Word Count (4)
 UserId="39331" --> Word Count (1)
 UserId="1330" Comment="added 29 characters in body" --> Word Count (96)
 UserId="29575" Comment="Clarify Question" --> Word Count (517)
 UserId="8820" Comment="added 135 characters in body" --> Word Count (135)
 UserId="28175" Comment="added 162 characters in body" --> Word Count (295)
 UserId="46640" --> Word Count (25)
 UserId="46640" --> Word Count (9)
 UserId="46640" --> Word Count (1)
 UserId="45374" --> Word Count (128)
 UserId="14376" Comment="Clarify question in response to moderator feed back."
 --> Word Count (537)
 UserId="46712" --> Word Count (81)
 UserId="46712" --> Word Count (6)
 UserId="46712" --> Word Count (1)
 UserId="33057" --> Word Count (65)
 UserId="33057" --> Word Count (14)
 UserId="33057" --> Word Count (1)
 UserId="43438" --> Word Count (134)
 UserId="39542" --> Word Count (213)
 UserId="39542" --> Word Count (11)
 UserId="39542" --> Word Count (1)

UserId="28175" --> Word Count (162)
 UserId="28175" Comment="added 1 character in body; edited tags; edited title"
 --> Word Count (25)
 UserId="28175" Comment="added 1 character in body; edited tags; edited title"
 --> Word Count (9)
 UserId="28175" Comment="added 1 character in body; edited tags; edited title"
 --> Word Count (1)
 UserId="9802" --> Word Count (20)
 UserId="9802" --> Word Count (7)
 UserId="9802" --> Word Count (1)
 UserId="9802" Comment="deleted 66 characters in body; edited tags" --> Word
 Count (40)
 UserId="9802" Comment="deleted 66 characters in body; edited tags" --> Word
 Count (1)
 UserId="46546" --> Word Count (188)
 UserId="43077" Comment="added 56 characters in body" --> Word Count (257)
 UserId="9802" Comment="added 259 characters in body; edited tags; edited title"
 --> Word Count (63)
 UserId="9802" Comment="added 259 characters in body; edited tags; edited title"
 --> Word Count (8)
 UserId="9802" Comment="added 259 characters in body; edited tags; edited title"
 --> Word Count (1)
 UserId="46691" --> Word Count (147)
 UserId="46691" --> Word Count (4)
 UserId="46691" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (165)
 UserId="27250" --> Word Count (50)
 UserId="43438" Comment="Step by Step process of what i answered" --> Word Count
 (273)
 UserId="46725" --> Word Count (43)
 UserId="46725" --> Word Count (6)
 UserId="46725" --> Word Count (1)
 UserId="46505" --> Word Count (131)
 UserId="46505" Comment="A broken link fixed." --> Word Count (82)
 UserId="18434" --> Word Count (129)
 UserId="23240" --> Word Count (39)
 UserId="23240" --> Word Count (43)
 UserId="23240" --> Word Count (10)
 UserId="23240" --> Word Count (1)
 UserId="32697" --> Word Count (63)
 UserId="-1" Comment="102" --> Word Count (2)
 UserId="23240" --> Word Count (143)
 UserId="46731" --> Word Count (1498)
 UserId="46731" --> Word Count (8)
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 UserId="32511" --> Word Count (192)
 UserId="32511" --> Word Count (10)
 UserId="32511" --> Word Count (1)

UserId="46734" --> Word Count (313)
 UserId="46703" Comment="Added code segments, as well as make more explanation about what happened." --> Word Count (2181)
 UserId="46703" Comment="Better explanations with training history" --> Word Count (3627)
 UserId="46736" --> Word Count (121)
 UserId="46055" --> Word Count (25)
 UserId="46055" --> Word Count (7)
 UserId="46055" --> Word Count (1)
 UserId="41504" --> Word Count (44)
 UserId="41504" --> Word Count (5)
 UserId="41504" --> Word Count (1)
 UserId="46505" --> Word Count (74)
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 UserId="35644" --> Word Count (26)
 UserId="35644" --> Word Count (38)
 UserId="35644" Comment="added 66 characters in body" --> Word Count (41)
 UserId="35644" Comment="added 46 characters in body" --> Word Count (50)
 UserId="14904" --> Word Count (110)
 UserId="46731" Comment="edited tags; edited title" --> Word Count (6)
 UserId="46731" Comment="edited tags; edited title" --> Word Count (1)
 UserId="8013" --> Word Count (55)
 UserId="8013" --> Word Count (12)
 UserId="8013" --> Word Count (1)
 UserId="26562" --> Word Count (160)
 UserId="45726" --> Word Count (203)
 UserId="46374" Comment="edited title" --> Word Count (12)
 UserId="45610" Comment="added 2 characters in body" --> Word Count (231)
 UserId="4683" --> Word Count (47)
 UserId="45610" --> Word Count (129)
 UserId="45610" --> Word Count (11)
 UserId="45610" --> Word Count (1)
 UserId="45610" Comment="edited tags" --> Word Count (1)
 UserId="46756" --> Word Count (34)
 UserId="46756" --> Word Count (5)
 UserId="46756" --> Word Count (1)
 UserId="1330" --> Word Count (74)
 UserId="45336" --> Word Count (81)
 UserId="45336" --> Word Count (15)
 UserId="45336" --> Word Count (1)
 UserId="46284" --> Word Count (56)
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 UserId="46284" --> Word Count (1)
 UserId="46284" Comment="edited title" --> Word Count (6)
 UserId="46731" --> Word Count (26)
 UserId="21" Comment="102" --> Word Count (3)
 UserId="46766" --> Word Count (138)
 UserId="46766" --> Word Count (7)

UserId="46766" --> Word Count (1)
 UserId="43870" --> Word Count (8)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (134)
 UserId="41297" --> Word Count (34)
 UserId="41297" --> Word Count (6)
 UserId="41297" --> Word Count (1)
 UserId="924" --> Word Count (92)
 UserId="32288" --> Word Count (104)
 UserId="32288" --> Word Count (6)
 UserId="32288" --> Word Count (1)
 UserId="45507" --> Word Count (327)
 UserId="46509" --> Word Count (85)
 UserId="46509" --> Word Count (8)
 UserId="46509" --> Word Count (1)
 UserId="46779" --> Word Count (187)
 UserId="46779" --> Word Count (7)
 UserId="46779" --> Word Count (1)
 UserId="46783" --> Word Count (41)
 UserId="46783" --> Word Count (16)
 UserId="46783" --> Word Count (1)
 UserId="46782" --> Word Count (256)
 UserId="46782" --> Word Count (10)
 UserId="46782" --> Word Count (1)
 UserId="32288" Comment="spelling" --> Word Count (104)
 UserId="44950" --> Word Count (95)
 UserId="44950" --> Word Count (8)
 UserId="44950" --> Word Count (1)
 UserId="28175" --> Word Count (177)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (105)
 UserId="28175" Comment="edited tags" --> Word Count (6)
 UserId="46785" --> Word Count (56)
 UserId="46785" --> Word Count (6)
 UserId="46785" --> Word Count (1)
 UserId="45507" --> Word Count (162)
 UserId="45726" --> Word Count (75)
 UserId="45726" --> Word Count (124)
 UserId="43870" Comment="Added link for an example" --> Word Count (18)
 UserId="38672" --> Word Count (51)
 UserId="38672" --> Word Count (11)
 UserId="38672" --> Word Count (1)
 UserId="38672" Comment="minor" --> Word Count (113)
 UserId="45507" --> Word Count (165)
 UserId="46783" Comment="added 273 characters in body" --> Word Count (65)
 UserId="46810" --> Word Count (26)
 UserId="46810" --> Word Count (2)
 UserId="46810" --> Word Count (1)
 UserId="39911" --> Word Count (183)

UserId="39911" --> Word Count (4)
 UserId="39911" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (181)
 UserId="44865" --> Word Count (158)
 UserId="12217" --> Word Count (182)
 UserId="12217" --> Word Count (4)
 UserId="12217" --> Word Count (1)
 UserId="29575" Comment="Change list to code formatting" --> Word Count (118)
 UserId="43077" Comment="added 213 characters in body" --> Word Count (285)
 UserId="39911" Comment="added 87 characters in body" --> Word Count (187)
 UserId="27108" --> Word Count (165)
 UserId="27108" --> Word Count (5)
 UserId="27108" --> Word Count (1)
 UserId="46799" --> Word Count (32)
 UserId="46799" --> Word Count (9)
 UserId="46799" --> Word Count (1)
 UserId="27108" Comment="added 300 characters in body" --> Word Count (215)
 UserId="30578" --> Word Count (549)
 UserId="44680" --> Word Count (604)
 UserId="44680" --> Word Count (13)
 UserId="44680" --> Word Count (1)
 UserId="44680" Comment="added 4 characters in body" --> Word Count (604)
 UserId="46505" Comment="An example is added." --> Word Count (161)
 UserId="44456" Comment="fixed minor grammars to improve the clarity" --> Word Count (130)
 UserId="30578" --> Word Count (214)
 UserId="45507" --> Word Count (105)
 UserId="46824" --> Word Count (88)
 UserId="46824" --> Word Count (11)
 UserId="46824" --> Word Count (1)
 UserId="45507" Comment="deleted 3 characters in body" --> Word Count (105)
 UserId="45507" Comment="added 1559 characters in body" --> Word Count (352)
 UserId="45507" Comment="added 100 characters in body" --> Word Count (370)
 UserId="28175" --> Word Count (53)
 UserId="28175" Comment="edited tags; edited title" --> Word Count (11)
 UserId="28175" Comment="edited tags; edited title" --> Word Count (1)
 UserId="37156" --> Word Count (54)
 UserId="37156" --> Word Count (84)
 UserId="37156" --> Word Count (12)
 UserId="37156" --> Word Count (1)
 UserId="41929" --> Word Count (204)
 UserId="43077" Comment="deleted 251 characters in body" --> Word Count (242)
 UserId="-1" Comment="104" --> Word Count (3)
 UserId="45507" --> Word Count (51)
 UserId="-1" Comment="104" --> Word Count (3)
 UserId="-1" Comment="104" --> Word Count (3)
 UserId="-1" Comment="104" --> Word Count (3)
 UserId="-1" Comment="104" --> Word Count (3)

UserId="46824" Comment="added 322 characters in body" --> Word Count (145)
 UserId="43455" --> Word Count (49)
 UserId="43455" --> Word Count (12)
 UserId="43455" --> Word Count (1)
 UserId="43455" Comment="added 143 characters in body" --> Word Count (60)
 UserId="45507" --> Word Count (88)
 UserId="45507" --> Word Count (69)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="46785" --> Word Count (21)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (4)
 UserId="17423" --> Word Count (776)
 UserId="17423" --> Word Count (9)
 UserId="17423" --> Word Count (1)
 UserId="46854" --> Word Count (217)
 UserId="46854" --> Word Count (8)
 UserId="46854" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (202)
 UserId="26243" --> Word Count (118)
 UserId="46326" --> Word Count (91)
 UserId="46326" --> Word Count (11)
 UserId="46326" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (89)
 UserId="46433" --> Word Count (29)
 UserId="46433" --> Word Count (7)
 UserId="46433" --> Word Count (1)
 UserId="11097" --> Word Count (52)
 UserId="44139" Comment="corrected the question" --> Word Count (11)
 UserId="44139" --> Word Count (147)
 UserId="46862" --> Word Count (77)
 UserId="46862" --> Word Count (12)
 UserId="46862" --> Word Count (1)
 UserId="11097" Comment="deleted 1 character in body" --> Word Count (52)
 UserId="46055" --> Word Count (34)
 UserId="46055" --> Word Count (7)
 UserId="46055" --> Word Count (1)
 UserId="45726" --> Word Count (130)
 UserId="45507" Comment="deleted 4 characters in body" --> Word Count (68)
 UserId="24790" --> Word Count (201)
 UserId="24790" --> Word Count (5)
 UserId="24790" --> Word Count (1)
 UserId="27108" Comment="added 281 characters in body" --> Word Count (260)
 UserId="46527" --> Word Count (53)
 UserId="46779" Comment="Tags" --> Word Count (1)
 UserId="27108" Comment="added 176 characters in body" --> Word Count (274)
 UserId="28175" --> Word Count (63)
 UserId="28175" Comment="added 2 characters in body; edited tags" --> Word Count

(201)

UserId="28175" Comment="added 2 characters in body; edited tags" --> Word Count (1)

UserId="28175" Comment="added 2 characters in body; edited tags" --> Word Count (5)

UserId="45374" --> Word Count (92)

UserId="37822" --> Word Count (78)

UserId="37822" --> Word Count (9)

UserId="37822" --> Word Count (1)

UserId="46869" --> Word Count (107)

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UserId="28175" --> Word Count (206)

UserId="28175" Comment="edited tags; edited title" --> Word Count (8)

UserId="28175" Comment="edited tags; edited title" --> Word Count (1)

UserId="45507" --> Word Count (259)

UserId="38582" --> Word Count (90)

UserId="45507" Comment="added 156 characters in body" --> Word Count (285)

UserId="1029" --> Word Count (56)

UserId="38506" --> Word Count (76)

UserId="38506" --> Word Count (10)

UserId="38506" --> Word Count (1)

UserId="29575" Comment="Minor formatting" --> Word Count (30)

UserId="28175" Comment="edited tags" --> Word Count (1)

UserId="46880" --> Word Count (51)

UserId="46880" --> Word Count (7)

UserId="46880" --> Word Count (1)

UserId="28175" Comment="edited title" --> Word Count (10)

UserId="29575" Comment="Minor grammar / formatting" --> Word Count (51)

UserId="46880" Comment="edited tags" --> Word Count (1)

UserId="45726" --> Word Count (77)

UserId="27432" --> Word Count (292)

UserId="45507" Comment="Clarified title" --> Word Count (7)

UserId="46886" --> Word Count (125)

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UserId="8820" --> Word Count (55)

UserId="8820" --> Word Count (6)

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UserId="46891" --> Word Count (132)

UserId="46893" --> Word Count (53)

UserId="46893" --> Word Count (7)

UserId="46893" --> Word Count (1)

UserId="45726" Comment="That's your conclusion. I think it makes the meaning clearer." --> Word Count (54)

UserId="29575" Comment="Remove extra commentary" --> Word Count (40)

UserId="43077" --> Word Count (58)

UserId="43077" --> Word Count (5)

UserId="43077" --> Word Count (1)
 UserId="43077" Comment="edited body" --> Word Count (63)
 UserId="29587" --> Word Count (99)
 UserId="41487" --> Word Count (107)
 UserId="41487" --> Word Count (9)
 UserId="41487" --> Word Count (1)
 UserId="46433" --> Word Count (22)
 UserId="45821" --> Word Count (143)
 UserId="45821" --> Word Count (5)
 UserId="45821" --> Word Count (1)
 UserId="11097" Comment="102" --> Word Count (1)
 UserId="26480" --> Word Count (129)
 UserId="26480" --> Word Count (4)
 UserId="26480" --> Word Count (1)
 UserId="4683" --> Word Count (133)
 UserId="4683" Comment="added 1130 characters in body" --> Word Count (312)
 UserId="4683" Comment="added 1130 characters in body" --> Word Count (381)
 UserId="4683" Comment="added 1130 characters in body" --> Word Count (395)
 UserId="4683" Comment="added 1130 characters in body" --> Word Count (429)
 UserId="13237" --> Word Count (122)
 UserId="13237" --> Word Count (11)
 UserId="13237" --> Word Count (1)
 UserId="27432" --> Word Count (62)
 UserId="46920" --> Word Count (252)
 UserId="46920" --> Word Count (6)
 UserId="46920" --> Word Count (1)
 UserId="31086" --> Word Count (112)
 UserId="44456" --> Word Count (131)
 UserId="44456" Comment="added 659 characters in body" --> Word Count (215)
 UserId="38133" --> Word Count (104)
 UserId="38133" --> Word Count (12)
 UserId="38133" --> Word Count (1)
 UserId="14675" --> Word Count (143)
 UserId="44456" Comment="added 261 characters in body" --> Word Count (250)
 UserId="43147" --> Word Count (80)
 UserId="1426" --> Word Count (79)
 UserId="43147" --> Word Count (52)
 UserId="8878" Comment="added 41 characters in body; edited tags" --> Word Count (771)
 UserId="8878" Comment="added 41 characters in body; edited tags" --> Word Count (1)
 UserId="8878" --> Word Count (291)
 UserId="46374" --> Word Count (51)
 UserId="46374" --> Word Count (10)
 UserId="46374" --> Word Count (1)
 UserId="44456" --> Word Count (107)
 UserId="44456" Comment="added 29 characters in body" --> Word Count (259)
 UserId="46928" --> Word Count (15)

UserId="44456" Comment="added 19 characters in body" --> Word Count (111)
 UserId="45821" Comment="added 4 characters in body" --> Word Count (143)
 UserId="39830" --> Word Count (197)
 UserId="39830" --> Word Count (8)
 UserId="39830" --> Word Count (1)
 UserId="46935" --> Word Count (37)
 UserId="46935" --> Word Count (8)
 UserId="46935" --> Word Count (1)
 UserId="38271" --> Word Count (24)
 UserId="14675" --> Word Count (102)
 UserId="46374" --> Word Count (45)
 UserId="46374" --> Word Count (9)
 UserId="46374" --> Word Count (1)
 UserId="8878" --> Word Count (501)
 UserId="14675" Comment="typo" --> Word Count (102)
 UserId="8878" Comment="typo" --> Word Count (502)
 UserId="9802" Comment="edited title" --> Word Count (14)
 UserId="24790" --> Word Count (255)
 UserId="24790" --> Word Count (10)
 UserId="24790" --> Word Count (1)
 UserId="28175" --> Word Count (96)
 UserId="46935" --> Word Count (35)
 UserId="46935" --> Word Count (5)
 UserId="46935" --> Word Count (1)
 UserId="28175" --> Word Count (94)
 UserId="28175" Comment="edited body; edited tags" --> Word Count (35)
 UserId="28175" Comment="edited body; edited tags" --> Word Count (1)
 UserId="46374" --> Word Count (22)
 UserId="46374" --> Word Count (10)
 UserId="46374" --> Word Count (1)
 UserId="28175" --> Word Count (108)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="24000" Comment="Reformatted" --> Word Count (13)
 UserId="29575" Comment="Reformatted" --> Word Count (14)
 UserId="46886" --> Word Count (69)
 UserId="46886" --> Word Count (4)
 UserId="46886" --> Word Count (1)
 UserId="46783" --> Word Count (84)
 UserId="46783" --> Word Count (20)
 UserId="46783" --> Word Count (1)
 UserId="8878" --> Word Count (95)
 UserId="31582" --> Word Count (252)
 UserId="31582" --> Word Count (10)
 UserId="31582" --> Word Count (1)
 UserId="46886" Comment="gave example" --> Word Count (153)
 UserId="45507" --> Word Count (136)
 UserId="45774" --> Word Count (74)
 UserId="8878" --> Word Count (78)

UserId="31582" Comment="added 55 characters in body" --> Word Count (261)
 UserId="17012" --> Word Count (107)
 UserId="32288" --> Word Count (77)
 UserId="32288" --> Word Count (14)
 UserId="32288" --> Word Count (1)
 UserId="46736" --> Word Count (193)
 UserId="46505" --> Word Count (460)
 UserId="924" --> Word Count (99)
 UserId="35644" --> Word Count (609)
 UserId="35644" Comment="added 11 characters in body; added 16 characters in body; deleted 1 character in body; added 7 characters in body; added 1 character in body; added 4 characters in body; added 3 characters in body; deleted 3 characters in body; added 2 characters in body; added 13 characters in body" --> Word Count (622)
 UserId="35644" Comment="added 30 characters in body; added 211 characters in body; deleted 3 characters in body" --> Word Count (668)
 UserId="29575" Comment="Minor formatting" --> Word Count (61)
 UserId="35644" Comment="added 33 characters in body" --> Word Count (668)
 UserId="35644" --> Word Count (178)
 UserId="35644" Comment="added 3 characters in body" --> Word Count (668)
 UserId="35644" --> Word Count (289)
 UserId="35644" Comment="added 8 characters in body" --> Word Count (178)
 UserId="35644" Comment="added 4 characters in body" --> Word Count (178)
 UserId="35644" Comment="deleted 1 character in body" --> Word Count (667)
 UserId="44456" Comment="added 183 characters in body" --> Word Count (289)
 UserId="18626" --> Word Count (50)
 UserId="44456" Comment="added 183 characters in body" --> Word Count (289)
 UserId="35644" Comment="deleted 2 characters in body" --> Word Count (671)
 UserId="40853" Comment="Appended link" --> Word Count (675)
 UserId="46974" --> Word Count (100)
 UserId="46974" --> Word Count (10)
 UserId="46974" --> Word Count (1)
 UserId="46974" Comment="added 83 characters in body" --> Word Count (106)
 UserId="14675" Comment="added 1 character in body" --> Word Count (144)
 UserId="30928" Comment="deleted 100 characters in body" --> Word Count (47)
 UserId="35644" --> Word Count (154)
 UserId="46936" --> Word Count (131)
 UserId="43469" --> Word Count (91)
 UserId="46981" --> Word Count (208)
 UserId="46981" --> Word Count (13)
 UserId="46981" --> Word Count (1)
 UserId="43870" Comment="added 15 characters in body" --> Word Count (180)
 UserId="46980" --> Word Count (130)
 UserId="46980" --> Word Count (6)
 UserId="46980" --> Word Count (1)
 UserId="35644" Comment="improved formatting" --> Word Count (64)
 UserId="42766" Comment="improved formatting" --> Word Count (74)
 UserId="35644" Comment="Formatting" --> Word Count (45)

UserId="46981" Comment="Corrected JSON string, as it wasn't an actual string,
 but looked like a Python dictionary. Added a tag suggested by another user."
 --> Word Count (208)
 UserId="46981" Comment="Corrected JSON string, as it wasn't an actual string,
 but looked like a Python dictionary. Added a tag suggested by another user."
 --> Word Count (1)
 UserId="43374" --> Word Count (87)
 UserId="46981" Comment="prettified code according to suggestion; it didn't
 really have to be a JSON, now it is a dict." --> Word Count (232)
 UserId="44456" Comment="deleted 11 characters in body" --> Word Count (286)
 UserId="44701" --> Word Count (65)
 UserId="44701" --> Word Count (10)
 UserId="44701" --> Word Count (1)
 UserId="45166" --> Word Count (322)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (318)
 UserId="45166" Comment="edited body, typos" --> Word Count (320)
 UserId="31434" --> Word Count (192)
 UserId="13237" --> Word Count (77)
 UserId="13237" --> Word Count (11)
 UserId="13237" --> Word Count (1)
 UserId="23811" --> Word Count (245)
 UserId="23811" --> Word Count (7)
 UserId="23811" --> Word Count (1)
 UserId="28175" --> Word Count (22)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" --> Word Count (126)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="35644" --> Word Count (8)
 UserId="28175" Comment="added 36 characters in body" --> Word Count (9)
 UserId="35644" Comment="added 81 characters in body" --> Word Count (20)
 UserId="28175" Comment="added 14 characters in body" --> Word Count (19)
 UserId="35644" --> Word Count (456)
 UserId="35644" Comment="added 15 characters in body" --> Word Count (20)
 UserId="43461" --> Word Count (60)
 UserId="43461" --> Word Count (14)
 UserId="43461" --> Word Count (1)
 UserId="35644" --> Word Count (73)
 UserId="35644" Comment="added 43 characters in body" --> Word Count (463)
 UserId="35644" Comment="added 90 characters in body" --> Word Count (99)
 UserId="35644" Comment="added 473 characters in body" --> Word Count (532)
 UserId="40791" --> Word Count (205)
 UserId="40791" --> Word Count (13)
 UserId="40791" --> Word Count (1)
 UserId="46546" --> Word Count (392)
 UserId="45166" --> Word Count (255)
 UserId="46540" --> Word Count (700)
 UserId="24719" --> Word Count (361)
 UserId="24719" --> Word Count (8)

UserId="24719" --> Word Count (1)
 UserId="27432" --> Word Count (117)
 UserId="23240" --> Word Count (45)
 UserId="23240" --> Word Count (133)
 UserId="23240" --> Word Count (87)
 UserId="31434" --> Word Count (111)
 UserId="24790" --> Word Count (331)
 UserId="24790" --> Word Count (3)
 UserId="24790" --> Word Count (1)
 UserId="40853" --> Word Count (84)
 UserId="40853" Comment="Improved Formatting" --> Word Count (87)
 UserId="47022" --> Word Count (86)
 UserId="47022" Comment="added 123 characters in body" --> Word Count (95)
 UserId="40853" Comment="Improved Formatting" --> Word Count (247)
 UserId="29575" Comment="Minor formatting" --> Word Count (108)
 UserId="35644" --> Word Count (97)
 UserId="40853" --> Word Count (95)
 UserId="46505" --> Word Count (152)
 UserId="30006" --> Word Count (152)
 UserId="30006" --> Word Count (11)
 UserId="30006" --> Word Count (1)
 UserId="29587" --> Word Count (170)
 UserId="47036" --> Word Count (93)
 UserId="47036" --> Word Count (6)
 UserId="47036" --> Word Count (1)
 UserId="47036" Comment="added 54 characters in body" --> Word Count (101)
 UserId="47036" Comment="added 54 characters in body" --> Word Count (1)
 UserId="46433" --> Word Count (24)
 UserId="46433" --> Word Count (5)
 UserId="46433" --> Word Count (1)
 UserId="46980" Comment="added 164 characters in body" --> Word Count (144)
 UserId="40853" --> Word Count (242)
 UserId="47040" --> Word Count (62)
 UserId="47040" --> Word Count (7)
 UserId="47040" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (62)
 UserId="29587" --> Word Count (82)
 UserId="32492" --> Word Count (137)
 UserId="27432" Comment="Same content, better sentence structure and layout."
 --> Word Count (179)
 UserId="27432" Comment="Added an indepth look at the confusion matrix per
 request in comments (I dont know how to make a table properly)" --> Word Count
 (422)
 UserId="32492" Comment="Formatting changes" --> Word Count (338)
 UserId="44637" --> Word Count (83)
 UserId="44637" --> Word Count (5)
 UserId="44637" --> Word Count (1)
 UserId="32492" Comment="Grammatical changes" --> Word Count (69)

UserId="43469" --> Word Count (89)
 UserId="45166" --> Word Count (169)
 UserId="26202" --> Word Count (38)
 UserId="26202" --> Word Count (13)
 UserId="26202" --> Word Count (1)
 UserId="27432" --> Word Count (17)
 UserId="27432" Comment="more spellingerrors removed, improved layout" --> Word Count (443)
 UserId="47048" --> Word Count (85)
 UserId="47048" --> Word Count (3)
 UserId="47048" --> Word Count (1)
 UserId="8878" Comment="deleted 34 characters in body" --> Word Count (92)
 UserId="47048" Comment="deleted 46 characters in body" --> Word Count (78)
 UserId="46374" --> Word Count (49)
 UserId="46374" --> Word Count (10)
 UserId="46374" --> Word Count (1)
 UserId="46374" Comment="edited tags" --> Word Count (1)
 UserId="35644" --> Word Count (31)
 UserId="47061" --> Word Count (311)
 UserId="47061" --> Word Count (14)
 UserId="47061" --> Word Count (1)
 UserId="46374" --> Word Count (66)
 UserId="46374" --> Word Count (17)
 UserId="46374" --> Word Count (1)
 UserId="24719" --> Word Count (115)
 UserId="24719" --> Word Count (10)
 UserId="24719" --> Word Count (1)
 UserId="45507" --> Word Count (1046)
 UserId="45507" --> Word Count (10)
 UserId="45507" --> Word Count (1)
 UserId="45507" Comment="edited title" --> Word Count (11)
 UserId="6550" Comment="this is a very basic question" --> Word Count (1)
 UserId="29575" Comment="this is a very basic question" --> Word Count (69)
 UserId="29575" Comment="Minor formatting" --> Word Count (348)
 UserId="29575" Comment="Minor formatting" --> Word Count (14)
 UserId="40467" --> Word Count (220)
 UserId="40467" --> Word Count (11)
 UserId="40467" --> Word Count (1)
 UserId="46924" --> Word Count (76)
 UserId="46924" --> Word Count (3)
 UserId="46924" --> Word Count (1)
 UserId="17012" Comment="added 608 characters in body" --> Word Count (174)
 UserId="46924" Comment="deleted 1 character in body" --> Word Count (76)
 UserId="46924" Comment="edited tags" --> Word Count (1)
 UserId="35503" --> Word Count (136)
 UserId="35503" --> Word Count (7)
 UserId="35503" --> Word Count (1)
 UserId="24790" --> Word Count (45)

UserId="24790" --> Word Count (6)
 UserId="24790" --> Word Count (1)
 UserId="14675" --> Word Count (160)
 UserId="46374" --> Word Count (52)
 UserId="31434" --> Word Count (164)
 UserId="47074" --> Word Count (106)
 UserId="47074" --> Word Count (5)
 UserId="47074" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (218)
 UserId="31434" --> Word Count (69)
 UserId="14675" Comment="deleted 11 characters in body" --> Word Count (158)
 UserId="35644" --> Word Count (46)
 UserId="35644" Comment="added 4 characters in body" --> Word Count (46)
 UserId="47078" --> Word Count (136)
 UserId="47078" --> Word Count (4)
 UserId="47078" --> Word Count (1)
 UserId="35644" Comment="via Vote" --> Word Count (1)
 UserId="45507" --> Word Count (126)
 UserId="35644" --> Word Count (1)
 UserId="35644" Comment="added 34 characters in body" --> Word Count (50)
 UserId="47078" Comment="added 40 characters in body; edited tags" --> Word Count (144)
 UserId="47078" Comment="added 40 characters in body; edited tags" --> Word Count (1)
 UserId="45507" --> Word Count (77)
 UserId="45507" Comment="Fixed typos" --> Word Count (142)
 UserId="45507" Comment="Fixed typos" --> Word Count (4)
 UserId="45507" --> Word Count (75)
 UserId="-1" Comment="104" --> Word Count (3)
 UserId="47011" --> Word Count (56)
 UserId="47011" --> Word Count (5)
 UserId="47011" --> Word Count (1)
 UserId="45507" Comment="added 3 characters in body" --> Word Count (75)
 UserId="47082" --> Word Count (106)
 UserId="47082" --> Word Count (10)
 UserId="47082" --> Word Count (1)
 UserId="43077" --> Word Count (153)
 UserId="43077" --> Word Count (7)
 UserId="43077" --> Word Count (1)
 UserId="45507" Comment="Improved readability" --> Word Count (145)
 UserId="43077" Comment="Improved readability" --> Word Count (168)
 UserId="35644" Comment="Merged a comment" --> Word Count (128)
 UserId="45507" --> Word Count (113)
 UserId="31434" --> Word Count (106)
 UserId="47085" --> Word Count (169)
 UserId="43077" --> Word Count (81)
 UserId="43077" --> Word Count (4)
 UserId="43077" --> Word Count (1)

UserId="46768" --> Word Count (22)
 UserId="43077" Comment="added 76 characters in body" --> Word Count (93)
 UserId="47082" Comment="added 53 characters in body" --> Word Count (111)
 UserId="47011" Comment="Example of softlabels" --> Word Count (178)
 UserId="28567" --> Word Count (94)
 UserId="28567" --> Word Count (7)
 UserId="28567" --> Word Count (1)
 UserId="14904" --> Word Count (74)
 UserId="24790" --> Word Count (49)
 UserId="24790" --> Word Count (8)
 UserId="24790" --> Word Count (1)
 UserId="47101" --> Word Count (149)
 UserId="12206" --> Word Count (158)
 UserId="12206" --> Word Count (8)
 UserId="12206" --> Word Count (1)
 UserId="29575" Comment="Format Link" --> Word Count (152)
 UserId="47101" Comment="Added more information on the linked video to guide the viewer" --> Word Count (221)
 UserId="32492" Comment="Added example" --> Word Count (371)
 UserId="44680" --> Word Count (47)
 UserId="44680" --> Word Count (8)
 UserId="44680" --> Word Count (1)
 UserId="32492" Comment="Formatting changes" --> Word Count (45)
 UserId="29575" Comment="Minor formatting" --> Word Count (44)
 UserId="44680" --> Word Count (270)
 UserId="29587" --> Word Count (37)
 UserId="32492" --> Word Count (137)
 UserId="29587" --> Word Count (458)
 UserId="29587" Comment="added 6760 characters in body" --> Word Count (2331)
 UserId="47107" --> Word Count (259)
 UserId="47107" Text=" --> Word Count (8)
 UserId="47107" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (272)
 UserId="32492" Comment="deleted 4 characters in body" --> Word Count (371)
 UserId="47110" --> Word Count (27)
 UserId="47110" --> Word Count (5)
 UserId="47110" --> Word Count (1)
 UserId="35644" --> Word Count (40)
 UserId="35644" Comment="added 21 characters in body" --> Word Count (43)
 UserId="20766" --> Word Count (486)
 UserId="20766" --> Word Count (9)
 UserId="20766" --> Word Count (1)
 UserId="924" Comment="edited tags" --> Word Count (1)
 UserId="47011" Comment="added 126 characters in body" --> Word Count (249)
 UserId="35644" Comment="added 70 characters in body" --> Word Count (685)
 UserId="47011" Comment="added 43 characters in body" --> Word Count (257)
 UserId="43473" --> Word Count (146)
 UserId="43473" --> Word Count (6)

UserId="43473" --> Word Count (1)
 UserId="43461" Comment="added 137 characters in body" --> Word Count (82)
 UserId="44044" --> Word Count (31)
 UserId="44044" --> Word Count (6)
 UserId="44044" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (31)
 UserId="46625" --> Word Count (56)
 UserId="45507" Comment="added 15 characters in body" --> Word Count (1056)
 UserId="47074" --> Word Count (23)
 UserId="43473" Comment="added 380 characters in body" --> Word Count (214)
 UserId="8878" Comment="a simple typo" --> Word Count (272)
 UserId="8878" --> Word Count (555)
 UserId="47078" --> Word Count (42)
 UserId="8878" Comment="Extremely unclear question however interesting. It needed a complete surgery." --> Word Count (260)
 UserId="31434" --> Word Count (229)
 UserId="45507" Comment="Improved formatting, fixed typos" --> Word Count (86)
 UserId="29575" Comment="Improved formatting, fixed typos" --> Word Count (72)
 UserId="40057" --> Word Count (23)
 UserId="46374" Comment="added 11 characters in body" --> Word Count (55)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (22)
 UserId="43791" --> Word Count (68)
 UserId="43791" --> Word Count (13)
 UserId="43791" --> Word Count (1)
 UserId="14675" --> Word Count (221)
 UserId="14675" Comment="deleted 2 characters in body" --> Word Count (221)
 UserId="46490" --> Word Count (34)
 UserId="16162" --> Word Count (33)
 UserId="16162" --> Word Count (7)
 UserId="16162" --> Word Count (1)
 UserId="24719" --> Word Count (154)
 UserId="24719" --> Word Count (10)
 UserId="24719" --> Word Count (1)
 UserId="47141" --> Word Count (530)
 UserId="47141" --> Word Count (9)
 UserId="47141" --> Word Count (1)
 UserId="46211" --> Word Count (201)
 UserId="46211" --> Word Count (12)
 UserId="46211" --> Word Count (1)
 UserId="35644" Comment="added 132 characters in body; added 17 characters in body" --> Word Count (105)
 UserId="27432" --> Word Count (19)
 UserId="35644" --> Word Count (201)
 UserId="35644" Comment="added 627 characters in body" --> Word Count (296)
 UserId="28175" Comment="added 41 characters in body" --> Word Count (111)
 UserId="45191" --> Word Count (121)
 UserId="45191" --> Word Count (4)
 UserId="45191" --> Word Count (1)

UserId="47149" --> Word Count (102)
 UserId="47149" --> Word Count (3)
 UserId="47149" --> Word Count (1)
 UserId="10548" --> Word Count (185)
 UserId="10548" --> Word Count (24)
 UserId="10548" --> Word Count (1)
 UserId="10548" Comment="added 5 characters in body" --> Word Count (185)
 UserId="29575" Comment="Minor formatting" --> Word Count (216)
 UserId="9461" --> Word Count (37)
 UserId="9461" --> Word Count (11)
 UserId="9461" --> Word Count (1)
 UserId="9461" Comment="added 52 characters in body" --> Word Count (46)
 UserId="14675" --> Word Count (135)
 UserId="14675" Comment="added 1 character in body" --> Word Count (135)
 UserId="43077" --> Word Count (280)
 UserId="43077" --> Word Count (9)
 UserId="43077" --> Word Count (1)
 UserId="43077" Comment="added 13 characters in body" --> Word Count (283)
 UserId="10548" --> Word Count (115)
 UserId="47082" Comment="added 84 characters in body" --> Word Count (126)
 UserId="10548" Comment="deleted 25 characters in body" --> Word Count (109)
 UserId="35644" --> Word Count (56)
 UserId="35644" Comment="added 112 characters in body; deleted 2 characters in body" --> Word Count (66)
 UserId="35644" --> Word Count (118)
 UserId="35644" Comment="deleted 3 characters in body; added 19 characters in body" --> Word Count (117)
 UserId="47158" --> Word Count (189)
 UserId="47158" --> Word Count (9)
 UserId="47158" --> Word Count (1)
 UserId="30641" --> Word Count (30)
 UserId="30641" --> Word Count (10)
 UserId="30641" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (181)
 UserId="35644" Comment="added 7 characters in body" --> Word Count (686)
 UserId="47169" --> Word Count (335)
 UserId="47169" --> Word Count (12)
 UserId="47169" --> Word Count (1)
 UserId="12345" --> Word Count (34)
 UserId="12345" --> Word Count (6)
 UserId="12345" --> Word Count (1)
 UserId="10803" --> Word Count (80)
 UserId="46785" --> Word Count (14)
 UserId="45507" Comment="Fixed typos, improved formatting" --> Word Count (338)
 UserId="45507" Comment="Fixed typos, improved formatting" --> Word Count (12)
 UserId="41377" --> Word Count (218)
 UserId="41377" --> Word Count (4)
 UserId="41377" --> Word Count (1)

UserId="47141" Comment="added 14 characters in body" --> Word Count (534)
 UserId="41377" Comment="deleted 191 characters in body; edited tags; edited title" --> Word Count (183)
 UserId="41377" Comment="deleted 191 characters in body; edited tags; edited title" --> Word Count (5)
 UserId="41377" Comment="deleted 191 characters in body; edited tags; edited title" --> Word Count (1)
 UserId="18375" --> Word Count (136)
 UserId="45764" --> Word Count (420)
 UserId="45764" --> Word Count (7)
 UserId="45764" --> Word Count (1)
 UserId="35644" Comment="added 10 characters in body" --> Word Count (296)
 UserId="47182" --> Word Count (68)
 UserId="47182" --> Word Count (5)
 UserId="47182" --> Word Count (1)
 UserId="29781" --> Word Count (52)
 UserId="35644" Comment="formatting" --> Word Count (422)
 UserId="47184" --> Word Count (216)
 UserId="47184" --> Word Count (6)
 UserId="47184" --> Word Count (1)
 UserId="47186" --> Word Count (52)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (62)
 UserId="45764" Comment="added snapshot of dataset" --> Word Count (503)
 UserId="29575" Comment="Change incorrect quotes to headings" --> Word Count (495)
 UserId="45764" Comment="deleted 18 characters in body" --> Word Count (494)
 UserId="31086" --> Word Count (219)
 UserId="31086" Comment="added 77 characters in body" --> Word Count (228)
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 UserId="14675" --> Word Count (127)
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 UserId="47204" --> Word Count (1)
 UserId="23240" --> Word Count (69)

UserId="23240" --> Word Count (13)
 UserId="23240" --> Word Count (1)
 UserId="17423" Comment="added one more condition about the data sets" --> Word Count (785)
 UserId="23240" Comment="edited title" --> Word Count (14)
 UserId="47204" --> Word Count (145)
 UserId="47204" --> Word Count (6)
 UserId="47204" --> Word Count (1)
 UserId="28175" --> Word Count (122)
 UserId="35644" Comment="Formatting" --> Word Count (149)
 UserId="29575" Comment="Formatting" --> Word Count (150)
 UserId="35644" Comment="Added Link" --> Word Count (149)
 UserId="29575" Comment="add link" --> Word Count (154)
 UserId="47212" --> Word Count (145)
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 UserId="47212" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="44456" --> Word Count (152)
 UserId="44456" Comment="added 49 characters in body" --> Word Count (156)
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 UserId="44680" --> Word Count (78)
 UserId="924" --> Word Count (11)
 UserId="45821" --> Word Count (84)
 UserId="45821" --> Word Count (10)
 UserId="45821" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (1)
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 UserId="45618" --> Word Count (84)
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 UserId="47239" --> Word Count (42)
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 UserId="47149" --> Word Count (1)
 UserId="47149" Comment="added 54 characters in body" --> Word Count (81)
 UserId="8878" --> Word Count (58)
 UserId="8878" --> Word Count (82)
 UserId="8878" --> Word Count (149)
 UserId="8878" Comment="typo" --> Word Count (31)
 UserId="8878" --> Word Count (26)
 UserId="47250" --> Word Count (71)
 UserId="47252" --> Word Count (95)
 UserId="42531" Comment="Add in new auto selection of num_gpus in multi_gpu_model function" --> Word Count (264)
 UserId="26444" --> Word Count (72)
 UserId="26444" --> Word Count (50)
 UserId="47254" --> Word Count (170)
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 UserId="46625" Comment="Posting the finished sketch of how this might be achieved using transposed boxplots" --> Word Count (20)
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 UserId="32492" Comment="Small formatting changes and added the deep-learning tag" --> Word Count (1)
 UserId="8878" --> Word Count (260)
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 UserId="8878" Comment="adding refs" --> Word Count (324)
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 UserId="43077" Comment="added 32 characters in body" --> Word Count (293)
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 UserId="9085" --> Word Count (265)
 UserId="45374" --> Word Count (163)

UserId="43077" Comment="added 13 characters in body" --> Word Count (295)
 UserId="43077" Comment="edited body" --> Word Count (297)
 UserId="47282" --> Word Count (201)
 UserId="47233" Comment="added 1086 characters in body" --> Word Count (178)
 UserId="47288" --> Word Count (249)
 UserId="47288" --> Word Count (7)
 UserId="47288" --> Word Count (1)
 UserId="10620" --> Word Count (131)
 UserId="8820" --> Word Count (40)
 UserId="10620" Comment="typo fixed" --> Word Count (131)
 UserId="35644" --> Word Count (234)
 UserId="35644" Comment="added 381 characters in body" --> Word Count (286)
 UserId="9085" Comment="deleted 2 characters in body" --> Word Count (265)
 UserId="924" --> Word Count (65)
 UserId="9085" Comment="added 513 characters in body" --> Word Count (348)
 UserId="23240" --> Word Count (62)
 UserId="23240" --> Word Count (6)
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 UserId="924" --> Word Count (119)
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 UserId="29575" Comment="Format link" --> Word Count (124)
 UserId="46949" Comment="added 379 characters in body" --> Word Count (133)
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 UserId="41929" --> Word Count (185)
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 UserId="47311" --> Word Count (179)
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 UserId="30427" --> Word Count (240)
 UserId="30427" --> Word Count (9)
 UserId="30427" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (185)
 UserId="33861" --> Word Count (79)
 UserId="33861" --> Word Count (8)
 UserId="33861" --> Word Count (1)
 <DELETE> --> Word Count (74)
 <DELETE> --> Word Count (5)
 <DELETE> --> Word Count (1)
 UserId="47322" --> Word Count (274)
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 UserId="47322" --> Word Count (1)
 UserId="30427" Comment="added 533 characters in body" --> Word Count (365)
 UserId="30427" Comment="edited title" Text="Extract Pattern using Short -->
 Word Count (2)
 UserId="836" --> Word Count (313)
 UserId="30427" Comment="added 187 characters in body" --> Word Count (395)
 UserId="836" Comment="added 86 characters in body" --> Word Count (316)
 UserId="47318" --> Word Count (35)
 UserId="29587" --> Word Count (1206)
 UserId="29587" Comment="added 757 characters in body" --> Word Count (1308)
 UserId="836" Comment="added 14 characters in body" --> Word Count (359)
 UserId="836" Comment="added 8 characters in body" --> Word Count (361)
 UserId="8878" Text="## Problem 1: "Tactic Titles" Are Really TEXT
 ##
i.e. they are not standard "tags". I say this because they
 seem so structured and tag-like. For instance in text analysis using NLP
 techniques you mostly deal with texts in which "Review Comments" and
 "Reviewing Comments" and "Comment Review" are supposed to be
 considered the same. 

Actually the way you already tried is a
 valid way to do it.

Another idea could be using information
 theoretic approaches. It means using something like Tf-IDF approach but this

time taking classes into account. Here you are going to look for words/n-grams which appear a lot in desired class (**High**) and not a lot in the other class. A simple formulation could be:

$$\text{Score}_{w_i} = \frac{N_{\text{high}}}{N_{\text{low}} + 1}$$

where N_{high} is the number of times the word w_i appeared in class **High** and N_{low} is the number of times the word w_i appeared in class **Low**. The constant 1 is just a smoother to avoid a zero denominator.

If you use it be careful about overfitting as you are learning features in a very implicit and hand-crafted way. To avoid overfitting you may prune your found words based on a *min_count* or *max_count* limitation.

Of course this is a simple score and you can improve it by modification (e.g. i did not consider the normalization which is better to be considered, etc.)

For prediction you can also simply use naive Bayes. Count words/phrases based on Bayesian approach (just count the frequency of words happening in each class) and normalize them to probabilities. Now you have most likely data given classes and the probability of classes. A new data comes and $P(C|D) = P(D|C) \times P(C)$ is calculated easily.

Problem 2: The "Tactic Titles" Are Just Fixed Tags (Maybe irrelevant to score)

Means that semantics are not correlated with classes i.e. two titles with similar terms or meanings might be in two different classes.

Then it's not a learning problem. Either you have the label of the new data in the dictionary so you just extract the class, or you don't have it so you don't know about it!

How would you want to know that "Partner Launch" is low priority but "Review Comments" is high if you have no meta-information from the organization behind it? How can you predict that based on this most probably "Write Comments" is **High** or **Low**? .If you argue that Machine Learning is supposed to learn that latent variable behind, then I would say yes! but please note that maybe that latent phenomenon is not correlated with ** -->

Word Count (42)

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 UserId="14048" --> Word Count (1)
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 UserId="27250" --> Word Count (311)
 UserId="27250" Comment="add info" --> Word Count (329)
 UserId="44114" --> Word Count (92)
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 UserId="47352" --> Word Count (1)
 UserId="20492" --> Word Count (146)
 UserId="47366" --> Word Count (74)
 UserId="47366" --> Word Count (8)
 UserId="47366" --> Word Count (1)
 UserId="46505" --> Word Count (90)
 UserId="2584" Comment="Copyedited for clarity" --> Word Count (30)
 UserId="2584" Comment="Copyedited question title" --> Word Count (10)
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UserId="836" Comment="This problem looks specific to SVM." --> Word Count (1)
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 UserId="46749" --> Word Count (190)
 UserId="35644" --> Word Count (85)
 UserId="35644" Comment="added 37 characters in body" --> Word Count (91)
 UserId="47048" Comment="edited tags" --> Word Count (1)
 UserId="2573" --> Word Count (166)
 UserId="836" Comment="added 311 characters in body" --> Word Count (647)
 UserId="836" Comment="deleted 21 characters in body" --> Word Count (644)
 UserId="46374" --> Word Count (37)
 UserId="46374" --> Word Count (13)
 UserId="46374" --> Word Count (1)
 UserId="16050" --> Word Count (156)
 UserId="16050" --> Word Count (16)
 UserId="16050" --> Word Count (1)
 UserId="29781" --> Word Count (196)
 UserId="46464" --> Word Count (298)
 UserId="29781" Comment="tag classification was added" --> Word Count (1)
 UserId="46374" Comment="added 97 characters in body" --> Word Count (53)
 UserId="29781" Comment="added 250 characters in body" --> Word Count (233)
 UserId="32492" Comment="Removed hi and thanks" --> Word Count (93)
 UserId="29575" Comment="Removed hi and thanks" --> Word Count (93)
 UserId="32492" Comment="Removed some unnecessary text" --> Word Count (173)
 UserId="29575" Comment="Removed some unnecessary text" --> Word Count (174)
 UserId="29781" Comment="added 228 characters in body" --> Word Count (276)
 UserId="35644" --> Word Count (86)
 UserId="45821" --> Word Count (52)
 UserId="45821" --> Word Count (8)
 UserId="45821" --> Word Count (1)
 UserId="35644" Comment="added 10 characters in body" --> Word Count (89)
 UserId="35644" Comment="added 32 characters in body" --> Word Count (93)
 UserId="43294" --> Word Count (187)
 UserId="47465" --> Word Count (118)
 UserId="47465" --> Word Count (5)
 UserId="47465" --> Word Count (1)
 UserId="47359" --> Word Count (185)
 UserId="47359" --> Word Count (9)
 UserId="47359" --> Word Count (1)
 UserId="43294" --> Word Count (28)
 UserId="29587" --> Word Count (50)
 UserId="29587" Comment="added 280 characters in body" --> Word Count (92)
 UserId="45821" Comment="edited tags" --> Word Count (1)
 UserId="47468" --> Word Count (92)
 UserId="2573" --> Word Count (135)

UserId="47470" --> Word Count (36)
UserId="43077" Comment="added 522 characters in body" --> Word Count (456)
UserId="47473" --> Word Count (51)
UserId="47473" --> Word Count (8)
UserId="47473" --> Word Count (1)
UserId="23240" --> Word Count (146)
UserId="47474" --> Word Count (35)
UserId="47474" --> Word Count (12)
UserId="47474" --> Word Count (1)
UserId="43077" Comment="added 134 characters in body" --> Word Count (481)
UserId="4683" --> Word Count (281)
UserId="43455" --> Word Count (148)
UserId="43455" --> Word Count (8)
UserId="43455" --> Word Count (1)
UserId="381" Comment="added 28 characters in body" --> Word Count (180)
UserId="14904" --> Word Count (97)
UserId="43455" Comment="edited body" --> Word Count (180)
UserId="2893" --> Word Count (264)
UserId="2893" --> Word Count (7)
UserId="2893" --> Word Count (1)
UserId="381" --> Word Count (64)
UserId="381" Comment="added 55 characters in body" --> Word Count (72)
UserId="45821" Comment="deleted 1 character in body" --> Word Count (52)
UserId="43455" Comment="added 209 characters in body" --> Word Count (220)
UserId="4683" Comment="added 3 characters in body" --> Word Count (285)
UserId="38657" --> Word Count (284)
UserId="45821" Comment="edited body" --> Word Count (52)
UserId="38892" Comment="attaching photo that the OP intended to post." --> Word Count (49)
UserId="836" Comment="attaching photo that the OP intended to post." --> Word Count (45)
UserId="836" Comment="attaching photo that the OP intended to post." --> Word Count (14)
UserId="29781" --> Word Count (105)
UserId="-1" Comment="102" --> Word Count (4)
UserId="-1" Comment="104" --> Word Count (4)
UserId="29781" Comment="added 340 characters in body" --> Word Count (157)
UserId="47483" --> Word Count (112)
UserId="47279" --> Word Count (142)
UserId="47279" --> Word Count (6)
UserId="47279" --> Word Count (1)
UserId="43921" --> Word Count (119)
UserId="43921" --> Word Count (5)
UserId="43921" --> Word Count (1)
UserId="15518" --> Word Count (38)
UserId="47279" Comment="added 40 characters in body" --> Word Count (147)
UserId="35644" --> Word Count (63)
UserId="42029" --> Word Count (69)

UserId="42029" --> Word Count (15)
 UserId="42029" --> Word Count (1)
 UserId="15613" --> Word Count (118)
 UserId="15613" --> Word Count (5)
 UserId="15613" --> Word Count (1)
 UserId="47488" Text="Sounds like this is more extractive summarization if you
 are looking for key words. Here are a few papers which probably have
 implementations:

[Neural Summarization by Extracting
 Sentences and
 Words](https://arxiv.org/abs/1603.07252)

[Extractive
 Summarization using Deep
 Learning](https://arxiv.org/pdf/1708.04439.pdf)

[Semi-
 supervised Convolutional Neural Networks for
 --> Word Count (21)
 UserId="9191" --> Word Count (16)
 UserId="9191" Comment="added 3 characters in body" --> Word Count (17)
 UserId="47488" --> Word Count (121)
 UserId="43077" Comment="deleted 12 characters in body" --> Word Count (207)
 UserId="43077" --> Word Count (55)
 UserId="43077" Comment="added 467 characters in body" --> Word Count (129)
 UserId="47380" --> Word Count (518)
 UserId="47380" --> Word Count (9)
 UserId="47380" --> Word Count (1)
 UserId="35644" --> Word Count (420)
 UserId="35644" Comment="added 273 characters in body" --> Word Count (490)
 UserId="47497" --> Word Count (250)
 UserId="47497" --> Word Count (8)
 UserId="47497" --> Word Count (1)
 UserId="47497" Comment="added 382 characters in body" --> Word Count (293)
 UserId="39308" --> Word Count (285)
 UserId="43077" Comment="edited body" --> Word Count (207)
 UserId="43077" Comment="added 16 characters in body" --> Word Count (131)
 UserId="39308" Comment="added 170 characters in body" --> Word Count (310)
 UserId="35644" Comment="added 55 characters in body" --> Word Count (497)
 UserId="39308" Comment="added 170 characters in body" --> Word Count (318)
 UserId="39308" Comment="added 6 characters in body" --> Word Count (319)
 UserId="47500" --> Word Count (128)
 UserId="47500" --> Word Count (13)
 UserId="47500" --> Word Count (1)
 UserId="14145" --> Word Count (294)
 UserId="39308" Comment="deleted 2 characters in body" --> Word Count (319)
 UserId="43147" --> Word Count (35)
 UserId="47506" --> Word Count (20)
 UserId="45507" Comment="Corrected spelling, added paragraphs for readability"
 --> Word Count (127)
 UserId="24351" --> Word Count (273)
 UserId="24351" --> Word Count (6)
 UserId="24351" --> Word Count (1)
 UserId="28175" --> Word Count (292)

UserId="28175" Comment="edited tags" --> Word Count (1)
UserId="14675" --> Word Count (202)
UserId="47500" Comment="deleted 39 characters in body" --> Word Count (127)
UserId="45166" --> Word Count (207)
UserId="8878" --> Word Count (190)
UserId="32697" --> Word Count (115)
UserId="836" --> Word Count (385)
UserId="37626" --> Word Count (66)
UserId="37626" --> Word Count (5)
UserId="37626" --> Word Count (1)
UserId="47507" Comment="clarification" --> Word Count (22)
UserId="29575" Comment="clarification" --> Word Count (25)
UserId="47473" Comment="added 77 characters in body" --> Word Count (73)
UserId="44688" --> Word Count (66)
UserId="44688" --> Word Count (7)
UserId="44688" --> Word Count (1)
UserId="28175" Comment="added 44 characters in body" --> Word Count (110)
UserId="45166" --> Word Count (199)
UserId="40370" --> Word Count (60)
UserId="40370" --> Word Count (3)
UserId="40370" --> Word Count (1)
UserId="45766" --> Word Count (487)
UserId="45766" --> Word Count (5)
UserId="45766" --> Word Count (1)
UserId="21163" --> Word Count (152)
UserId="29781" Comment="permutation importance approach" --> Word Count (206)
UserId="45766" Comment="Made the title more descriptive" --> Word Count (7)
UserId="47522" --> Word Count (44)
UserId="836" Comment="added 980 characters in body" --> Word Count (563)
UserId="47078" --> Word Count (168)
UserId="47078" --> Word Count (17)
UserId="47078" --> Word Count (1)
UserId="28175" Comment="edited tags" --> Word Count (1)
UserId="47526" --> Word Count (233)
UserId="47526" --> Word Count (8)
UserId="47526" --> Word Count (1)
UserId="45166" --> Word Count (407)
UserId="47432" --> Word Count (44)
UserId="47432" --> Word Count (5)
UserId="47432" --> Word Count (1)
UserId="45821" --> Word Count (38)
UserId="45166" --> Word Count (33)
UserId="30507" Comment="added 57 characters in body" --> Word Count (59)
UserId="47528" --> Word Count (118)
UserId="47528" --> Word Count (3)
UserId="47528" --> Word Count (1)
UserId="47078" Comment="edited title" --> Word Count (4)
UserId="43455" Comment="added 565 characters in body" --> Word Count (307)

UserId="46628" --> Word Count (42)
 UserId="46628" --> Word Count (9)
 UserId="46628" --> Word Count (1)
 UserId="28175" --> Word Count (176)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (167)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="43650" --> Word Count (114)
 UserId="43650" --> Word Count (11)
 UserId="43650" --> Word Count (1)
 UserId="45821" Comment="added 63 characters in body" --> Word Count (98)
 UserId="47359" --> Word Count (251)
 UserId="47359" --> Word Count (5)
 UserId="47359" --> Word Count (1)
 UserId="14675" --> Word Count (226)
 UserId="28175" --> Word Count (133)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="47078" Comment="added 1 character in body" --> Word Count (167)
 UserId="29587" --> Word Count (535)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="30507" --> Word Count (50)
 UserId="35644" --> Word Count (62)
 UserId="47078" --> Word Count (93)
 UserId="29587" --> Word Count (412)
 UserId="47078" Comment="added 50 characters in body" --> Word Count (176)
 UserId="14675" Comment="added 40 characters in body" --> Word Count (232)
 UserId="35644" --> Word Count (74)
 UserId="13165" --> Word Count (588)
 UserId="47078" Comment="added 13 characters in body" --> Word Count (178)
 UserId="35644" Comment="added 3 characters in body" --> Word Count (687)
 UserId="37822" --> Word Count (333)
 UserId="44114" --> Word Count (55)
 UserId="47531" --> Word Count (400)
 UserId="47531" --> Word Count (15)
 UserId="47531" --> Word Count (1)
 UserId="47531" Comment="edited title" --> Word Count (17)
 UserId="39308" Comment="added 153 characters in body" --> Word Count (339)
 UserId="47497" Comment="typo" --> Word Count (293)
 UserId="924" --> Word Count (19)
 UserId="47540" --> Word Count (51)
 UserId="47540" --> Word Count (5)
 UserId="47540" --> Word Count (1)
 UserId="39308" Comment="deleted 17 characters in body" --> Word Count (336)
 UserId="45507" --> Word Count (81)
 UserId="45507" Comment="added 110 characters in body" --> Word Count (100)
 UserId="47483" --> Word Count (35)
 UserId="381" Comment="edited tags" --> Word Count (1)

UserId="45821" Comment="deleted 3 characters in body" --> Word Count (51)
 UserId="47488" --> Word Count (159)
 UserId="381" Comment="edited title" --> Word Count (7)
 UserId="35644" Comment="added 111 characters in body; added 152 characters in body; added 96 characters in body" --> Word Count (100)
 UserId="35644" Comment="added 2 characters in body; deleted 21 characters in body; added 164 characters in body; added 29 characters in body" --> Word Count (129)
 UserId="35644" Comment="added 34 characters in body" --> Word Count (135)
 UserId="35644" Comment="added 24 characters in body" --> Word Count (139)
 UserId="8560" --> Word Count (91)
 UserId="41777" --> Word Count (140)
 UserId="41777" --> Word Count (6)
 UserId="41777" --> Word Count (1)
 UserId="47507" Comment="additional information" --> Word Count (84)
 UserId="45507" Comment="Fixed typo, improved formatting" --> Word Count (85)
 UserId="35644" Comment="formatting,typos" --> Word Count (232)
 UserId="35644" Comment="formatting" --> Word Count (44)
 UserId="45507" Comment="formatting" --> Word Count (43)
 UserId="37822" Comment="added 1 character in body" --> Word Count (333)
 UserId="21319" --> Word Count (73)
 UserId="21319" --> Word Count (15)
 UserId="21319" --> Word Count (1)
 UserId="836" Comment="added 186 characters in body" --> Word Count (595)
 UserId="32288" Comment="deleted 6 characters in body" --> Word Count (73)
 UserId="47531" --> Word Count (42)
 UserId="47331" --> Word Count (36)
 UserId="47557" --> Word Count (640)
 UserId="47557" --> Word Count (9)
 UserId="47557" --> Word Count (1)
 UserId="10803" Comment="added 384 characters in body" --> Word Count (149)
 UserId="10803" --> Word Count (90)
 UserId="47568" --> Word Count (168)
 UserId="47568" --> Word Count (12)
 UserId="47568" --> Word Count (1)
 UserId="21163" --> Word Count (70)
 UserId="30507" --> Word Count (26)
 UserId="47572" --> Word Count (15)
 UserId="47572" --> Word Count (20)
 UserId="47572" --> Word Count (1)
 UserId="24000" Comment="Reformatted" --> Word Count (51)
 UserId="47540" Comment="deleted 289 characters in body" --> Word Count (7)
 UserId="37822" --> Word Count (204)
 UserId="38842" --> Word Count (16)
 UserId="11097" Comment="102" --> Word Count (3)
 UserId="44114" Comment="added 372 characters in body" --> Word Count (64)
 UserId="381" Comment="Rollback to [d2db171d-4565-4423-873a-68ffefde3c66]" --> Word Count (51)

UserId="836" --> Word Count (591)
 UserId="11097" Comment="added 20 characters in body" --> Word Count (36)
 UserId="21163" Comment="added 201 characters in body" --> Word Count (33)
 UserId="836" Comment="added 340 characters in body" --> Word Count (645)
 UserId="836" Comment="deleted 297 characters in body" --> Word Count (619)
 UserId="45411" --> Word Count (18)
 UserId="45411" --> Word Count (7)
 UserId="45411" --> Word Count (1)
 UserId="29781" --> Word Count (19)
 UserId="44114" Comment="added 479 characters in body" --> Word Count (345)
 UserId="37822" --> Word Count (226)
 UserId="37822" --> Word Count (7)
 UserId="37822" --> Word Count (1)
 UserId="28175" --> Word Count (148)
 UserId="28175" Comment="edited tags; edited title" --> Word Count (9)
 UserId="28175" Comment="edited tags; edited title" --> Word Count (1)
 UserId="28175" Comment="edited tags; edited title" --> Word Count (9)
 UserId="28175" Comment="edited tags; edited title" --> Word Count (1)
 UserId="44114" Comment="edit dilutation" --> Word Count (509)
 UserId="20372" Comment="added 5 characters in body" --> Word Count (257)
 UserId="44114" Comment="edited body" --> Word Count (478)
 UserId="47599" --> Word Count (213)
 UserId="47599" --> Word Count (6)
 UserId="47599" --> Word Count (1)
 UserId="-1" Comment="shape of X" --> Word Count (210)
 UserId="29575" Comment="indent code so shows correctly" --> Word Count (279)
 UserId="29587" --> Word Count (131)
 UserId="47600" Comment="add information" --> Word Count (291)
 UserId="29575" Comment="add information" --> Word Count (300)
 UserId="47561" --> Word Count (399)
 UserId="47561" --> Word Count (3)
 UserId="47561" --> Word Count (1)
 UserId="47610" --> Word Count (63)
 UserId="47610" --> Word Count (5)
 UserId="47610" --> Word Count (1)
 UserId="47561" Comment="added 2 characters in body" --> Word Count (399)
 UserId="39135" --> Word Count (51)
 UserId="39135" --> Word Count (13)
 UserId="39135" --> Word Count (1)
 UserId="35479" --> Word Count (286)
 UserId="35479" --> Word Count (5)
 UserId="35479" --> Word Count (1)
 UserId="47483" --> Word Count (19)
 UserId="47483" --> Word Count (34)
 UserId="28660" --> Word Count (108)
 UserId="28660" --> Word Count (14)
 UserId="28660" --> Word Count (1)
 UserId="28660" Comment="edited tags" --> Word Count (1)

UserId="29575" Comment="Clean up some formatting" --> Word Count (338)
 UserId="40853" --> Word Count (263)
 UserId="40853" Comment="Improved Formatting" --> Word Count (63)
 UserId="40853" Comment="Improved Formatting" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (425)
 UserId="47610" Comment="added 398 characters in body" --> Word Count (119)
 UserId="40853" Comment="Improved Formatting" --> Word Count (155)
 UserId="40853" --> Word Count (93)
 UserId="40853" Comment="Improved Formatting" --> Word Count (120)
 UserId="40853" Comment="Improved Formatting" --> Word Count (155)
 UserId="40853" Comment="Added Comments" --> Word Count (150)
 UserId="47623" --> Word Count (287)
 UserId="47623" --> Word Count (5)
 UserId="47623" --> Word Count (1)
 UserId="35644" Comment="added 26 characters in body" --> Word Count (139)
 UserId="40853" Comment="Appended Visualization " --> Word Count (286)
 UserId="32288" --> Word Count (64)
 UserId="32288" --> Word Count (12)
 UserId="32288" --> Word Count (1)
 UserId="45519" --> Word Count (66)
 UserId="45519" --> Word Count (3)
 UserId="45519" --> Word Count (1)
 UserId="40853" --> Word Count (110)
 UserId="44139" --> Word Count (58)
 UserId="40853" Comment="Improved Formatting" --> Word Count (108)
 UserId="924" --> Word Count (79)
 UserId="16879" --> Word Count (31)
 UserId="16879" --> Word Count (11)
 UserId="16879" --> Word Count (1)
 UserId="47078" Comment="added 67 characters in body" --> Word Count (191)
 UserId="47630" --> Word Count (43)
 UserId="47630" --> Word Count (9)
 UserId="47630" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (56)
 UserId="41692" --> Word Count (102)
 UserId="41692" --> Word Count (10)
 UserId="41692" --> Word Count (1)
 UserId="40853" --> Word Count (136)
 UserId="40853" Comment="edited title" --> Word Count (9)
 UserId="40853" Comment="edited title" --> Word Count (56)
 UserId="40853" Comment="added 54 characters in body" --> Word Count (146)
 UserId="35597" --> Word Count (76)
 UserId="35597" --> Word Count (7)
 UserId="35597" --> Word Count (1)
 UserId="44139" --> Word Count (45)
 UserId="47637" --> Word Count (799)
 UserId="47637" --> Word Count (9)
 UserId="47637" --> Word Count (1)

UserId="40853" Comment="Improved Formatting" --> Word Count (185)
 UserId="47635" --> Word Count (435)
 UserId="47635" --> Word Count (5)
 UserId="47635" --> Word Count (1)
 UserId="8878" --> Word Count (79)
 UserId="28175" --> Word Count (453)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (76)
 UserId="28175" Comment="added 215 characters in body" --> Word Count (479)
 UserId="47636" --> Word Count (648)
 UserId="43473" --> Word Count (20)
 UserId="43077" --> Word Count (52)
 UserId="43077" --> Word Count (4)
 UserId="43077" --> Word Count (1)
 UserId="43077" Comment="added 192 characters in body" --> Word Count (81)
 UserId="14675" --> Word Count (74)
 UserId="37822" --> Word Count (92)
 UserId="43384" --> Word Count (33)
 UserId="43384" --> Word Count (9)
 UserId="43384" --> Word Count (1)
 UserId="47659" --> Word Count (45)
 UserId="47659" --> Word Count (12)
 UserId="47659" --> Word Count (1)
 UserId="32429" --> Word Count (45)
 UserId="32429" --> Word Count (10)
 UserId="32429" --> Word Count (1)
 UserId="44760" --> Word Count (106)
 UserId="44760" --> Word Count (6)
 UserId="44760" --> Word Count (1)
 UserId="47670" --> Word Count (176)
 UserId="47670" --> Word Count (4)
 UserId="47670" --> Word Count (1)
 UserId="43592" --> Word Count (148)
 UserId="43592" --> Word Count (7)
 UserId="43592" --> Word Count (1)
 UserId="-1" Comment="101" --> Word Count (3)
 UserId="23305" --> Word Count (83)
 UserId="44760" Comment="added 16 characters in body" --> Word Count (111)
 UserId="245" --> Word Count (519)
 UserId="245" --> Word Count (9)
 UserId="245" --> Word Count (1)
 UserId="47676" --> Word Count (57)
 UserId="47676" --> Word Count (3)
 UserId="47676" --> Word Count (1)
 UserId="47677" --> Word Count (80)
 UserId="27665" --> Word Count (62)
 UserId="47531" Comment="added 3 characters in body" --> Word Count (43)
 UserId="47687" --> Word Count (160)

UserId="47687" --> Word Count (14)
 UserId="47687" --> Word Count (1)
 UserId="43077" --> Word Count (569)
 UserId="43077" --> Word Count (3)
 UserId="43077" --> Word Count (1)
 UserId="41255" --> Word Count (80)
 UserId="47687" Comment="added 180 characters in body" --> Word Count (190)
 UserId="47693" --> Word Count (106)
 UserId="47693" --> Word Count (17)
 UserId="47693" --> Word Count (1)
 UserId="40853" Comment="via Vote" --> Word Count (1)
 UserId="40853" --> Word Count (1)
 UserId="43077" Comment="added 11 characters in body" --> Word Count (570)
 UserId="31443" --> Word Count (108)
 UserId="31443" --> Word Count (9)
 UserId="31443" --> Word Count (1)
 UserId="47698" --> Word Count (136)
 UserId="40853" Comment="Improved Formatting" --> Word Count (139)
 UserId="29575" Comment="Format Link" --> Word Count (137)
 UserId="43077" Comment="deleted 4 characters in body" --> Word Count (592)
 UserId="8560" --> Word Count (54)
 UserId="8560" --> Word Count (138)
 UserId="32288" --> Word Count (80)
 UserId="32288" --> Word Count (9)
 UserId="32288" --> Word Count (1)
 UserId="40853" Comment="Spelling correction" --> Word Count (80)
 UserId="40853" --> Word Count (264)
 UserId="40853" Comment="added 45 characters in body" --> Word Count (271)
 UserId="924" --> Word Count (72)
 UserId="924" --> Word Count (73)
 UserId="45166" --> Word Count (41)
 UserId="45166" --> Word Count (62)
 UserId="45166" --> Word Count (301)
 UserId="35644" Text="These three are quite similar but with a subtle differences-:(concise and easy to remember)

- **feature extraction and feature engineering**: transformation of raw data into features suitable for modeling;

- **feature transformation**: transformation of data to improve the accuracy of the algorithm;

- **feature selection**: removing unnecessary features.

Just to add an Example of the same,

1. Feature Extraction(we can extract something from them)

- --> Word Count (51)
 UserId="17208" --> Word Count (129)
 UserId="17208" --> Word Count (10)
 UserId="17208" --> Word Count (1)
 UserId="35644" Comment="deleted 4 characters in body" Text="These three are quite similar but with a subtle differences-:(concise and easy to remember)

- **feature extraction and feature engineering**: transformation of raw data into features suitable for

modeling;#xD;#xA;#xD;#xA;- **feature transformation**: transformation of data to improve the accuracy of the algorithm;#xD;#xA;#xD;#xA;- **feature selection**: removing unnecessary features.#xA;#xD;#xA;#xD;#xA;Just to add an Example of the same,#xA;#xD;#xA;> Feature Extraction(we can extract something from them)#xA;#xD;#xA;- --> Word Count (59)

UserId="26643" --> Word Count (91)

UserId="26643" --> Word Count (7)

UserId="26643" --> Word Count (1)

UserId="47724" --> Word Count (264)

UserId="47724" --> Word Count (9)

UserId="47724" --> Word Count (1)

UserId="45374" --> Word Count (166)

UserId="46805" --> Word Count (50)

UserId="46805" --> Word Count (7)

UserId="46805" --> Word Count (1)

UserId="47728" --> Word Count (65)

UserId="47728" --> Word Count (15)

UserId="47728" --> Word Count (1)

UserId="45221" --> Word Count (134)

UserId="35644" Comment="added 57 characters in body" Text="Adding to The answer given by Toros,
#xA;These(see below bullets) three are quite similar but with a subtle differences-:(concise and easy to remember)#xA;#xD;#xA;- **feature extraction and feature engineering**: transformation of raw data into features suitable for modeling;#xD;#xA;#xD;#xA;- **feature transformation**: transformation of data to improve the accuracy of the algorithm;#xD;#xA;#xD;#xA;- **feature selection**: removing unnecessary features.#xA;#xD;#xA;#xD;#xA;Just to add an Example of the same,#xA;#xD;#xA;> Feature Extraction(we can extract something from them)#xA;#xD;#xA;- --> Word Count (59)

UserId="45221" --> Word Count (282)

UserId="35644" Comment="added 62 characters in body" Text="Adding to The answer given by Toros,#xA;#xD;#xA;These(see below bullets) three are quite similar but with a subtle differences-:(concise and easy to remember)#xA;#xD;#xA;- **feature extraction and feature engineering**: transformation of raw data into features suitable for modeling;#xD;#xA;#xD;#xA;- **feature transformation**: transformation of data to improve the accuracy of the algorithm;#xD;#xA;#xD;#xA;- **feature selection**: removing unnecessary features.#xA;#xD;#xA;#xD;#xA;Just to add an Example of the same,#xA;#xD;#xA;> Feature Extraction(we can extract something from them)#xA;#xD;#xA;- --> Word Count (65)

UserId="14675" --> Word Count (72)

UserId="45221" --> Word Count (184)

UserId="18179" --> Word Count (87)

UserId="35644" Comment="formatting(didnt have option other than bold to account for 6 chars)" --> Word Count (285)

UserId="47739" --> Word Count (79)

UserId="47739" --> Word Count (11)

UserId="47739" --> Word Count (1)

UserId="14003" Comment="added a link to an interesting related article" -->
 Word Count (170)
 UserId="35644" Comment="added 78 characters in body" Text="Adding to The answer
 given by Toros,

These(see below bullets) three are quite
 similar but with a subtle differences-:(concise and easy to
 remember)

- **feature extraction and feature engineering**:
 transformation of raw data into features suitable for
 modeling;

- **feature transformation**:
 transformation of data to improve the accuracy of the algorithm;

- **feature
 selection**:
 removing unnecessary features.


Just to
 add an Example of the same,

> Feature Extraction(we can
 extract something from them)

- --> Word Count (78)
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 --> Word Count (266)
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UserId="29575" Comment="Format list" --> Word Count (119)
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 UserId="29781" --> Word Count (261)
 UserId="38892" --> Word Count (211)
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 UserId="47842" --> Word Count (1)
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 UserId="41929" --> Word Count (55)
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 UserId="41451" Text="I am trying ML techniques in language
 processing.
I have got 3000 short texts and I extract features(words
 and phrases) from all of them and build a vocabulary. I end up with 6000 od
 features and most of them occurs once or twice.
So for example from
 texts:

> 0: One text here 

> 1:
 Another text there

I got 

 One
 Another --> Word Count (128)
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 UserId="38657" --> Word Count (104)
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 UserId="29575" Comment="Remove extra commentary" --> Word Count (178)
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 UserId="11097" Comment="edited tags" --> Word Count (1)
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UserId="49092" --> Word Count (1)
UserId="49092" Comment="edited tags" --> Word Count (1)
UserId="49095" --> Word Count (104)
UserId="49095" --> Word Count (11)
UserId="49095" --> Word Count (1)
UserId="49075" --> Word Count (305)
UserId="49075" --> Word Count (8)
UserId="49075" --> Word Count (1)
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UserId="43077" --> Word Count (8)
UserId="43077" --> Word Count (1)
UserId="43077" Comment="added 105 characters in body" --> Word Count (339)
UserId="10548" --> Word Count (72)
UserId="-1" Comment="104" --> Word Count (4)
UserId="-1" Comment="102" --> Word Count (4)
UserId="-1" Comment="104" --> Word Count (4)
UserId="49097" --> Word Count (174)
UserId="49097" Text="Detecting Offensive" --> Word Count (6)
UserId="49097" --> Word Count (1)
UserId="49098" --> Word Count (21)
UserId="49098" --> Word Count (7)
UserId="49098" --> Word Count (1)
UserId="27665" --> Word Count (54)
UserId="43294" --> Word Count (42)
UserId="49102" --> Word Count (60)
UserId="49102" --> Word Count (5)
UserId="49102" --> Word Count (1)
UserId="381" Comment="edited title" --> Word Count (6)
UserId="49104" --> Word Count (157)
UserId="49104" --> Word Count (6)
UserId="49104" --> Word Count (1)
UserId="39830" --> Word Count (216)
UserId="39830" --> Word Count (9)
UserId="39830" --> Word Count (1)
UserId="2893" Comment="deleted 33 characters in body" --> Word Count (2967)

UserId="21163" Comment="trying to refer to the other abbreviation, we have the same as tag as well here" --> Word Count (7)
 UserId="21" Comment="105" --> Word Count (5)
 UserId="39076" Comment="added 3437 characters in body" --> Word Count (1433)
 UserId="49105" --> Word Count (59)
 UserId="49105" --> Word Count (3)
 UserId="49105" --> Word Count (1)
 UserId="43294" --> Word Count (133)
 UserId="49109" --> Word Count (30)
 UserId="49109" Comment="Mention Yarin Gal's work on Bayesian Deep Learning" --> Word Count (268)
 UserId="49113" --> Word Count (135)
 UserId="49113" --> Word Count (4)
 UserId="49113" --> Word Count (1)
 UserId="49114" --> Word Count (145)
 UserId="49114" --> Word Count (4)
 UserId="49114" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (145)
 UserId="39076" Comment="deleted 777 characters in body" --> Word Count (1450)
 UserId="38506" --> Word Count (149)
 UserId="38506" --> Word Count (8)
 UserId="38506" --> Word Count (1)
 UserId="4683" --> Word Count (173)
 UserId="49119" --> Word Count (104)
 UserId="49119" --> Word Count (15)
 UserId="49119" --> Word Count (1)
 UserId="14675" --> Word Count (171)
 UserId="45999" --> Word Count (94)
 UserId="43077" Comment="edited body" --> Word Count (339)
 UserId="29217" --> Word Count (183)
 UserId="45221" --> Word Count (216)
 UserId="29134" --> Word Count (31)
 UserId="45221" --> Word Count (156)
 UserId="21232" Comment="added followup" --> Word Count (285)
 UserId="33245" Comment="added 1 character in body; edited tags" --> Word Count (90)
 UserId="33245" Comment="added 1 character in body; edited tags" --> Word Count (1)
 UserId="49137" --> Word Count (448)
 UserId="49137" --> Word Count (6)
 UserId="49137" --> Word Count (1)
 UserId="14904" --> Word Count (133)
 UserId="47869" --> Word Count (310)
 UserId="47869" --> Word Count (6)
 UserId="47869" --> Word Count (1)
 UserId="49127" --> Word Count (135)
 UserId="49127" --> Word Count (14)
 UserId="49127" --> Word Count (1)

UserId="38892" --> Word Count (50)
 UserId="46981" --> Word Count (56)
 UserId="45999" Comment="Add framework" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (145)
 UserId="38467" --> Word Count (236)
 UserId="38467" --> Word Count (4)
 UserId="38467" --> Word Count (1)
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 UserId="43455" --> Word Count (18)
 UserId="43455" --> Word Count (1)
 UserId="16879" --> Word Count (40)
 UserId="16879" --> Word Count (12)
 UserId="16879" --> Word Count (1)
 UserId="45221" Comment="I added 2 tags that are more descriptive for the question, hoping to make it easier to find" --> Word Count (1)
 UserId="45191" --> Word Count (181)
 UserId="45191" --> Word Count (6)
 UserId="45191" --> Word Count (1)
 UserId="-1" Comment="103" --> Word Count (5)
 UserId="35644" --> Word Count (28)
 UserId="26643" --> Word Count (120)
 UserId="26643" --> Word Count (11)
 UserId="26643" --> Word Count (1)
 UserId="26643" --> Word Count (112)
 UserId="16879" Comment="edited title" --> Word Count (15)
 UserId="37063" --> Word Count (63)
 UserId="37063" --> Word Count (9)
 UserId="37063" --> Word Count (1)
 UserId="8820" --> Word Count (106)
 UserId="49097" Comment="typo" --> Word Count (175)
 UserId="27519" --> Word Count (92)
 UserId="8820" Comment="added 152 characters in body" --> Word Count (128)
 UserId="23632" --> Word Count (637)
 UserId="23632" --> Word Count (8)
 UserId="23632" --> Word Count (1)
 UserId="6433" --> Word Count (31)
 UserId="6433" --> Word Count (7)
 UserId="6433" --> Word Count (1)
 UserId="8820" Comment="added 109 characters in body" --> Word Count (141)
 UserId="49104" --> Word Count (13)
 UserId="47380" --> Word Count (49)
 UserId="47380" --> Word Count (6)
 UserId="47380" --> Word Count (1)
 UserId="26444" --> Word Count (37)
 UserId="23305" --> Word Count (118)
 UserId="6433" Comment="edited tags" --> Word Count (1)
 UserId="35644" Comment="formatting" --> Word Count (91)
 UserId="29575" Comment="formatting" --> Word Count (88)

UserId="10947" --> Word Count (55)
 UserId="10947" --> Word Count (8)
 UserId="10947" --> Word Count (1)
 UserId="15613" --> Word Count (118)
 UserId="15613" --> Word Count (5)
 UserId="15613" --> Word Count (1)
 UserId="47858" --> Word Count (53)
 UserId="47858" --> Word Count (5)
 UserId="47858" --> Word Count (1)
 UserId="2608" --> Word Count (71)
 UserId="16879" --> Word Count (11)
 UserId="16879" --> Word Count (7)
 UserId="16879" --> Word Count (1)
 UserId="47858" Comment="added 388 characters in body" --> Word Count (107)
 UserId="29587" --> Word Count (759)
 UserId="36935" --> Word Count (802)
 UserId="36935" --> Word Count (9)
 UserId="36935" --> Word Count (1)
 UserId="49195" --> Word Count (106)
 UserId="43959" --> Word Count (16)
 UserId="43959" --> Word Count (4)
 UserId="43959" --> Word Count (1)
 UserId="46527" --> Word Count (13)
 UserId="43959" Comment="edited body" --> Word Count (16)
 UserId="16368" --> Word Count (111)
 UserId="37822" --> Word Count (74)
 UserId="37822" --> Word Count (10)
 UserId="37822" --> Word Count (1)
 UserId="24532" --> Word Count (90)
 UserId="24532" --> Word Count (19)
 UserId="24532" --> Word Count (1)
 UserId="45221" Comment="added 885 characters in body" --> Word Count (310)
 UserId="46413" --> Word Count (99)
 UserId="46413" --> Word Count (8)
 UserId="46413" --> Word Count (1)
 UserId="47739" --> Word Count (43)
 UserId="47739" Comment="deleted 5 characters in body" --> Word Count (40)
 UserId="49154" --> Word Count (72)
 UserId="49154" --> Word Count (12)
 UserId="49154" --> Word Count (1)
 UserId="14906" --> Word Count (240)
 UserId="49195" --> Word Count (115)
 UserId="27108" --> Word Count (45)
 UserId="27108" --> Word Count (16)
 UserId="27108" --> Word Count (1)
 UserId="23240" --> Word Count (69)
 UserId="23240" --> Word Count (7)
 UserId="23240" --> Word Count (1)

UserId="2573" --> Word Count (51)
UserId="45221" Comment="I tried to make the question clearer based on my understanding on the question. Please feel free to change it back if I'm mistaken." --> Word Count (73)
UserId="45221" Comment="I tried to make the question clearer based on my understanding on the question. Please feel free to change it back if I'm mistaken." --> Word Count (3)
UserId="49217" --> Word Count (56)
UserId="49217" Comment="via Vote" --> Word Count (2)
UserId="49217" Comment="deleted 2 characters in body" --> Word Count (55)
UserId="49217" --> Word Count (2)
UserId="26444" --> Word Count (63)
UserId="37822" Comment="added 792 characters in body" --> Word Count (201)
UserId="49217" --> Word Count (530)
UserId="36935" --> Word Count (214)
UserId="49217" Comment="deleted 4 characters in body" --> Word Count (54)
UserId="43077" --> Word Count (43)
UserId="49114" --> Word Count (41)
UserId="12515" --> Word Count (166)
UserId="49016" --> Word Count (36)
UserId="49230" --> Word Count (64)
UserId="49228" --> Word Count (271)
UserId="49228" --> Word Count (5)
UserId="49228" --> Word Count (1)
UserId="49109" --> Word Count (180)
UserId="29781" --> Word Count (107)
UserId="49003" --> Word Count (21)
UserId="49003" --> Word Count (6)
UserId="49003" --> Word Count (1)
UserId="47308" --> Word Count (378)
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UserId="49242" --> Word Count (89)
UserId="49242" --> Word Count (16)
UserId="49242" --> Word Count (1)
UserId="49105" Comment="explained it clearly" --> Word Count (245)
UserId="30212" --> Word Count (20)
UserId="44064" --> Word Count (41)
UserId="44064" --> Word Count (8)
UserId="44064" --> Word Count (1)
UserId="29781" Comment="Typos fixed" --> Word Count (89)
UserId="29575" Comment="Format code" --> Word Count (71)
UserId="49259" --> Word Count (130)
UserId="49259" --> Word Count (10)
UserId="49259" --> Word Count (1)
UserId="924" --> Word Count (13)
UserId="924" Comment="edited body" --> Word Count (135)
UserId="16879" Comment="added 54 characters in body" --> Word Count (22)

UserId="49154" --> Word Count (85)
 UserId="49154" --> Word Count (3)
 UserId="49154" --> Word Count (1)
 UserId="2893" --> Word Count (94)
 UserId="2893" --> Word Count (7)
 UserId="2893" --> Word Count (1)
 UserId="47380" --> Word Count (246)
 UserId="47380" --> Word Count (9)
 UserId="47380" --> Word Count (1)
 UserId="49154" --> Word Count (31)
 UserId="49154" --> Word Count (6)
 UserId="49154" --> Word Count (1)
 UserId="38487" --> Word Count (44)
 UserId="25696" --> Word Count (124)
 UserId="25696" --> Word Count (14)
 UserId="25696" --> Word Count (1)
 UserId="29587" Comment="Fixed grammar and format." --> Word Count (21)
 UserId="29587" --> Word Count (100)
 UserId="25696" Comment="added 2987 characters in body" --> Word Count (894)
 UserId="49274" --> Word Count (28)
 UserId="49274" --> Word Count (5)
 UserId="49274" --> Word Count (1)
 UserId="29587" --> Word Count (300)
 UserId="43077" --> Word Count (78)
 UserId="49284" --> Word Count (81)
 UserId="836" --> Word Count (210)
 UserId="836" Comment="added 65 characters in body" --> Word Count (220)
 UserId="836" Comment="added 217 characters in body" --> Word Count (269)
 UserId="836" Comment="added 1 character in body" --> Word Count (269)
 UserId="836" Comment="added 1 character in body" --> Word Count (282)
 UserId="20429" --> Word Count (127)
 UserId="25696" Comment="added 220 characters in body" --> Word Count (914)
 UserId="13736" --> Word Count (243)
 UserId="13736" --> Word Count (10)
 UserId="13736" --> Word Count (1)
 UserId="836" Comment="added 250 characters in body" --> Word Count (299)
 UserId="39331" --> Word Count (50)
 UserId="39331" --> Word Count (4)
 UserId="39331" --> Word Count (1)
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 UserId="21896" --> Word Count (5)
 UserId="21896" --> Word Count (1)
 UserId="44623" Text="I found [this](https://github.com/davidadamojr/ --> Word Count (79)
 UserId="44623" --> Word Count (11)
 UserId="44623" --> Word Count (1)
 UserId="36935" --> Word Count (230)
 UserId="36935" --> Word Count (14)

UserId="36935" --> Word Count (1)
 UserId="35644" --> Word Count (79)
 UserId="35644" --> Word Count (7)
 UserId="35644" --> Word Count (1)
 UserId="35644" Comment="added 33 characters in body" --> Word Count (84)
 UserId="35644" --> Word Count (46)
 UserId="35644" Comment="added 33 characters in body" --> Word Count (87)
 UserId="49297" --> Word Count (84)
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 UserId="49297" --> Word Count (1)
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 UserId="43818" --> Word Count (58)
 UserId="43818" --> Word Count (6)
 UserId="43818" --> Word Count (1)
 UserId="49112" --> Word Count (135)
 UserId="49112" --> Word Count (12)
 UserId="49112" --> Word Count (1)
 UserId="16213" --> Word Count (37)
 UserId="16213" Comment="added 106 characters in body" --> Word Count (54)
 UserId="44623" Comment="edited tags" --> Word Count (1)
 UserId="-1" Comment="added relevant things to title so as to make question more easily searchable" --> Word Count (10)
 UserId="-1" Comment="102" --> Word Count (2)
 UserId="49303" Comment="Added a tag." --> Word Count (1)
 UserId="49306" --> Word Count (102)
 UserId="49308" --> Word Count (236)
 UserId="49308" --> Word Count (5)
 UserId="49308" --> Word Count (1)
 UserId="49228" Comment="deleted 31 characters in body" --> Word Count (266)
 UserId="49228" Comment="deleted 31 characters in body" --> Word Count (1)
 UserId="16613" --> Word Count (181)
 UserId="46898" --> Word Count (142)
 UserId="46898" --> Word Count (5)
 UserId="46898" --> Word Count (1)
 UserId="23305" --> Word Count (32)
 UserId="44623" --> Word Count (29)
 UserId="49112" Comment="added 52 characters in body" --> Word Count (144)
 UserId="49299" --> Word Count (57)
 UserId="49177" --> Word Count (221)
 UserId="29587" --> Word Count (327)
 UserId="45262" --> Word Count (96)
 UserId="45262" --> Word Count (12)
 UserId="45262" --> Word Count (1)
 UserId="4683" --> Word Count (76)
 UserId="38506" --> Word Count (70)
 UserId="38506" --> Word Count (7)
 UserId="38506" --> Word Count (1)
 UserId="44861" --> Word Count (215)

UserId="44861" --> Word Count (10)
 UserId="44861" --> Word Count (1)
 UserId="44623" Comment="edited body" --> Word Count (29)
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 UserId="49058" --> Word Count (10)
 UserId="49058" --> Word Count (1)
 UserId="29587" --> Word Count (125)
 UserId="40162" --> Word Count (194)
 UserId="40162" --> Word Count (8)
 UserId="40162" --> Word Count (1)
 UserId="4683" --> Word Count (22)
 UserId="4683" Comment="added 154 characters in body" --> Word Count (46)
 UserId="32429" --> Word Count (26)
 UserId="32429" --> Word Count (9)
 UserId="32429" --> Word Count (1)
 UserId="49341" --> Word Count (74)
 UserId="49341" --> Word Count (5)
 UserId="49341" --> Word Count (1)
 UserId="49290" --> Word Count (181)
 UserId="49290" --> Word Count (11)
 UserId="49290" --> Word Count (1)
 UserId="49290" Comment="added 284 characters in body" --> Word Count (224)
 UserId="49290" Comment="added 284 characters in body" --> Word Count (6)
 UserId="47730" --> Word Count (123)
 UserId="47730" --> Word Count (6)
 UserId="47730" --> Word Count (1)
 UserId="11097" --> Word Count (1)
 UserId="33245" --> Word Count (11)
 UserId="49290" Comment="added 490 characters in body" --> Word Count (287)
 UserId="43294" --> Word Count (113)
 UserId="49290" Comment="added 212 characters in body" --> Word Count (317)
 UserId="49290" Comment="added 212 characters in body" --> Word Count (337)
 UserId="28175" --> Word Count (596)
 UserId="28175" Comment="added 34 characters in body; edited tags" --> Word Count (339)
 UserId="28175" Comment="added 34 characters in body; edited tags" --> Word Count (1)
 UserId="28175" Comment="deleted 25 characters in body" --> Word Count (339)
 UserId="49290" Comment="added 447 characters in body" --> Word Count (409)
 UserId="5268" --> Word Count (278)
 UserId="49358" --> Word Count (299)
 UserId="49358" --> Word Count (4)
 UserId="49358" --> Word Count (1)
 UserId="29587" Comment="added 3265 characters in body" --> Word Count (881)
 UserId="43878" --> Word Count (45)
 UserId="43878" --> Word Count (9)
 UserId="43878" --> Word Count (1)
 UserId="35644" --> Word Count (156)

UserId="49377" --> Word Count (62)
 UserId="49377" --> Word Count (6)
 UserId="49377" --> Word Count (1)
 UserId="49378" --> Word Count (117)
 UserId="13179" --> Word Count (175)
 UserId="13179" --> Word Count (6)
 UserId="13179" --> Word Count (1)
 UserId="13179" Comment="deleted 8 characters in body" --> Word Count (173)
 UserId="41255" --> Word Count (115)
 UserId="41255" --> Word Count (19)
 UserId="41255" --> Word Count (1)
 UserId="8560" --> Word Count (619)
 UserId="28175" --> Word Count (36)
 UserId="28175" Comment="deleted 6 characters in body; edited tags" --> Word Count (44)
 UserId="28175" Comment="deleted 6 characters in body; edited tags" --> Word Count (1)
 UserId="47750" --> Word Count (95)
 UserId="49382" --> Word Count (60)
 UserId="49382" --> Word Count (10)
 UserId="49382" --> Word Count (1)
 UserId="49290" --> Word Count (57)
 UserId="49278" --> Word Count (28)
 UserId="49278" --> Word Count (6)
 UserId="49278" --> Word Count (1)
 UserId="44114" --> Word Count (179)
 UserId="8560" Comment="added 1207 characters in body" --> Word Count (871)
 UserId="8560" Comment="added 1207 characters in body" --> Word Count (904)
 UserId="49137" Comment="deleted 30 characters in body" --> Word Count (416)
 UserId="27583" --> Word Count (158)
 UserId="27583" --> Word Count (5)
 UserId="27583" --> Word Count (1)
 UserId="924" --> Word Count (113)
 UserId="6433" Comment="enhance question code appearnce" --> Word Count (267)
 UserId="29575" Comment="enhance question code appearnce" --> Word Count (261)
 UserId="34269" --> Word Count (262)
 UserId="10548" Comment="added 546 characters in body" --> Word Count (146)
 UserId="49411" --> Word Count (56)
 UserId="49411" --> Word Count (10)
 UserId="49411" --> Word Count (1)
 UserId="49411" --> Word Count (80)
 UserId="47750" --> Word Count (127)
 UserId="49411" Comment="slight wording improvement" --> Word Count (57)
 UserId="49411" Comment="slight wording improvement" --> Word Count (78)
 UserId="1330" --> Word Count (28)
 UserId="49411" Comment="make title more specific" --> Word Count (13)
 UserId="836" Comment="edited body" --> Word Count (298)
 UserId="38506" --> Word Count (48)

UserId="38506" --> Word Count (9)
 UserId="38506" --> Word Count (1)
 UserId="28175" --> Word Count (70)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (49)
 UserId="28175" Comment="added 99 characters in body" --> Word Count (85)
 UserId="49426" --> Word Count (67)
 UserId="38892" --> Word Count (31)
 UserId="26019" --> Word Count (993)
 UserId="26019" --> Word Count (11)
 UserId="26019" --> Word Count (1)
 UserId="47359" --> Word Count (477)
 UserId="47359" --> Word Count (8)
 UserId="47359" --> Word Count (1)
 UserId="47359" Comment="added 23 characters in body" --> Word Count (480)
 UserId="28175" --> Word Count (339)
 UserId="38892" --> Word Count (57)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="38892" Comment="via Vote" --> Word Count (3)
 UserId="47561" --> Word Count (203)
 UserId="47561" --> Word Count (8)
 UserId="47561" --> Word Count (1)
 UserId="47600" --> Word Count (136)
 UserId="47600" --> Word Count (9)
 UserId="47600" --> Word Count (1)
 UserId="47359" Comment="added 9 characters in body" --> Word Count (481)
 UserId="45262" --> Word Count (91)
 UserId="45262" --> Word Count (8)
 UserId="45262" --> Word Count (1)
 UserId="29575" Comment="Fix typo" --> Word Count (136)
 UserId="1330" Text="A working example of a Variational Autoencoder for Text Generation in Keras can be found [here][1].

Cross-entropy loss, aka log loss, measures the performance of a model whose output is a probability value between 0 and 1 for classification. Cross-entropy loss goes up as the predicted probability diverges from the actual label. In the case of character-by-character autoencoder, each character in the vocabulary would be a label.

Cross-entropy works if the input and output are the same size, that is the case in character-by-character autoencoder. Often times in text analysis, the input and output sequences are different lengths so a second term, [encoder loss][2], is added to the objective function.


 [1]: <https://github.com/Toni-Antonova/VAE-> --> Word Count (4)
 UserId="35644" Comment="formatting" --> Word Count (995)
 UserId="29575" Comment="formatting" --> Word Count (993)
 UserId="46326" --> Word Count (69)
 UserId="46326" --> Word Count (14)
 UserId="46326" --> Word Count (1)
 UserId="35644" --> Word Count (38)

UserId="35644" Comment="Formatting" --> Word Count (159)
UserId="38892" --> Word Count (3)
UserId="35644" Comment="added 14 characters in body" --> Word Count (40)
UserId="4683" --> Word Count (124)
UserId="44139" --> Word Count (60)
UserId="49461" --> Word Count (398)
UserId="49461" --> Word Count (9)
UserId="49461" --> Word Count (1)
UserId="35597" Comment="deleted 318 characters in body; edited title" --> Word Count (13)
UserId="35597" Comment="deleted 318 characters in body; edited title" --> Word Count (5)
UserId="49226" --> Word Count (135)
UserId="49226" --> Word Count (6)
UserId="49226" --> Word Count (1)
UserId="33198" --> Word Count (270)
UserId="33198" --> Word Count (20)
UserId="33198" --> Word Count (1)
UserId="46326" Comment="removed thanks" --> Word Count (65)
UserId="33198" Comment="added 6 characters in body" --> Word Count (274)
UserId="28812" --> Word Count (106)
UserId="28812" --> Word Count (8)
UserId="28812" --> Word Count (1)
UserId="44139" --> Word Count (211)
UserId="28812" Comment="added 195 characters in body" --> Word Count (144)
UserId="28812" Comment="added 102 characters in body" --> Word Count (163)
UserId="28812" --> Word Count (57)
UserId="49470" --> Word Count (8)
UserId="2932" Comment="added 9 characters in body" --> Word Count (223)
UserId="49477" --> Word Count (116)
UserId="19161" --> Word Count (110)
UserId="24887" --> Word Count (123)
UserId="24887" --> Word Count (9)
UserId="24887" --> Word Count (1)
UserId="1330" --> Word Count (93)
UserId="4683" Comment="edited body" --> Word Count (124)
UserId="45431" --> Word Count (165)
UserId="24887" Comment="added 1 character in body" --> Word Count (123)
UserId="44114" Comment="edited body" --> Word Count (179)
UserId="49483" --> Word Count (57)
UserId="42531" --> Word Count (65)
UserId="47242" --> Word Count (115)
UserId="47242" --> Word Count (2)
UserId="47242" --> Word Count (1)
UserId="49491" --> Word Count (354)
UserId="49491" --> Word Count (12)
UserId="49491" --> Word Count (1)
UserId="13023" --> Word Count (422)

UserId="46054" --> Word Count (66)
 UserId="46054" --> Word Count (9)
 UserId="46054" --> Word Count (1)
 UserId="24000" Comment="Reformatted" --> Word Count (59)
 UserId="29587" Comment="[Edit removed during grace period]" --> Word Count (524)
 UserId="1029" --> Word Count (76)
 UserId="1029" --> Word Count (99)
 UserId="47736" --> Word Count (61)
 UserId="47736" --> Word Count (11)
 UserId="47736" --> Word Count (1)
 UserId="25223" --> Word Count (35)
 UserId="49354" --> Word Count (85)
 UserId="49354" --> Word Count (10)
 UserId="49354" --> Word Count (1)
 UserId="49517" --> Word Count (204)
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 UserId="49517" --> Word Count (1)
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 UserId="40515" --> Word Count (12)
 UserId="40515" --> Word Count (1)
 UserId="40515" Comment="added link to post, added a defintion " --> Word Count (69)
 UserId="29587" --> Word Count (618)
 UserId="24790" --> Word Count (130)
 UserId="24790" --> Word Count (9)
 UserId="24790" --> Word Count (1)
 UserId="45762" --> Word Count (130)
 UserId="44139" --> Word Count (6)
 UserId="29587" Comment="added 3190 characters in body" --> Word Count (1258)
 UserId="40853" --> Word Count (156)
 UserId="35644" --> Word Count (65)
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 UserId="43061" --> Word Count (1)
 UserId="24790" Comment="added 104 characters in body" --> Word Count (145)
 UserId="33312" --> Word Count (109)
 UserId="33312" --> Word Count (9)
 UserId="33312" --> Word Count (1)
 UserId="44089" --> Word Count (117)
 UserId="24000" Comment="Reformatted" --> Word Count (199)
 UserId="44089" Comment="initial commit" --> Word Count (78)
 UserId="11097" Comment="initial commit" --> Word Count (73)
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UserId="41656" --> Word Count (486)
UserId="41656" --> Word Count (4)
UserId="41656" --> Word Count (1)
UserId="28175" --> Word Count (132)
UserId="28175" Comment="edited tags" --> Word Count (1)
UserId="28175" Comment="edited tags" --> Word Count (10)
UserId="47795" --> Word Count (44)
UserId="47795" --> Word Count (4)
UserId="47795" --> Word Count (1)
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UserId="49354" --> Word Count (8)
UserId="49354" --> Word Count (1)
UserId="28175" --> Word Count (392)
UserId="29217" --> Word Count (56)
UserId="1330" Comment="added 181 characters in body" --> Word Count (102)
UserId="49454" --> Word Count (211)
UserId="49454" --> Word Count (6)
UserId="49454" --> Word Count (1)
UserId="46313" --> Word Count (297)
UserId="46313" --> Word Count (10)
UserId="46313" --> Word Count (1)
UserId="49535" --> Word Count (10)
UserId="289" --> Word Count (1691)
UserId="35644" Comment="added 76 characters in body" --> Word Count (68)
UserId="49534" --> Word Count (499)
UserId="49534" --> Word Count (7)
UserId="49534" --> Word Count (1)
UserId="49537" --> Word Count (137)
UserId="49537" --> Word Count (7)
UserId="49537" --> Word Count (1)
UserId="45701" --> Word Count (173)
UserId="45701" --> Word Count (8)
UserId="45701" --> Word Count (1)
UserId="49544" --> Word Count (110)
UserId="41886" --> Word Count (59)
UserId="49542" --> Word Count (322)
UserId="47747" --> Word Count (37)
UserId="47747" --> Word Count (9)
UserId="47747" --> Word Count (1)
UserId="41886" --> Word Count (298)
UserId="46313" Comment="deleted 1 character in body" --> Word Count (298)
UserId="8560" --> Word Count (92)
UserId="45077" --> Word Count (107)
UserId="49550" --> Word Count (73)
UserId="49550" --> Word Count (5)

UserId="49550" --> Word Count (1)
 UserId="49534" Comment="edited body" --> Word Count (499)
 UserId="48977" --> Word Count (79)
 UserId="24593" --> Word Count (50)
 UserId="49556" --> Word Count (41)
 UserId="49556" --> Word Count (9)
 UserId="49556" --> Word Count (1)
 UserId="24593" --> Word Count (103)
 UserId="24593" --> Word Count (106)
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 UserId="24000" Comment="Reformatted" --> Word Count (7)
 UserId="49571" --> Word Count (68)
 UserId="49570" --> Word Count (65)
 UserId="49570" --> Word Count (14)
 UserId="49570" --> Word Count (1)
 UserId="924" --> Word Count (13)
 UserId="49572" --> Word Count (210)
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 UserId="49572" --> Word Count (1)
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 UserId="8820" Comment="added 94 characters in body" --> Word Count (113)
 UserId="49577" --> Word Count (96)
 UserId="49522" --> Word Count (101)
 UserId="49522" --> Word Count (11)
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 UserId="49119" --> Word Count (161)
 UserId="49119" --> Word Count (12)
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 UserId="49583" --> Word Count (27)
 UserId="46749" --> Word Count (171)
 UserId="43147" --> Word Count (34)
 UserId="14675" --> Word Count (68)
 UserId="45431" --> Word Count (94)
 UserId="14675" Comment="deleted 139 characters in body" --> Word Count (43)
 UserId="46143" --> Word Count (129)
 UserId="46143" --> Word Count (8)
 UserId="46143" --> Word Count (1)
 UserId="45431" --> Word Count (122)
 UserId="49597" --> Word Count (216)
 UserId="49597" --> Word Count (15)
 UserId="49597" --> Word Count (1)

UserId="45431" --> Word Count (64)
 UserId="37822" --> Word Count (160)
 UserId="45431" --> Word Count (156)
 UserId="49598" --> Word Count (130)
 UserId="49598" --> Word Count (5)
 UserId="49598" --> Word Count (1)
 UserId="24000" Comment="Reformatted" --> Word Count (222)
 UserId="29575" Comment="Minor grammar" --> Word Count (96)
 UserId="49603" --> Word Count (118)
 UserId="49603" --> Word Count (20)
 UserId="49603" --> Word Count (1)
 UserId="41886" --> Word Count (235)
 UserId="43077" Comment="deleted 69 characters in body" --> Word Count (239)
 UserId="49617" --> Word Count (77)
 UserId="42248" --> Word Count (38)
 UserId="42248" --> Word Count (18)
 UserId="42248" --> Word Count (1)
 UserId="42248" --> Word Count (93)
 UserId="49620" --> Word Count (208)
 UserId="49620" --> Word Count (5)
 UserId="49620" --> Word Count (1)
 UserId="42248" Comment="added 32 characters in body; edited title" --> Word Count (43)
 UserId="42248" Comment="added 32 characters in body; edited title" --> Word Count (21)
 UserId="49622" --> Word Count (26)
 UserId="49622" Comment="added 71 characters in body" --> Word Count (30)
 UserId="40767" --> Word Count (36)
 UserId="49625" --> Word Count (211)
 UserId="49622" Comment="added 61 characters in body" --> Word Count (39)
 UserId="49624" --> Word Count (91)
 UserId="49624" --> Word Count (11)
 UserId="49624" --> Word Count (1)
 UserId="47600" --> Word Count (69)
 UserId="47600" --> Word Count (11)
 UserId="47600" --> Word Count (1)
 UserId="49628" --> Word Count (78)
 UserId="49628" --> Word Count (14)
 UserId="49628" --> Word Count (1)
 UserId="49628" Comment="edited tags" --> Word Count (1)
 UserId="49628" Comment="edited tags" --> Word Count (81)
 UserId="49630" --> Word Count (124)
 UserId="49630" --> Word Count (6)
 UserId="49630" --> Word Count (1)
 UserId="35437" --> Word Count (20)
 UserId="45216" --> Word Count (48)
 UserId="45216" --> Word Count (198)
 UserId="45216" --> Word Count (8)

UserId="45216" --> Word Count (1)
UserId="24000" --> Word Count (403)
UserId="24000" Comment="Reformatted" --> Word Count (134)
UserId="24000" Comment="Reformatted" --> Word Count (11)
UserId="49577" Comment="added 14 characters in body" --> Word Count (97)
UserId="-1" Comment="105" --> Word Count (4)
UserId="35644" --> Word Count (584)
UserId="49648" --> Word Count (101)
UserId="45166" --> Word Count (303)
UserId="46454" --> Word Count (95)
UserId="46454" --> Word Count (10)
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UserId="24000" Comment="Reformatted" --> Word Count (100)
UserId="24000" Comment="Reformatted" --> Word Count (13)
UserId="35644" Comment="formatting" --> Word Count (150)
UserId="49664" --> Word Count (88)
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UserId="30048" --> Word Count (91)
UserId="49665" --> Word Count (130)
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UserId="49665" --> Word Count (1)
UserId="49667" --> Word Count (74)
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UserId="33202" --> Word Count (25)
UserId="49667" Comment="added 13 characters in body" --> Word Count (76)
UserId="37822" Comment="added 72 characters in body" --> Word Count (160)
UserId="47061" --> Word Count (320)
UserId="47061" --> Word Count (15)
UserId="47061" --> Word Count (1)
UserId="245" --> Word Count (72)
UserId="245" --> Word Count (15)
UserId="245" --> Word Count (1)
UserId="35644" --> Word Count (37)
UserId="43770" --> Word Count (40)
UserId="35644" Comment="added 19 characters in body; deleted 4 characters in body" --> Word Count (41)
UserId="43770" --> Word Count (67)
UserId="49621" --> Word Count (260)
UserId="49621" --> Word Count (5)
UserId="49621" --> Word Count (1)
UserId="245" Comment="added 315 characters in body" --> Word Count (125)
UserId="29752" --> Word Count (66)
UserId="47739" --> Word Count (93)
UserId="49604" --> Word Count (112)
UserId="49604" --> Word Count (13)

UserId="49604" --> Word Count (1)
 UserId="49195" --> Word Count (196)
 UserId="12490" --> Word Count (68)
 UserId="38892" Comment="Latex, Spacing, and link formatting." --> Word Count (43)
 UserId="49690" Text="Iam training a Keras model for end-to-end speech recognition. I have my own dataset of speech containing about 400 wave files." --> Word Count (443)
 UserId="49690" --> Word Count (15)
 UserId="49690" --> Word Count (1)
 UserId="43770" Comment="added 2 characters in body" --> Word Count (67)
 UserId="47739" Comment="added 132 characters in body" --> Word Count (114)
 UserId="49696" --> Word Count (60)
 UserId="49696" --> Word Count (15)
 UserId="49696" --> Word Count (1)
 UserId="49696" --> Word Count (266)
 UserId="44114" --> Word Count (47)
 UserId="49697" --> Word Count (55)
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 UserId="44114" Comment="added 322 characters in body" --> Word Count (72)
 UserId="49700" --> Word Count (137)
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 UserId="49699" --> Word Count (292)
 UserId="49665" Comment="detailed example" --> Word Count (254)
 UserId="16213" --> Word Count (44)
 UserId="49704" --> Word Count (97)
 UserId="44114" Comment="added 13 characters in body" --> Word Count (72)
 UserId="49705" --> Word Count (179)
 UserId="49705" --> Word Count (26)
 UserId="49705" --> Word Count (1)
 UserId="49704" Comment="added roadmap" --> Word Count (164)
 UserId="49705" Comment="deleted 2 characters in body; added 39 characters in body" --> Word Count (188)
 UserId="49704" --> Word Count (175)
 UserId="49705" Comment="deleted 36 characters in body" --> Word Count (185)
 UserId="49704" Comment="added 33 characters in body" --> Word Count (222)
 UserId="43147" --> Word Count (128)
 UserId="49704" --> Word Count (48)
 UserId="11097" --> Word Count (98)
 UserId="11097" Comment="added 269 characters in body" --> Word Count (138)
 UserId="49704" Comment="added feeding words" --> Word Count (52)
 UserId="49704" --> Word Count (149)
 UserId="49704" Comment="rewording the loss" --> Word Count (151)
 UserId="49704" Comment="added GRU/LSTM" --> Word Count (154)
 UserId="41929" --> Word Count (173)
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UserId="41929" --> Word Count (1)
 UserId="1330" --> Word Count (133)
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 UserId="49780" UserDisplayName="SaldaVonSchwartz" --> Word Count (9)
 UserId="49780" UserDisplayName="SaldaVonSchwartz" --> Word Count (1)
 UserId="41929" Comment="added 219 characters in body" --> Word Count (209)
 UserId="12527" Comment="added details" --> Word Count (158)
 UserId="24000" Comment="Reformatted" Text="Iam training a Keras model for end-to-end speech recognition. I have my own dataset of speech containing about 400 wave files. --> Word Count (655)
 UserId="1330" Comment="deleted 1 character in body" --> Word Count (133)
 UserId="29575" Comment="Minor formatting" --> Word Count (291)
 UserId="13736" --> Word Count (88)
 UserId="13736" --> Word Count (11)
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 UserId="49729" --> Word Count (13)
 UserId="49729" --> Word Count (1)
 UserId="39308" --> Word Count (110)
 UserId="29575" Comment="Minor formatting" --> Word Count (147)
 UserId="39308" --> Word Count (86)
 UserId="47308" --> Word Count (369)
 UserId="49731" --> Word Count (512)
 UserId="49731" --> Word Count (8)
 UserId="49731" --> Word Count (1)
 UserId="49733" --> Word Count (89)
 UserId="49733" --> Word Count (5)
 UserId="49733" --> Word Count (1)
 UserId="8560" --> Word Count (147)
 UserId="8560" --> Word Count (266)
 UserId="8560" Comment="added 39 characters in body" --> Word Count (154)
 UserId="8560" --> Word Count (70)
 UserId="8560" --> Word Count (136)
 UserId="46452" Comment="more info added" --> Word Count (74)
 UserId="1330" --> Word Count (86)
 UserId="43770" --> Word Count (16)
 UserId="43770" --> Word Count (58)
 UserId="49739" --> Word Count (139)
 UserId="49739" Comment="deleted 12 characters in body" --> Word Count (137)
 UserId="29575" Comment="Format list" --> Word Count (58)
 UserId="49454" --> Word Count (142)
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 UserId="49454" --> Word Count (1)
 UserId="49454" Comment="deleted 23 characters in body" --> Word Count (145)
 UserId="49752" --> Word Count (184)

UserId="49752" --> Word Count (9)
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 UserId="30048" --> Word Count (29)
 UserId="49755" --> Word Count (64)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (54)
 UserId="14675" Comment="fix typo pointed out by commenter" --> Word Count (98)
 UserId="49696" Comment="added 2 characters in body" --> Word Count (266)
 UserId="49696" Comment="added 2 characters in body" --> Word Count (266)
 UserId="49696" Comment="added 2 characters in body" --> Word Count (266)
 UserId="1330" --> Word Count (39)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (183)
 UserId="49770" --> Word Count (266)
 UserId="49770" --> Word Count (14)
 UserId="49770" --> Word Count (1)
 UserId="49779" --> Word Count (18)
 UserId="29575" Comment="Add some latex" --> Word Count (43)
 UserId="49781" --> Word Count (67)
 UserId="49781" --> Word Count (8)
 UserId="49781" --> Word Count (1)
 UserId="381" --> Word Count (259)
 UserId="49762" --> Word Count (33)
 UserId="49762" --> Word Count (13)
 UserId="49762" --> Word Count (1)
 UserId="49787" --> Word Count (617)
 UserId="49787" --> Word Count (12)
 UserId="49787" --> Word Count (1)
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 UserId="37172" --> Word Count (8)
 UserId="37172" --> Word Count (1)
 UserId="49808" --> Word Count (113)
 UserId="49808" --> Word Count (9)
 UserId="49808" --> Word Count (1)
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 UserId="13023" Comment="increased the clarity of the question." --> Word Count (51)
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 UserId="33856" --> Word Count (9)
 UserId="33856" --> Word Count (1)
 UserId="13023" Comment="typo" --> Word Count (153)
 UserId="13023" Comment="added proper tags for question" --> Word Count (1)
 UserId="1330" --> Word Count (116)
 UserId="35644" Comment="added 51 characters in body; added 3 characters in body; edited body; deleted 1 character in body; added 4 characters in body; deleted 5 characters in body" --> Word Count (29)
 UserId="18434" --> Word Count (364)
 UserId="49814" --> Word Count (161)
 UserId="49814" --> Word Count (3)
 UserId="49814" --> Word Count (1)

UserId="49717" --> Word Count (11)
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 UserId="49717" --> Word Count (1)
 UserId="49780" --> Word Count (105)
 UserId="4683" --> Word Count (18)
 UserId="1330" --> Word Count (25)
 UserId="13023" --> Word Count (464)
 UserId="13023" Comment="typo" --> Word Count (469)
 UserId="13023" Comment="added explanation" --> Word Count (475)
 UserId="49826" --> Word Count (29)
 UserId="49826" --> Word Count (12)
 UserId="49826" --> Word Count (1)
 UserId="44299" Comment="Rollback to [8eaf732a-3def-4073-9843-98fc0a77db9a] -
 Edit approval overridden by post owner or moderator" --> Word Count (55)
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 UserId="41204" --> Word Count (12)
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 UserId="49832" --> Word Count (11)
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 UserId="49833" --> Word Count (13)
 UserId="49833" --> Word Count (1)
 UserId="49835" --> Word Count (39)
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 UserId="43193" --> Word Count (1)
 UserId="24005" --> Word Count (144)
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 UserId="24005" --> Word Count (1)
 UserId="8820" --> Word Count (81)
 UserId="8820" --> Word Count (138)
 UserId="8820" --> Word Count (48)
 UserId="8820" Comment="added 101 characters in body" --> Word Count (99)
 UserId="8820" --> Word Count (498)
 UserId="21163" --> Word Count (126)
 UserId="28175" --> Word Count (109)
 UserId="21163" --> Word Count (81)
 UserId="28175" --> Word Count (57)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (41)
 UserId="21163" Comment="added 128 characters in body" --> Word Count (144)
 UserId="32402" --> Word Count (82)
 UserId="32402" Comment="added 130 characters in body" --> Word Count (100)
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 UserId="836" Comment="added 347 characters in body" --> Word Count (517)
 UserId="26562" Comment="deleted 1 character in body" --> Word Count (274)
 UserId="33338" --> Word Count (64)
 UserId="33338" --> Word Count (9)
 UserId="33338" --> Word Count (1)
 UserId="33202" --> Word Count (60)
 UserId="47149" --> Word Count (115)
 UserId="47149" --> Word Count (5)
 UserId="47149" --> Word Count (1)
 UserId="49851" --> Word Count (67)
 UserId="35644" --> Word Count (94)
 UserId="49852" --> Word Count (70)
 UserId="35644" Comment="added 51 characters in body" --> Word Count (121)
 UserId="49856" --> Word Count (231)
 UserId="49856" --> Word Count (4)
 UserId="49856" --> Word Count (1)
 UserId="37932" --> Word Count (104)
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 UserId="37932" --> Word Count (1)
 UserId="49861" --> Word Count (283)
 UserId="49861" --> Word Count (11)
 UserId="49861" --> Word Count (1)
 UserId="14372" Comment="Corrected spelling" --> Word Count (36)
 UserId="23305" --> Word Count (30)
 UserId="41297" --> Word Count (41)
 UserId="41297" --> Word Count (13)
 UserId="41297" --> Word Count (1)
 UserId="35644" Comment="added 73 characters in body; added 19 characters in body" --> Word Count (137)
 UserId="47308" --> Word Count (122)
 UserId="28175" --> Word Count (100)
 UserId="26019" --> Word Count (1123)
 UserId="45216" Comment="Small spelling and grammatical change." --> Word Count (364)
 UserId="29575" Comment="Small spelling and grammatical change." --> Word Count (363)
 UserId="24000" --> Word Count (320)
 UserId="24000" Comment="Reformatted" --> Word Count (283)
 UserId="24000" Comment="Reformatted" --> Word Count (13)
 UserId="8878" --> Word Count (194)
 UserId="43147" --> Word Count (35)
 UserId="23708" --> Word Count (21)
 UserId="49878" --> Word Count (48)
 UserId="49878" --> Word Count (8)
 UserId="49878" --> Word Count (1)
 UserId="49583" --> Word Count (141)

UserId="26394" --> Word Count (190)
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 UserId="46674" --> Word Count (8)
 UserId="46674" --> Word Count (1)
 UserId="26394" Comment="edited answer" --> Word Count (618)
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 UserId="49884" --> Word Count (1)
 UserId="24000" --> Word Count (100)
 UserId="49884" --> Word Count (35)
 UserId="28175" --> Word Count (112)
 UserId="28175" Comment="deleted 2 characters in body; edited tags" --> Word Count (32)
 UserId="28175" Comment="deleted 2 characters in body; edited tags" --> Word Count (1)
 UserId="26394" Comment="import" --> Word Count (626)
 UserId="47570" --> Word Count (104)
 UserId="47570" --> Word Count (5)
 UserId="47570" --> Word Count (1)
 UserId="40123" --> Word Count (39)
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 UserId="39198" --> Word Count (161)
 UserId="39198" --> Word Count (13)
 UserId="39198" --> Word Count (1)
 UserId="1330" --> Word Count (155)
 UserId="12490" --> Word Count (23)
 UserId="49861" Comment="added 3161 characters in body" --> Word Count (920)
 UserId="49899" --> Word Count (130)
 UserId="49899" --> Word Count (6)
 UserId="49899" --> Word Count (1)
 UserId="49893" --> Word Count (46)
 UserId="49893" --> Word Count (4)
 UserId="49893" --> Word Count (1)
 UserId="49899" Comment="added 351 characters in body" --> Word Count (181)
 UserId="44389" --> Word Count (330)
 UserId="44389" --> Word Count (6)
 UserId="44389" --> Word Count (1)
 UserId="35644" Comment="formatting" --> Word Count (1210)
 UserId="44139" --> Word Count (66)
 UserId="44139" --> Word Count (10)
 UserId="44139" --> Word Count (1)
 UserId="49787" Comment="deleted 914 characters in body" --> Word Count (447)
 UserId="44389" Comment="Clarified TWIML talk not main paper" --> Word Count (338)
 UserId="49914" --> Word Count (63)
 UserId="49914" Comment="added 211 characters in body" --> Word Count (98)
 UserId="49914" --> Word Count (93)

UserId="12490" Comment="added 1657 characters in body" --> Word Count (352)
 UserId="49914" --> Word Count (102)
 UserId="49625" --> Word Count (196)
 UserId="29575" Comment="Format list" --> Word Count (98)
 UserId="49914" --> Word Count (184)
 UserId="49914" --> Word Count (3)
 UserId="49914" --> Word Count (1)
 UserId="29575" Comment="Format List" --> Word Count (93)
 UserId="49914" Comment="deleted 3 characters in body" --> Word Count (183)
 UserId="49916" --> Word Count (133)
 UserId="49916" --> Word Count (6)
 UserId="49916" --> Word Count (1)
 UserId="24000" Comment="Add pandas tag" --> Word Count (1)
 UserId="24000" Comment="Reformatted, add better title, remove unnecessary text"
 --> Word Count (49)
 UserId="24000" Comment="Reformatted, add better title, remove unnecessary text"
 --> Word Count (5)
 UserId="24000" Comment="Reformatted, add better title, remove unnecessary text"
 --> Word Count (1)
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 UserId="18626" --> Word Count (124)
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 UserId="8560" --> Word Count (61)
 UserId="49937" --> Word Count (122)
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 UserId="3024" --> Word Count (1)
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 UserId="49941" Comment="edited title" --> Word Count (10)
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 UserId="49501" --> Word Count (1)
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 UserId="49951" --> Word Count (1)
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 UserId="43469" --> Word Count (1)
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 UserId="29575" Comment="typo in title" --> Word Count (11)
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 UserId="24000" Comment="Remove unnecessary text, change title's title case to sentence case " --> Word Count (10)
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 UserId="24000" Comment="Reformatted, removed unnecessary text" --> Word Count (6)
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 UserId="49980" --> Word Count (1)
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 UserId="49501" Comment="edited title" --> Word Count (1)
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 UserId="29575" Comment="Fixed the bad link" --> Word Count (50)
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 UserId="46674" --> Word Count (43)
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 UserId="44456" Comment="added 2 characters in body" --> Word Count (300)
 UserId="44456" Comment="added 2 characters in body" --> Word Count (395)
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 UserId="37113" Comment="Added some clarification and an option" --> Word Count (86)
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 "Plots/Visualization""; --> Word Count (1)
 UserId="46313" --> Word Count (137)
 UserId="46313" --> Word Count (11)
 UserId="46313" --> Word Count (1)
 UserId="37113" Comment="added links, definition of probability and extra detail"
 --> Word Count (184)
 UserId="49770" --> Word Count (234)
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 UserId="50007" Comment="edited title" --> Word Count (8)
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 UserId="50030" --> Word Count (72)
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 UserId="49752" --> Word Count (1)
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 UserId="44089" --> Word Count (103)
 UserId="28175" --> Word Count (28)
 UserId="28175" Comment="edited tags" --> Word Count (1)
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 UserId="46413" --> Word Count (12)

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 UserId="13232" Text="The FastText binary format (which is what it looks like
 you're trying to load) isn't compatible with Gensim's `word2vec` format; the
 former contains additional information about subword units, which `word2vec`
 doesn't make use of.

There's some discussion of the issue
 (and a workaround), on the FastText Github page. In short, you'll have to load
 the text format (available at
[https://github.com/facebookresearch/fastText/blob/master/pretrained-](https://github.com/facebookresearch/fastText/blob/master/pretrained-vectors.md)
[vectors.md](https://github.com/facebookresearch/fastText/blob/master/pretrained-vectors.md)).

Once you've loaded the text format, you can use
 Gensim to save it in binary format, which will dramatically reduce the model
 size, and speed up future
 loading.

[https://github.com/facebookresearch/fast](https://github.com/facebookresearch/fastText/blob/master/pretrained-vectors.md) --> Word
 Count (1)
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 UserId="-1" Comment="104" --> Word Count (4)
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 UserId="50106" --> Word Count (1)
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 UserId="29575" Comment="Format Link" --> Word Count (65)
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 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (176)
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 UserId="21163" Comment="added 1 character in body" --> Word Count (162)
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 UserId="50146" --> Word Count (4)
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 UserId="29587" --> Word Count (51)
 UserId="35644" Comment="added 92 characters in body; added 147 characters in body" --> Word Count (67)
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 UserId="46505" Text="Assuming you already have the raw text, you can do the followings.

 **Create train data:

 You need to create set words and bigrams labeled as skills. There might be some available lists to help you out. Otherwise, generate your list using resources such as wordnet and thesaurus. You can also start with a short list based on the

data you have and then expand it using word2vec or similar word embedding techniques. For example, we start with a list that contains **coding** as one of the skills. Then, we query the word2vec pretrained model for closest words/bigrams. There is a fair chance you will end up with **programming**, **software coding**, and **computer programming**. Another approach would be to cluster the words and bigrams in your dataset using word embedding techniques. Then, look into your clusters to see which ones contain the skill set. Note that any word/expression not on your list will not be considered as required skills. Therefore, you may need to expand your list after a few trials. ***Detecting the Skills*** 1. Tokenize your raw text into words and expressions 2. Remove stop words 3. Encode your tokens using an embedding (Word2Vec, Fast --> Word Count (51))

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--> Word Count (334)
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 NLP tasks

 * Text pre-processing
 * Coreference resolution
 * Dependency parsing
 * Document summarization
 * Named entity recognition (NER) [tag:named-entity-recognition]
 * Information extraction (IE) [tag:information-retrieval]
 * Language modeling
 * Part-of-speech (POS) tagging
 * Morphological analysis and wordform generation
 *

Phrase-structure (constituency) parsing 
 * Machine translation (MT)
 [tag:machine-translation]
 * Question answering (QA)
 *
 Sentiment analysis [tag:sentiment-analysis]
 * Semantic parsing
 
 * Text categorization 
 * --> Word Count (42)
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 UserId="50192" Comment="added 26 characters in body" --> Word Count (56)
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 UserId="26752" --> Word Count (1)
 UserId="50274" --> Word Count (463)
 UserId="50275" --> Word Count (37)
 UserId="50275" --> Word Count (10)
 UserId="50275" --> Word Count (1)
 UserId="37716" --> Word Count (68)
 UserId="37716" --> Word Count (7)
 UserId="37716" --> Word Count (1)
 UserId="37716" Comment="added 25 characters in body" --> Word Count (80)
 UserId="37716" Comment="added 24 characters in body" --> Word Count (80)
 UserId="50262" --> Word Count (19)
 UserId="32220" Text="I am working on text analysis problem.

 
Person X can log in his goals and his actions to achieve his goal.
 Also their score is calculated based on some formula to measure progress of the
 goal

*For ex:**

 - Goal1 : Loose weight
 ... Score: 70%
 - Goal2: Finish reading this book... Score:
 10%
 - Action1: Go to the gym
 - Action2: Drink
 water
 - Action3: Read one page
 daily



Goals and actions don't have any
 relationship in my db, so i joined them based on the person

I
 have as an input

 +-----+-----+-----+-----+

 | Goal | Action | Person | Score |

 +-----+-----+-----+-----+

 | Lose weight | Go to the gym | X | 70 |

 | Lose weight | Drink water | X | 70 |

 | Lose weight | Read one page daily | X | 70 |

 | Finish reading this book | Go to the gym | X | 10 |

 | Finish reading this book | Drink water | X | 10 |

 | Finish reading this book | Read one page daily | X | 10 |

 +-----+-----+-----+-----+

 D;
I want to detect what are the good actions that can have high score and
 what are the bad actions that can have low score

My
 Approach:

 1. Apply clustering

algorithm on Goals to find similar groups of goals then study their actions
 2. My --> Word Count (720)

UserId="32220" --> Word Count (8)

UserId="32220" --> Word Count (1)

UserId="40853" Comment="Improved Formatting" --> Word Count (476)

UserId="35644" Comment="added 9 characters in body" --> Word Count (50)

UserId="11097" Comment="added 16 characters in body" --> Word Count (183)

UserId="50292" --> Word Count (1312)

UserId="43983" --> Word Count (28)

UserId="8878" Comment="so much typos and cleaning" --> Word Count (135)

UserId="8878" --> Word Count (73)

UserId="8878" Comment="Clearing a concept" --> Word Count (95)

UserId="8878" Comment="A typo" --> Word Count (104)

UserId="8878" Comment="A typo" --> Word Count (14)

UserId="50146" --> Word Count (30)

UserId="50146" --> Word Count (4)

UserId="50146" --> Word Count (1)

UserId="8878" Comment="cleaning" Text="I am working on text analysis problem.
 
Person X can log in his goals and his actions to achieve his goal. Also their score is calculated based on some formula to measure progress of the goal.

For ex:

- Goal1 : Loose weight ... Score: 70%
 - Goal2: Finish reading this book... Score: 10%
 - Action1: Go to the gym
 - Action2: Drink water
 - Action3: Read one page daily



Goals and actions don't have any relationship in my DB, so I joined them based on the person.

I have as an input

Goal	Action	Person	Score
Lose weight	Go to the gym	X	70
Lose weight	Drink water	X	70
Lose weight	Read one page daily	X	70
Finish reading this book	Go to the gym	X	10
Finish reading this book	Drink water	X	10
Finish reading this book	Read one page daily	X	10

D;
I want to detect what are the good actions that can have high score and what are the bad actions that can have low score.

My Approach:

 1. Apply clustering algorithm on Goals to find similar groups of goals then study their actions.
 2. My --> Word Count (713)

UserId="28175" Comment="added 14 characters in body" --> Word Count (42)

UserId="28175" --> Word Count (98)

UserId="50300" --> Word Count (3447)

UserId="50300" --> Word Count (7)

UserId="50300" --> Word Count (1)

UserId="28175" Comment="added 153 characters in body" --> Word Count (127)
 UserId="28175" --> Word Count (124)
 UserId="28175" Comment="added 7 characters in body; edited tags" --> Word Count (83)
 UserId="28175" Comment="added 7 characters in body; edited tags" --> Word Count (1)
 UserId="35644" --> Word Count (402)
 UserId="35644" Comment="added 237 characters in body" --> Word Count (439)
 UserId="43048" --> Word Count (95)
 UserId="43048" --> Word Count (2)
 UserId="43048" --> Word Count (1)
 UserId="50307" --> Word Count (79)
 UserId="50273" Comment="deleted 1 character in body" --> Word Count (110)
 UserId="49914" --> Word Count (113)
 UserId="49914" --> Word Count (125)
 UserId="49914" --> Word Count (66)
 UserId="50312" --> Word Count (40)
 UserId="50312" --> Word Count (9)
 UserId="50312" --> Word Count (1)
 UserId="49914" --> Word Count (47)
 UserId="49914" --> Word Count (3)
 UserId="49914" --> Word Count (1)
 UserId="35644" Comment="added 184 characters in body" --> Word Count (468)
 UserId="49914" Comment="added 216 characters in body" --> Word Count (81)
 UserId="1330" --> Word Count (97)
 UserId="50275" Comment="added 209 characters in body" --> Word Count (37)
 UserId="16538" --> Word Count (178)
 UserId="24593" --> Word Count (46)
 UserId="50145" Comment="added 63 characters in body" --> Word Count (1469)
 UserId="50307" Comment="added 248 characters in body" --> Word Count (109)
 UserId="50274" Comment="Further adjusted formatting" --> Word Count (476)
 UserId="50269" Comment="needs more explanation" --> Word Count (345)
 UserId="-1" Comment="102" --> Word Count (4)
 UserId="50325" --> Word Count (186)
 UserId="50325" --> Word Count (10)
 UserId="50325" --> Word Count (1)
 UserId="50292" --> Word Count (183)
 UserId="21163" --> Word Count (47)
 UserId="21163" Comment="added 185 characters in body" --> Word Count (84)
 UserId="50338" --> Word Count (120)
 UserId="50338" --> Word Count (11)
 UserId="50338" --> Word Count (1)
 UserId="24984" --> Word Count (166)
 UserId="24984" --> Word Count (5)
 UserId="24984" --> Word Count (1)
 UserId="40853" --> Word Count (242)
 UserId="-1" Comment="103" --> Word Count (4)
 UserId="50262" --> Word Count (47)

UserId="40853" Comment="added 6 characters in body" --> Word Count (48)
 UserId="45262" --> Word Count (91)
 UserId="45262" --> Word Count (9)
 UserId="45262" --> Word Count (1)
 UserId="29587" --> Word Count (157)
 UserId="44139" --> Word Count (81)
 UserId="35644" Comment="typos" --> Word Count (467)
 UserId="50352" --> Word Count (102)
 UserId="50352" --> Word Count (6)
 UserId="50352" --> Word Count (1)
 UserId="14904" --> Word Count (174)
 UserId="50354" --> Word Count (526)
 UserId="50354" --> Word Count (5)
 UserId="50354" --> Word Count (1)
 UserId="50354" Comment="added 134 characters in body" --> Word Count (544)
 UserId="50354" Comment="deleted 24 characters in body" --> Word Count (543)
 UserId="49569" --> Word Count (358)
 UserId="49569" --> Word Count (7)
 UserId="49569" --> Word Count (1)
 UserId="47649" --> Word Count (65)
 UserId="27616" --> Word Count (52)
 UserId="27616" --> Word Count (9)
 UserId="27616" --> Word Count (1)
 UserId="46055" --> Word Count (31)
 UserId="46055" --> Word Count (6)
 UserId="46055" --> Word Count (1)
 UserId="49914" --> Word Count (62)
 UserId="49914" --> Word Count (92)
 UserId="49914" --> Word Count (4)
 UserId="49914" --> Word Count (1)
 UserId="50363" --> Word Count (60)
 UserId="26882" --> Word Count (38)
 UserId="26882" --> Word Count (15)
 UserId="26882" --> Word Count (1)
 UserId="49268" Text="As a signal processing engineering and being new to NLP, I
 am confused with giving input to CNN network. 

With my
 knowledge of [CNN][1], I am trying to build a classifier for ethnicity with
 inputs as text (last name(LN), middle name(MN), first name(FN)).
I have
 a list of 8,000,000 samples with last, middle, first names and class
 information

 array =
 [['person1_LN','person1_MN','person1_FN','Person1_class'],

 ['person1_LN','person1_MN','person1_FN','Person2_class'], 

 ...]

I want to apply conv layer (CL) followed by Pooling
 Layer(PL) on LN,MN,FN respectively. 

[--> Word Count (119)
 UserId="49268" --> Word Count (12)
 UserId="49268" --> Word Count (1)
 UserId="50365" --> Word Count (58)
 UserId="50365" --> Word Count (6)

UserId="50365" --> Word Count (1)
 UserId="47557" Comment="added 249 characters in body" --> Word Count (771)
 UserId="43077" Comment="deleted 1 character in body" --> Word Count (88)
 UserId="50315" --> Word Count (309)
 UserId="50315" --> Word Count (11)
 UserId="50315" --> Word Count (1)
 UserId="37363" --> Word Count (154)
 UserId="37363" --> Word Count (3)
 UserId="37363" --> Word Count (1)
 UserId="49914" --> Word Count (47)
 UserId="924" --> Word Count (60)
 UserId="50077" --> Word Count (45)
 UserId="50077" --> Word Count (9)
 UserId="50077" --> Word Count (1)
 UserId="49914" --> Word Count (89)
 UserId="26448" --> Word Count (149)
 UserId="26448" --> Word Count (16)
 UserId="26448" --> Word Count (1)
 UserId="49886" --> Word Count (577)
 UserId="35679" --> Word Count (150)
 UserId="35679" --> Word Count (156)
 UserId="26562" Comment="grammar" --> Word Count (44)
 UserId="26562" Comment="grammar" --> Word Count (9)
 UserId="26562" Comment="grammar" --> Word Count (42)
 UserId="26562" --> Word Count (112)
 UserId="17696" --> Word Count (88)
 UserId="50383" --> Word Count (125)
 UserId="50384" --> Word Count (32)
 UserId="50384" --> Word Count (42)
 UserId="50386" --> Word Count (36)
 UserId="49501" Comment="Update" --> Word Count (137)
 UserId="50146" --> Word Count (28)
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 UserId="26748" --> Word Count (196)
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 UserId="50391" --> Word Count (1)
 UserId="24000" Comment="Reformatted" --> Word Count (307)
 UserId="24000" Comment="Reformatted" --> Word Count (9)
 UserId="43455" --> Word Count (167)
 UserId="43455" --> Word Count (10)
 UserId="43455" --> Word Count (1)
 UserId="50394" --> Word Count (9)
 UserId="50394" --> Word Count (13)
 UserId="50394" --> Word Count (1)

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UserId="44044" Text="I'm trying to run language detection using Facebook's
fastText through python script but i get this error when i load the model
:&#xD;&#xA;&#xD;&#xA;Exception: fast --> Word Count (24)
UserId="44044" --> Word Count (3)
UserId="44044" --> Word Count (1)
UserId="43077" Comment="added 106 characters in body" --> Word Count (107)
UserId="46527" --> Word Count (28)
UserId="50403" --> Word Count (92)
UserId="50403" --> Word Count (9)
UserId="50403" --> Word Count (1)
UserId="43077" Comment="added 19 characters in body" --> Word Count (107)
UserId="50406" --> Word Count (37)
UserId="50406" --> Word Count (7)
UserId="50406" --> Word Count (1)
UserId="50405" --> Word Count (315)
UserId="50405" --> Word Count (8)
UserId="50405" --> Word Count (1)
UserId="34269" --> Word Count (271)
UserId="50405" Comment="edited title" --> Word Count (6)
UserId="32958" --> Word Count (77)
UserId="44401" --> Word Count (179)
UserId="44401" --> Word Count (227)
UserId="49268" Comment="edited tags" --> Word Count (1)
UserId="50419" --> Word Count (47)
UserId="50419" --> Word Count (11)
UserId="50419" --> Word Count (1)
UserId="50423" --> Word Count (37)
UserId="1330" Comment="added 112 characters in body" --> Word Count (154)
UserId="50384" --> Word Count (56)
UserId="50428" --> Word Count (439)
UserId="50428" --> Word Count (12)
UserId="50428" --> Word Count (1)
UserId="50429" --> Word Count (88)
UserId="50429" --> Word Count (73)
UserId="50429" Comment="added 140 characters in body" --> Word Count (112)
UserId="49758" --> Word Count (62)
UserId="49758" --> Word Count (10)
UserId="49758" --> Word Count (1)
UserId="50429" Comment="added 140 characters in body" --> Word Count (130)
UserId="50433" --> Word Count (89)
UserId="50433" --> Word Count (15)
UserId="50433" --> Word Count (1)
UserId="31443" --> Word Count (18)
UserId="31443" --> Word Count (5)
UserId="31443" --> Word Count (1)
UserId="8820" --> Word Count (138)
UserId="8820" --> Word Count (10)
UserId="8820" --> Word Count (1)

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UserId="29801" --> Word Count (91)
 UserId="11074" --> Word Count (192)
 UserId="11074" --> Word Count (15)
 UserId="11074" --> Word Count (1)
 UserId="50440" --> Word Count (100)
 UserId="50440" --> Word Count (7)
 UserId="50440" --> Word Count (1)
 UserId="8820" Comment="added 95 characters in body" --> Word Count (143)
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 UserId="50441" --> Word Count (1)
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 UserId="26907" --> Word Count (13)
 UserId="26907" --> Word Count (1)
 UserId="-1" Comment="103" --> Word Count (3)
 UserId="924" --> Word Count (52)
 UserId="34269" --> Word Count (221)
 UserId="50384" --> Word Count (243)
 UserId="26562" Comment="clarified statement about regularization, minor formatting" --> Word Count (108)
 UserId="26562" Comment="clarified 'PRML', improved formatting" --> Word Count (112)
 UserId="26562" Comment="clarified 'PRML', improved formatting" --> Word Count (8)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="50449" --> Word Count (70)
 UserId="50449" --> Word Count (10)
 UserId="50449" --> Word Count (1)
 UserId="28175" --> Word Count (241)
 UserId="28175" Comment="added 8 characters in body; edited tags" --> Word Count (72)
 UserId="28175" Comment="added 8 characters in body; edited tags" --> Word Count (1)
 UserId="50449" --> Word Count (197)
 UserId="50449" --> Word Count (12)
 UserId="50449" --> Word Count (1)
 UserId="50292" --> Word Count (43)
 UserId="49985" --> Word Count (132)
 UserId="9123" Comment="Removed illegal download link" --> Word Count (109)
 UserId="26748" Comment="Revised the code" --> Word Count (187)
 UserId="26748" Comment="added 241 characters in body" --> Word Count (218)
 UserId="50217" --> Word Count (288)
 UserId="50217" --> Word Count (9)
 UserId="50217" --> Word Count (1)
 UserId="43147" --> Word Count (56)

UserId="38887" --> Word Count (144)
 UserId="12490" --> Word Count (77)
 UserId="50471" --> Word Count (225)
 UserId="50471" --> Word Count (8)
 UserId="50471" --> Word Count (1)
 UserId="50473" --> Word Count (92)
 UserId="50473" --> Word Count (6)
 UserId="50473" --> Word Count (1)
 UserId="45527" --> Word Count (98)
 UserId="45527" --> Word Count (7)
 UserId="45527" --> Word Count (1)
 UserId="12490" Comment="added 44 characters in body" --> Word Count (87)
 UserId="38887" --> Word Count (100)
 UserId="45191" --> Word Count (214)
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 UserId="24000" Comment="Removed unnecessary text" --> Word Count (55)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (223)
 UserId="14265" --> Word Count (24)
 UserId="50478" --> Word Count (91)
 UserId="14265" --> Word Count (135)
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 UserId="43077" --> Word Count (1)
 UserId="43077" Comment="added 17 characters in body" --> Word Count (104)
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 UserId="50482" --> Word Count (12)
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 UserId="42460" --> Word Count (63)
 UserId="23305" --> Word Count (261)
 UserId="23305" Comment="added 114 characters in body" --> Word Count (271)
 UserId="23305" Comment="added additional details to picture" --> Word Count (271)
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 UserId="50489" --> Word Count (242)
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 UserId="18375" --> Word Count (58)
 UserId="9867" --> Word Count (15)
 UserId="9867" Comment="formatting" --> Word Count (318)

UserId="50494" --> Word Count (196)
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 UserId="15127" --> Word Count (53)
 UserId="38892" Comment="latexify the question" --> Word Count (199)
 UserId="41350" --> Word Count (98)
 UserId="41350" --> Word Count (8)
 UserId="41350" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (81)
 UserId="26562" --> Word Count (125)
 UserId="26562" Comment="improved latex" --> Word Count (97)
 UserId="47488" --> Word Count (298)
 UserId="50449" --> Word Count (228)
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 UserId="50449" --> Word Count (1)
 UserId="50491" --> Word Count (237)
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 UserId="50491" --> Word Count (1)
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 UserId="50506" --> Word Count (1)
 UserId="12490" Comment="added 824 characters in body" --> Word Count (271)
 UserId="50428" --> Word Count (21)
 UserId="50507" --> Word Count (110)
 UserId="50507" --> Word Count (7)
 UserId="50507" --> Word Count (1)
 UserId="924" --> Word Count (239)
 UserId="49700" --> Word Count (86)
 UserId="49700" --> Word Count (6)
 UserId="49700" --> Word Count (1)
 UserId="836" Comment="Add note from unintended "answer";. Tidy formatting" --> Word Count (207)
 UserId="49700" --> Word Count (251)
 UserId="49700" --> Word Count (8)
 UserId="49700" --> Word Count (1)
 UserId="49852" --> Word Count (90)
 UserId="49852" --> Word Count (93)
 UserId="45191" Comment="expanded attempt" --> Word Count (478)
 UserId="45191" --> Word Count (138)
 UserId="50384" --> Word Count (74)
 UserId="836" --> Word Count (323)
 UserId="50514" --> Word Count (68)

UserId="50514" --> Word Count (13)
 UserId="50514" --> Word Count (1)
 UserId="49700" Comment="added 422 characters in body" --> Word Count (349)
 UserId="237" --> Word Count (50)
 UserId="237" --> Word Count (6)
 UserId="237" --> Word Count (1)
 UserId="43077" Comment="deleted 1 character in body" --> Word Count (107)
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 UserId="49700" --> Word Count (6)
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 UserId="49700" Comment="deleted 72 characters in body" --> Word Count (92)
 UserId="50515" --> Word Count (47)
 UserId="50515" --> Word Count (9)
 UserId="50515" --> Word Count (1)
 UserId="50515" Comment="added 219 characters in body" --> Word Count (107)
 UserId="50515" Comment="added 250 characters in body" --> Word Count (140)
 UserId="50515" Comment="deleted 1 character in body" --> Word Count (140)
 UserId="26394" --> Word Count (179)
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 UserId="50528" --> Word Count (1)
 UserId="18375" --> Word Count (395)
 UserId="50528" Comment="added 9 characters in body" --> Word Count (87)
 UserId="18375" Comment="improve formatting, punctuation, relevant tags" -->
 Word Count (107)
 UserId="18375" Comment="improve formatting, punctuation, relevant tags" -->
 Word Count (8)
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 Word Count (1)
 UserId="29575" Comment="improve formatting, punctuation, relevant tags" -->
 Word Count (107)
 UserId="50315" Comment="added 49 characters in body" --> Word Count (315)
 UserId="50531" --> Word Count (228)
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 UserId="31006" --> Word Count (13)
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 UserId="50533" --> Word Count (35)
 UserId="29575" Comment="Minor formatting" --> Word Count (55)
 UserId="26674" Comment="added 2 characters in body" --> Word Count (375)
 UserId="50535" --> Word Count (168)
 UserId="50535" --> Word Count (5)
 UserId="50535" --> Word Count (1)
 UserId="18375" Comment="fix grammar" --> Word Count (67)
 UserId="18375" Comment="fix grammar" --> Word Count (13)
 UserId="26562" Comment="fix grammar" --> Word Count (68)

UserId="18375" Comment="minor grammar corrections" --> Word Count (106)
 UserId="18375" Comment="minor grammar corrections" --> Word Count (13)
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 UserId="-1" Comment="102" --> Word Count (4)
 UserId="-1" Comment="104" --> Word Count (6)
 UserId="50539" --> Word Count (60)
 UserId="41728" --> Word Count (78)
 UserId="50384" --> Word Count (99)
 UserId="50384" Comment="edited post as promised" --> Word Count (302)
 UserId="44299" --> Word Count (143)
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 UserId="44299" --> Word Count (1)
 UserId="44299" Comment="added 96 characters in body" --> Word Count (162)
 UserId="43768" --> Word Count (32)
 UserId="29575" Comment="Minor formatting" --> Word Count (65)
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 UserId="50544" --> Word Count (11)
 UserId="50544" --> Word Count (1)
 UserId="26394" --> Word Count (119)
 UserId="26394" Comment="edits 1" --> Word Count (190)
 UserId="836" Comment="added 56 characters in body" --> Word Count (333)
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 UserId="50556" --> Word Count (8)
 UserId="50556" --> Word Count (1)
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 UserId="50563" --> Word Count (7)
 UserId="50563" --> Word Count (1)
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 UserId="50570" --> Word Count (3)
 UserId="50570" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (170)
 UserId="43130" --> Word Count (131)
 UserId="41929" --> Word Count (41)
 UserId="41929" --> Word Count (8)
 UserId="41929" --> Word Count (1)
 UserId="6667" --> Word Count (10)
 UserId="50307" --> Word Count (35)
 UserId="18626" --> Word Count (134)
 UserId="3357" --> Word Count (237)
 UserId="50574" --> Word Count (253)
 UserId="50574" --> Word Count (9)
 UserId="50574" --> Word Count (1)
 UserId="50574" Comment="added 6 characters in body" --> Word Count (255)
 UserId="50386" --> Word Count (33)

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 UserId="50584" --> Word Count (1)
 UserId="26748" --> Word Count (141)
 UserId="28175" --> Word Count (261)
 UserId="28175" Comment="deleted 5 characters in body; edited tags" --> Word Count (34)
 UserId="28175" Comment="deleted 5 characters in body; edited tags" --> Word Count (1)
 UserId="28175" Comment="deleted 5 characters in body; edited tags" --> Word Count (6)
 UserId="50586" --> Word Count (215)
 UserId="35644" Comment="formatting" --> Word Count (110)
 UserId="40123" --> Word Count (115)
 UserId="40123" --> Word Count (15)
 UserId="40123" --> Word Count (1)
 UserId="50146" --> Word Count (31)
 UserId="50146" --> Word Count (3)
 UserId="50146" --> Word Count (1)
 UserId="38892" Comment="replace figure with mathjax." --> Word Count (91)
 UserId="26562" Comment="added 4 characters in body" --> Word Count (91)
 UserId="50544" --> Word Count (87)
 UserId="50544" --> Word Count (2)
 UserId="50544" --> Word Count (1)
 UserId="26394" --> Word Count (165)
 UserId="28175" --> Word Count (27)
 UserId="26562" Comment="general spelling and formatting" --> Word Count (88)
 UserId="26562" Comment="general spelling and formatting" --> Word Count (2)
 UserId="-1" Comment="103" --> Word Count (2)
 UserId="50595" --> Word Count (54)
 UserId="50595" --> Word Count (5)
 UserId="50595" --> Word Count (1)
 UserId="35596" Comment="added example of using 'smaller' dtype" --> Word Count (216)
 UserId="13727" --> Word Count (56)
 UserId="50599" --> Word Count (79)
 UserId="50599" --> Word Count (5)
 UserId="50599" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="40853" --> Word Count (114)
 UserId="40853" Comment="Improved Formatting" --> Word Count (79)
 UserId="50602" --> Word Count (63)
 UserId="50602" --> Word Count (14)
 UserId="50602" --> Word Count (1)
 UserId="43472" --> Word Count (212)
 UserId="43472" --> Word Count (11)
 UserId="43472" --> Word Count (1)
 UserId="13727" Comment="Extending explanation " --> Word Count (106)

UserId="50211" --> Word Count (177)
 UserId="50605" --> Word Count (101)
 UserId="50605" --> Word Count (11)
 UserId="50605" --> Word Count (1)
 UserId="50603" --> Word Count (138)
 UserId="50603" --> Word Count (6)
 UserId="50603" --> Word Count (1)
 UserId="32958" --> Word Count (48)
 UserId="32958" Comment="via Vote" --> Word Count (1)
 UserId="33501" --> Word Count (88)
 UserId="33501" --> Word Count (8)
 UserId="33501" --> Word Count (1)
 UserId="32958" Comment="added 2260 characters in body" --> Word Count (411)
 UserId="32958" --> Word Count (1)
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 UserId="8820" --> Word Count (204)
 UserId="8820" --> Word Count (12)
 UserId="8820" --> Word Count (1)
 UserId="17000" --> Word Count (48)
 UserId="8820" Comment="edited tags" --> Word Count (1)
 UserId="20492" --> Word Count (161)
 UserId="50471" --> Word Count (48)
 UserId="50619" --> Word Count (155)
 UserId="50619" --> Word Count (4)
 UserId="50619" --> Word Count (1)
 UserId="50471" --> Word Count (26)
 UserId="50623" --> Word Count (79)
 UserId="50623" --> Word Count (7)
 UserId="50623" --> Word Count (1)
 UserId="50449" Comment="I've included the code I'm following" --> Word Count (343)
 UserId="50449" Comment="added 1883 characters in body" --> Word Count (473)
 UserId="50449" Comment="deleted 3 characters in body" --> Word Count (473)
 UserId="32958" Comment="deleted 27 characters in body" --> Word Count (408)
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 UserId="50625" --> Word Count (1)
 UserId="50625" Comment="edited tags" --> Word Count (1)
 UserId="20492" Comment="added 1153 characters in body" --> Word Count (601)
 UserId="41557" --> Word Count (964)
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 UserId="21608" --> Word Count (37)
 UserId="40853" Comment="Improved Formatting" --> Word Count (161)
 UserId="44114" --> Word Count (351)
 UserId="37363" --> Word Count (447)

UserId="37363" --> Word Count (4)
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 UserId="50627" --> Word Count (391)
 UserId="50627" --> Word Count (6)
 UserId="50627" --> Word Count (1)
 UserId="38892" --> Word Count (51)
 UserId="47872" --> Word Count (103)
 UserId="381" Text="I haven't seen anything like this before but it seems quite feasible. You need an ontology to separate the main concept into its subconcepts, then you need a classifier to distinguish between your broader categories; description, methodology, classifier, application, and example. That is, I would manually label some transcripts at the paragraph level. If you don't have paragraph-segmented text, smooth the classification probability over the sentences so they share the same label. The classifier could be a CRF or an RNN. The modern way to induce the ontology would be through word embeddings; cf. e.g, [Learning Semantic Hierarchies via Word Embeddings](<http://ir.hit.edu.cn/~car/papers/acl14embedding.pdf>). Formerly I would have recommended a hierarchical topic model, such as hLDA; cf. e.g, [Non-Parametric Estimation of Topic Hierarchies from --> Word Count (21)
 UserId="15381" --> Word Count (25)
 UserId="15381" --> Word Count (7)
 UserId="15381" --> Word Count (1)
 UserId="20492" Comment="added 179 characters in body" --> Word Count (488)
 UserId="50625" Comment="deleted 4 characters in body" --> Word Count (344)
 UserId="30212" --> Word Count (78)
 UserId="47872" Comment="added 2 characters in body" --> Word Count (103)
 UserId="381" Comment="added 240 characters in body" Text="I haven't seen anything like this before but it seems quite feasible. You need an ontology to separate the main concept into its subconcepts, then you need a classifier to distinguish between your broader categories; description, methodology, classifier, application, and example. That is, I would manually label some transcripts at the paragraph level. If you don't have paragraph-segmented text, smooth the classification probability over the sentences so they share the same label. Or use a paragraph [segmentation](https://en.wikipedia.org/wiki/Text_segmentation) model as in [Automatic Paragraph Segmentation with Lexical and Prosodic Features](<http://www.cstr.ed.ac.uk/downloads/publications/2016/laic2016para.pdf>).

The classifier could be a CRF or an RNN. The modern way to induce the ontology would be through word embeddings; cf. e.g, [Learning Semantic Hierarchies via Word Embeddings](<http://ir.hit.edu.cn/~car/papers/acl14embedding.pdf>). Formerly I would have recommended a hierarchical topic model, such as hLDA; cf. e.g, [Non-Parametric Estimation of Topic Hierarchies from --> Word Count (21)
 UserId="50406" --> Word Count (81)
 UserId="50406" --> Word Count (12)
 UserId="50406" --> Word Count (1)
 UserId="44114" Comment="added 173 characters in body" --> Word Count (377)
 UserId="50406" Comment="edited title" --> Word Count (12)
 UserId="44114" Comment="added 189 characters in body" --> Word Count (408)

UserId="26562" Comment="fixed list formatting" --> Word Count (78)
 UserId="50531" Comment="improved formatting and added further information." -->
 Word Count (331)
 UserId="4767" --> Word Count (111)
 UserId="4767" --> Word Count (4)
 UserId="4767" --> Word Count (1)
 UserId="29575" Comment="Format list" --> Word Count (78)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (363)
 UserId="41350" --> Word Count (37)
 UserId="41350" --> Word Count (11)
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 UserId="50634" --> Word Count (3)
 UserId="50634" --> Word Count (1)
 UserId="17000" Comment="deleted 4 characters in body" --> Word Count (48)
 UserId="26562" Comment="added code formatting, removed 'thank you' message" -->
 Word Count (248)
 UserId="50638" --> Word Count (188)
 UserId="50638" --> Word Count (7)
 UserId="50638" --> Word Count (1)
 UserId="-1" Comment="104" --> Word Count (3)
 UserId="50641" --> Word Count (271)
 UserId="50641" --> Word Count (9)
 UserId="50641" --> Word Count (1)
 UserId="47646" --> Word Count (33)
 UserId="924" --> Word Count (20)
 UserId="38506" --> Word Count (210)
 UserId="38506" --> Word Count (6)
 UserId="38506" --> Word Count (1)
 UserId="29587" --> Word Count (380)
 UserId="29587" Comment="added 183 characters in body" --> Word Count (412)
 UserId="29587" --> Word Count (88)
 UserId="29587" --> Word Count (323)
 UserId="50641" Comment="added 25 characters in body" --> Word Count (276)
 UserId="50647" --> Word Count (199)
 UserId="31457" --> Word Count (196)
 UserId="50647" Comment="deleted 328 characters in body" --> Word Count (117)
 UserId="14588" --> Word Count (58)
 UserId="29587" --> Word Count (389)
 UserId="40853" Comment="Improved Formatting" --> Word Count (287)
 UserId="50039" --> Word Count (44)
 UserId="49226" --> Word Count (97)
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 UserId="41557" --> Word Count (375)
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 UserId="47412" --> Word Count (1)
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 UserId="23305" --> Word Count (74)
 UserId="15902" Comment="Small changes" --> Word Count (129)
 UserId="23305" Comment="added 37 characters in body" --> Word Count (80)
 UserId="50532" --> Word Count (59)
 UserId="50532" --> Word Count (10)
 UserId="50532" --> Word Count (1)
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 UserId="33551" --> Word Count (233)
 UserId="44456" --> Word Count (264)
 UserId="8820" --> Word Count (111)
 UserId="50669" --> Word Count (302)
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 UserId="1330" Comment="added 7 characters in body" --> Word Count (37)
 UserId="1330" --> Word Count (34)
 UserId="50685" --> Word Count (36)
 UserId="50685" --> Word Count (5)
 UserId="50685" --> Word Count (1)
 UserId="50689" --> Word Count (135)
 UserId="50689" --> Word Count (8)
 UserId="50689" --> Word Count (1)
 UserId="10683" --> Word Count (39)
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 UserId="-1" Comment="104" --> Word Count (4)
 UserId="1330" Comment="added 3 characters in body" --> Word Count (34)
 UserId="28175" --> Word Count (106)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (37)
 UserId="26562" Comment="deleted 27 characters in body; edited tags" --> Word Count (117)
 UserId="26562" Comment="deleted 27 characters in body; edited tags" --> Word Count (1)

UserId="50146" --> Word Count (276)
 UserId="50146" --> Word Count (4)
 UserId="50146" --> Word Count (1)
 UserId="29575" Comment="Format list" --> Word Count (137)
 UserId="40853" Comment="Improved Formatting" --> Word Count (332)
 UserId="40853" --> Word Count (548)
 UserId="26562" --> Word Count (72)
 UserId="50703" --> Word Count (572)
 UserId="50703" --> Word Count (8)
 UserId="50703" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (688)
 UserId="50703" Comment="added 3 characters in body" --> Word Count (692)
 UserId="50706" --> Word Count (64)
 UserId="29587" --> Word Count (968)
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 UserId="44139" --> Word Count (451)
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 UserId="50711" --> Word Count (1)
 UserId="29587" Comment="added 656 characters in body" --> Word Count (1049)
 UserId="29587" Comment="deleted 275 characters in body" --> Word Count (1011)
 UserId="29587" Comment="deleted 275 characters in body" --> Word Count (1025)
 UserId="38492" --> Word Count (28)
 UserId="50325" Comment="edited title" --> Word Count (12)
 UserId="29587" Comment="added 2 characters in body" --> Word Count (1025)
 UserId="38492" --> Word Count (65)
 UserId="50146" --> Word Count (54)
 UserId="50146" --> Word Count (6)
 UserId="50146" --> Word Count (1)
 UserId="8820" Comment="deleted 24 characters in body" --> Word Count (180)
 UserId="12345" --> Word Count (141)
 UserId="12345" --> Word Count (3)
 UserId="12345" --> Word Count (1)
 UserId="29587" --> Word Count (295)
 UserId="50719" --> Word Count (108)
 UserId="50719" --> Word Count (10)
 UserId="50719" --> Word Count (1)
 UserId="50720" --> Word Count (236)
 UserId="50706" Comment="comment on "test" vs. "validation" sets, ans clear up language accordingly" --> Word Count (81)
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 UserId="32429" --> Word Count (12)
 UserId="32429" --> Word Count (1)
 UserId="40108" --> Word Count (86)
 UserId="40108" --> Word Count (5)
 UserId="40108" --> Word Count (1)
 UserId="40108" Comment="grammar improvements; added 2 characters in body" --> Word Count (112)

UserId="50732" --> Word Count (126)
 UserId="50732" --> Word Count (10)
 UserId="50732" --> Word Count (1)
 UserId="45191" --> Word Count (37)
 UserId="45191" --> Word Count (6)
 UserId="45191" --> Word Count (1)
 UserId="50711" Comment="deleted 6 characters in body" --> Word Count (66)
 UserId="27916" Comment="edited body" --> Word Count (94)
 UserId="49349" Comment="rounding numbers and math formating" --> Word Count (56)
 UserId="29575" Comment="rounding numbers and math formating" --> Word Count (55)
 UserId="50711" Comment="added 48 characters in body; edited title" --> Word Count (73)
 UserId="50711" Comment="added 48 characters in body; edited title" --> Word Count (2)
 UserId="836" --> Word Count (407)
 UserId="32958" --> Word Count (305)
 UserId="836" Comment="added 770 characters in body" --> Word Count (495)
 UserId="32958" Comment="The equations were missing some terms." --> Word Count (308)
 UserId="41058" --> Word Count (191)
 UserId="41058" Comment="deleted 16 characters in body" --> Word Count (187)
 UserId="33202" --> Word Count (16)
 UserId="1330" Comment="deleted 3 characters in body" --> Word Count (34)
 UserId="50746" --> Word Count (76)
 UserId="50746" --> Word Count (6)
 UserId="50746" --> Word Count (1)
 UserId="50727" --> Word Count (97)
 UserId="1330" --> Word Count (97)
 UserId="46645" --> Word Count (95)
 UserId="46645" --> Word Count (14)
 UserId="46645" --> Word Count (1)
 UserId="9867" Comment="typo" --> Word Count (248)
 UserId="35679" --> Word Count (60)
 UserId="47649" --> Word Count (178)
 UserId="47649" --> Word Count (11)
 UserId="47649" --> Word Count (1)
 UserId="46645" --> Word Count (25)
 UserId="41728" --> Word Count (75)
 UserId="16538" --> Word Count (167)
 UserId="35679" Comment="added 506 characters in body" --> Word Count (138)
 UserId="35679" --> Word Count (119)
 UserId="50689" --> Word Count (329)
 UserId="45768" --> Word Count (93)
 UserId="45768" --> Word Count (11)
 UserId="45768" --> Word Count (1)
 UserId="45768" Comment="added 1 character in body" --> Word Count (92)

UserId="50765" --> Word Count (105)
UserId="45768" Comment="added 4 characters in body" --> Word Count (92)
UserId="50386" --> Word Count (36)
UserId="26202" --> Word Count (83)
UserId="26202" --> Word Count (14)
UserId="26202" --> Word Count (1)
UserId="26202" --> Word Count (46)
UserId="14906" Comment="Included image in question and made some changes to grammar and equation formatting" --> Word Count (86)
UserId="26202" Comment="the former solution did not work" --> Word Count (34)
UserId="47488" --> Word Count (338)
UserId="50768" --> Word Count (76)
UserId="34269" Comment="improved formatting" --> Word Count (105)
UserId="50727" --> Word Count (93)
UserId="24000" Comment="Remove unnecessary text" --> Word Count (111)
UserId="29575" Comment="Remove unnecessary text" --> Word Count (115)
UserId="50727" --> Word Count (21)
UserId="50727" --> Word Count (24)
UserId="50074" --> Word Count (62)
UserId="50074" --> Word Count (5)
UserId="50074" --> Word Count (1)
UserId="40853" --> Word Count (169)
UserId="40853" Comment="Improved Formatting" --> Word Count (60)
UserId="40853" Comment="Improved Formatting" --> Word Count (1)
UserId="45610" --> Word Count (269)
UserId="45610" --> Word Count (11)
UserId="45610" --> Word Count (1)
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UserId="44701" --> Word Count (9)
UserId="44701" --> Word Count (1)
UserId="13370" --> Word Count (56)
UserId="50783" --> Word Count (235)
UserId="50783" --> Word Count (14)
UserId="50783" --> Word Count (1)
UserId="50783" Comment="edited tags" --> Word Count (1)
UserId="13370" --> Word Count (152)
UserId="50727" --> Word Count (141)
UserId="50727" --> Word Count (69)
UserId="50727" --> Word Count (4)
UserId="50727" --> Word Count (1)
UserId="13370" --> Word Count (79)
UserId="8528" --> Word Count (50)
UserId="8528" --> Word Count (11)
UserId="8528" --> Word Count (1)
UserId="45420" --> Word Count (94)
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UserId="45420" --> Word Count (1)
UserId="50727" --> Word Count (59)

UserId="21232" --> Word Count (20)
 UserId="21232" --> Word Count (9)
 UserId="21232" --> Word Count (1)
 UserId="45610" Comment="deleted 1 character in body; edited title" --> Word Count (269)
 UserId="45610" Comment="deleted 1 character in body; edited title" --> Word Count (14)
 UserId="45610" Comment="deleted 1 character in body; edited title" --> Word Count (1)
 UserId="42772" --> Word Count (121)
 UserId="42772" --> Word Count (7)
 UserId="42772" --> Word Count (1)
 UserId="50805" --> Word Count (177)
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 UserId="50810" --> Word Count (9)
 UserId="50810" --> Word Count (1)
 UserId="13370" --> Word Count (64)
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 UserId="26562" Comment="added 93 characters in body" --> Word Count (17)
 UserId="42772" --> Word Count (77)
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 UserId="50809" --> Word Count (1)
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 UserId="10548" --> Word Count (262)
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 UserId="33551" --> Word Count (196)
 UserId="50820" --> Word Count (714)
 UserId="50820" --> Word Count (16)
 UserId="50820" --> Word Count (1)
 UserId="40853" --> Word Count (201)
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 UserId="40853" Comment="Improved Formatting" --> Word Count (1)

UserId="26562" Comment="formatting" --> Word Count (1047)
UserId="33551" --> Word Count (64)
UserId="50820" Comment="Fixed comment." --> Word Count (1047)
UserId="29587" --> Word Count (28)
UserId="50820" --> Word Count (108)
UserId="33551" --> Word Count (54)
UserId="33551" --> Word Count (102)
UserId="-1" Comment="103" --> Word Count (4)
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UserId="50832" --> Word Count (8)
UserId="50832" --> Word Count (1)
UserId="41929" --> Word Count (101)
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UserId="50828" --> Word Count (10)
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UserId="50831" --> Word Count (1)
UserId="24984" --> Word Count (113)
UserId="24984" --> Word Count (4)
UserId="24984" --> Word Count (1)
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UserId="50835" --> Word Count (1)
UserId="50727" --> Word Count (143)
UserId="50338" --> Word Count (104)
UserId="50727" --> Word Count (102)
UserId="50831" Comment="added 16 characters in body" --> Word Count (125)
UserId="-1" Comment="104" --> Word Count (3)
UserId="-1" Comment="103" --> Word Count (4)
UserId="-1" Comment="105" --> Word Count (5)
UserId="50727" --> Word Count (162)
UserId="40853" --> Word Count (234)
UserId="49852" --> Word Count (103)
UserId="40853" Comment="Improved Formatting" --> Word Count (1)
UserId="50802" --> Word Count (303)
UserId="50802" --> Word Count (21)
UserId="50802" --> Word Count (1)
UserId="45191" Comment="added 182 characters in body" --> Word Count (510)
UserId="50852" --> Word Count (940)
UserId="50852" --> Word Count (12)
UserId="50852" --> Word Count (1)
UserId="50852" --> Word Count (20)
UserId="50852" --> Word Count (10)
UserId="50852" --> Word Count (1)
UserId="50746" --> Word Count (171)
UserId="50746" --> Word Count (6)

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 UserId="50727" --> Word Count (4)
 UserId="50727" --> Word Count (1)
 UserId="50746" Comment="added 1 character in body" --> Word Count (171)
 UserId="50746" Comment="clarified structure of x, y" --> Word Count (204)
 UserId="50412" --> Word Count (412)
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 UserId="50440" --> Word Count (116)
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 UserId="50440" --> Word Count (1)
 UserId="50471" --> Word Count (26)
 UserId="43077" Comment="added 105 characters in body" --> Word Count (655)
 UserId="47080" --> Word Count (20)
 UserId="26562" Comment="formatting and minor grammar" --> Word Count (127)
 UserId="26562" --> Word Count (61)
 UserId="41740" --> Word Count (171)
 UserId="41740" --> Word Count (9)
 UserId="41740" --> Word Count (1)
 UserId="16213" Comment="Added a link." --> Word Count (48)
 UserId="13370" --> Word Count (78)
 UserId="50872" Comment="typo in 'colaboratory'. I changed the rest because it didn't allow me to change that few characters only" --> Word Count (107)
 UserId="43077" --> Word Count (67)
 UserId="43077" --> Word Count (6)
 UserId="43077" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (299)
 UserId="9257" --> Word Count (97)
 UserId="33551" --> Word Count (429)

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 UserId="21608" Comment="added 323 characters in body" --> Word Count (91)
 UserId="33551" --> Word Count (92)
 UserId="50885" --> Word Count (51)
 UserId="50885" --> Word Count (5)
 UserId="50885" --> Word Count (1)
 UserId="33551" Comment="added 177 characters in body" --> Word Count (464)
 UserId="9257" --> Word Count (55)
 UserId="9257" Comment="added 256 characters in body" --> Word Count (99)
 UserId="50471" --> Word Count (84)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (38)
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 UserId="46782" --> Word Count (10)
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 UserId="50146" --> Word Count (1)
 UserId="924" --> Word Count (23)
 UserId="39423" --> Word Count (51)
 UserId="39423" --> Word Count (11)
 UserId="39423" --> Word Count (1)
 UserId="39423" Text="You are probably trying to load word vectors that are shared in the fasttext.cc website or are trying to load using models that are trained with the latest one on master. There is [an issue in github](https://github.com/salestock/fastText.py/issues/115) with a lot of comments. One solution is to try to load from the text files the code for which is given [here][1]. I was able to work around this using java but had to train it in java only. Take a look at the examples in this package.

https://github.com/vinhkhuc/JFast --> Word Count (4)
 UserId="50146" Comment="Updated the latest obeservation" --> Word Count (112)
 UserId="50146" Comment="Updated the latest obeservation" --> Word Count (1)
 UserId="44808" --> Word Count (146)
 UserId="44808" --> Word Count (9)
 UserId="44808" --> Word Count (1)
 UserId="8820" --> Word Count (86)
 UserId="8820" Comment="added 259 characters in body" --> Word Count (120)
 UserId="8820" Comment="deleted 13 characters in body" --> Word Count (41)
 UserId="8820" Comment="added 355 characters in body" --> Word Count (189)
 UserId="29788" --> Word Count (158)
 UserId="37585" --> Word Count (90)
 UserId="37585" --> Word Count (15)
 UserId="37585" --> Word Count (1)
 UserId="46645" Comment="added 431 characters in body" --> Word Count (82)
 UserId="49678" --> Word Count (42)
 UserId="49678" --> Word Count (10)
 UserId="49678" --> Word Count (1)
 UserId="49441" --> Word Count (66)

UserId="49441" --> Word Count (13)
 UserId="49441" --> Word Count (1)
 UserId="50893" --> Word Count (277)
 UserId="50893" Comment="added 113 characters in body" --> Word Count (297)
 UserId="28175" --> Word Count (112)
 UserId="28175" Comment="added 3 characters in body; edited tags" --> Word Count (41)
 UserId="28175" Comment="added 3 characters in body; edited tags" --> Word Count (1)
 UserId="28175" Comment="edited body" --> Word Count (297)
 UserId="43077" --> Word Count (90)
 UserId="43077" --> Word Count (6)
 UserId="43077" --> Word Count (1)
 UserId="50869" Comment="added 301 characters in body" --> Word Count (61)
 UserId="28175" --> Word Count (117)
 UserId="50900" --> Word Count (131)
 UserId="50900" --> Word Count (9)
 UserId="50900" --> Word Count (1)
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 UserId="50899" --> Word Count (7)
 UserId="50899" --> Word Count (1)
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 UserId="50907" --> Word Count (1)
 UserId="50805" --> Word Count (300)
 UserId="50805" --> Word Count (13)
 UserId="50805" --> Word Count (1)
 UserId="20492" --> Word Count (98)
 UserId="20492" --> Word Count (802)
 UserId="29217" Comment="Fixed typo in title" --> Word Count (9)
 UserId="29575" Comment="Fixed typo in title" --> Word Count (126)
 UserId="50913" --> Word Count (78)
 UserId="9257" Comment="I corrected spelling adding some more detailed explanations of what i think original writer desired ask. Remove some useless sentences." --> Word Count (215)
 UserId="9257" Comment="I corrected spelling adding some more detailed explanations of what i think original writer desired ask. Remove some useless sentences." --> Word Count (6)
 UserId="9257" Comment="I corrected spelling adding some more detailed explanations of what i think original writer desired ask. Remove some useless sentences." --> Word Count (1)
 UserId="13023" Comment="Question framed as concept drift explanation. A machine learning concept." --> Word Count (184)
 UserId="13023" Comment="Question framed as concept drift explanation. A machine learning concept." --> Word Count (5)
 UserId="13023" Text="1.- Ideal true vs false ratios don't exist and they should reflect the the reality the best they can, you can always remove negatives if the ratio is too skewed to improve training speed though. Let me explain it with

an example. Ads CTR is as old as the internet and it's skewed to less than 1% positives vs. plus 99% negatives. Yet, data scientists prefer to train it on the entire dataset because many negatives will include information that models couldn't find otherwise. They might not provide a lot of information as a positive one but they are still somewhat important. There are approaches where CTR ratios get artificially rebalanced by sampling in case you want a swifter training and it will still work. In your case, positives are 0.4% which resemble CTR on ads so you can: gather more data to increase the number of positives in order to better understand what makes an article interesting. In case that is not possible trying ensembles which often improve prediction

performance.

2.- Clustering is an unsupervised approach so you would be losing information by doing so (training labels) besides, sentence embeddings (representations) of one big cluster of negatives and a tiny cluster of positives do not convey information as well as word embeddings which have already been trained on billions of documents.

A better approach is:

1) to use multiple models and compare their performance on this dataset. I have the impression that there will be certain keywords that make articles interesting, so a bag of words will still be helpful, even as a starter model. 

2)Use feature engineering. Your model might be overlooking important features, such as article length, reading time, number of paragraphs, ratio of complex words (measured by length), etc. Feature engineering is always important in case you haven't used it yet.

3)Use pretrained embeddings. CNN and RNN models can use pretrained embeddings such as GloVe, Word2Vec or Fast --> Word Count (36)

```

UserId="50917" --> Word Count (52)
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UserId="50917" --> Word Count (1)
UserId="9257" --> Word Count (145)
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UserId="50893" Comment="deleted 22 characters in body" --> Word Count (362)
UserId="50893" Comment="deleted 22 characters in body; deleted 3 characters in body" --> Word Count (373)
UserId="50893" Comment="deleted 124 characters in body" --> Word Count (350)
UserId="9257" Comment="Rephrase title more accordingly with body of question" --> Word Count (7)
UserId="50928" --> Word Count (44)
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UserId="-1" Comment="102" --> Word Count (2)

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UserId="34269" --> Word Count (506)
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 UserId="29575" Comment="Remove extra commentary" --> Word Count (40)
 UserId="2893" --> Word Count (360)
 UserId="2893" --> Word Count (8)
 UserId="2893" --> Word Count (1)
 UserId="50939" --> Word Count (54)
 UserId="50939" --> Word Count (10)
 UserId="50939" --> Word Count (1)
 UserId="924" Comment="added 2 characters in body" --> Word Count (145)
 UserId="50944" Text="Work with a Embedding Matrix. The Embedding Matrix Dimension = all your unique Tokens x Vector Dimension.

Your Embedding Layer should have the Dimension WordVektor x lenght of your --> Word Count (18)
 UserId="29575" Comment="Format Link" Text="Work with a Embedding Matrix. The Embedding Matrix Dimension = all of your unique Tokens x Vector Dimension.

Your Embedding Layer should have the Dimension WordVektor x length of your --> Word Count (16)
 UserId="50945" --> Word Count (623)
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 UserId="50946" --> Word Count (37)
 UserId="50946" --> Word Count (5)
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 UserId="28175" --> Word Count (73)
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 UserId="28175" Comment="deleted 3 characters in body; edited tags" --> Word Count (1)
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 UserId="50950" --> Word Count (1)
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 UserId="28660" --> Word Count (1)
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 UserId="50386" --> Word Count (193)
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 UserId="50146" --> Word Count (12)
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 UserId="32544" --> Word Count (1)
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 UserId="51059" --> Word Count (1)
 UserId="49226" Comment="spelling, grammar and formatting" --> Word Count (182)
 UserId="51060" --> Word Count (48)
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 UserId="43455" --> Word Count (263)
 UserId="50727" --> Word Count (83)
 UserId="33551" --> Word Count (382)
 UserId="33551" Comment="added 310 characters in body" --> Word Count (419)
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 UserId="33202" --> Word Count (94)
 UserId="50727" --> Word Count (53)
 UserId="50727" --> Word Count (7)

UserId="50727" --> Word Count (1)
 UserId="50956" Comment="clarify a misleading statement" --> Word Count (105)
 UserId="50993" --> Word Count (241)
 UserId="29575" Comment="memory is also hardware" --> Word Count (156)
 UserId="29575" Comment="Format list" --> Word Count (53)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (90)
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 UserId="50852" --> Word Count (1)
 UserId="43714" --> Word Count (168)
 UserId="43714" --> Word Count (14)
 UserId="43714" --> Word Count (1)
 UserId="50993" --> Word Count (95)
 UserId="13023" Comment="included more information requested in the comment"
 Text="1.- Ideal true vs false ratios don't exist and they should reflect the the reality the best they can, you can always remove negatives if the ratio is too skewed to improve training speed though. Let me explain it with an example. Ads CTR is as old as the internet and it's skewed to less than 1% positives vs. plus 99% negatives. Yet, data scientists prefer to train it on the entire dataset because many negatives will include information that models couldn't find otherwise. They might not provide a lot of information as a positive one but they are still somewhat important. There are approaches where CTR ratios get artificially rebalanced by sampling in case you want a swifter training and it will still work. In your case, positives are 0.4% which resemble CTR on ads so you can: gather more data to increase the number of positives in order to better understand what makes an article interesting. In case that is not possible trying ensembles which often improve prediction performance.

2.- Clustering is an unsupervised approach so you would be losing information by doing so (training labels) besides, sentence embeddings (representations) of one big cluster of negatives and a tiny cluster of positives do not convey information as well as word embeddings which have already been trained on billions of documents.

In addition, running k-means on categorical variables will yield anomalous clusters because it's meant to be used with continuous variables. You can find more information about the topic on the following links:

<https://stats.stackexchange.com/questions/58910/kmeans-whether-to-standardise-can-you-use-categorical-variables-is-cluster-3>

<https://datascience.stackexchange.com/questions/22/k-means-clustering-for-mixed-numeric-and-categorical-data>

<https://www.kaggle.com/general/19741>

<https://www.quora.com/Why-does-K-means-clustering-perform-poorly-on-categorical-data-The-weakness-of-the-K-means-method-is-that-it-is-applicable-only-when-the-mean-is-defined-one-needs-to-specify-K-in-advance-and-it-is-unable-to-handle-noisy-data-and-outliers>

Therefore, you should use high dimensional embeddings or representations to cluster meanings together, this has been explored in word meanings but for sentences or articles, a vector representation becomes more complicated to implement. One possible approach is the Word Movers' Distance but there are many more possible approaches, you should google them. In addition a non-linear clustering algorithm such as t-sne

will probably yield better results than k-means using the embeddings approach.

A better approach is:

1) to use multiple models and compare their performance on this dataset. I have the impression that there will be certain keywords that make articles interesting, so a bag of words will still be helpful, even as a starter model.

2)Use feature engineering. Your model might be overlooking important features, such as article length, reading time, number of paragraphs, ratio of complex words (measured by length), etc. Feature engineering is always important in case you haven't used it yet.

3)Use pretrained embeddings. CNN and RNN models can use pretrained embeddings such as GloVe, Word2Vec or Fast --> Word Count (36)

UserId="50622" --> Word Count (909)

UserId="50622" --> Word Count (11)

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UserId="50622" Comment="added 1 character in body" --> Word Count (909)

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UserId="33551" Comment="added 511 characters in body" --> Word Count (377)

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 UserId="34269" Comment="improved formatting" --> Word Count (416)
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 UserId="38751" Comment="deleted 13 characters in body" --> Word Count (80)
 UserId="50532" --> Word Count (106)
 UserId="50532" --> Word Count (13)
 UserId="50532" --> Word Count (1)
 UserId="51131" Comment="added 127 characters in body" --> Word Count (79)
 UserId="31086" --> Word Count (20)
 UserId="51126" Comment="edited body" --> Word Count (733)
 UserId="31086" Comment="added 89 characters in body" --> Word Count (32)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (79)
 UserId="51131" Comment="edited body" --> Word Count (79)
 UserId="51126" Comment="added 176 characters in body" --> Word Count (769)
 UserId="51126" Comment="added 155 characters in body" --> Word Count (798)
 UserId="27369" --> Word Count (103)
 UserId="27369" --> Word Count (6)
 UserId="27369" --> Word Count (1)
 UserId="50257" --> Word Count (42)
 UserId="50257" --> Word Count (7)
 UserId="50257" --> Word Count (1)
 UserId="51139" --> Word Count (59)
 UserId="33202" --> Word Count (137)
 UserId="42852" Comment="less confusing wording" --> Word Count (106)
 UserId="-1" Comment="Did mean fully convolutional networks ? because fully connected networks are simply Multi Layer Perceptron and are not suited for this task" --> Word Count (77)
 UserId="33551" --> Word Count (99)
 UserId="51141" --> Word Count (245)
 UserId="51141" --> Word Count (7)
 UserId="51141" --> Word Count (1)
 UserId="50727" --> Word Count (61)

UserId="38751" Comment="deleted 11 characters in body" --> Word Count (45)
UserId="38751" Comment="added 1 character in body" --> Word Count (80)
UserId="51084" Comment="added 26 characters in body" --> Word Count (211)
UserId="50727" --> Word Count (49)
UserId="50727" --> Word Count (5)
UserId="50727" --> Word Count (1)
UserId="51147" --> Word Count (111)
UserId="51147" --> Word Count (8)
UserId="51147" --> Word Count (1)
UserId="51143" --> Word Count (298)
UserId="51143" --> Word Count (7)
UserId="51143" --> Word Count (1)
UserId="43077" Comment="added 85 characters in body" --> Word Count (441)
UserId="51129" --> Word Count (16)
UserId="51129" --> Word Count (5)
UserId="51129" --> Word Count (1)
UserId="51143" Comment="added 205 characters in body" --> Word Count (332)
UserId="49852" --> Word Count (91)
UserId="33551" --> Word Count (64)
UserId="43959" --> Word Count (257)
UserId="43959" --> Word Count (5)
UserId="43959" --> Word Count (1)
UserId="50622" Comment="deleted 2 characters in body" --> Word Count (522)
UserId="33551" --> Word Count (93)
UserId="35644" --> Word Count (35)
UserId="50727" --> Word Count (159)
UserId="33202" --> Word Count (393)
UserId="1330" Comment="added 1 character in body; edited title" --> Word Count (257)
UserId="1330" Comment="added 1 character in body; edited title" --> Word Count (6)
UserId="9257" --> Word Count (299)
UserId="33202" Comment="added 4 characters in body" --> Word Count (393)
UserId="51143" Comment="added 2 characters in body; edited tags; edited tags" --> Word Count (333)
UserId="51143" Comment="added 2 characters in body; edited tags; edited tags" --> Word Count (1)
UserId="51007" --> Word Count (146)
UserId="51007" --> Word Count (7)
UserId="51007" --> Word Count (1)
UserId="924" --> Word Count (56)
UserId="924" --> Word Count (81)
UserId="51153" --> Word Count (630)
UserId="51153" Comment="added 8 characters in body" --> Word Count (631)
UserId="39007" --> Word Count (71)
UserId="29842" Comment="formatting improvements, added link to docs" --> Word Count (178)
UserId="51147" Comment="via Vote" --> Word Count (1)

UserId="51147" --> Word Count (1)
 UserId="51147" Comment="added 193 characters in body; edited title" --> Word Count (153)
 UserId="51147" Comment="added 193 characters in body; edited title" --> Word Count (9)
 UserId="51147" Comment="deleted 1 character in body" --> Word Count (154)
 UserId="43077" Comment="added 1 character in body" --> Word Count (77)
 UserId="37125" --> Word Count (84)
 UserId="37125" --> Word Count (7)
 UserId="37125" --> Word Count (1)
 UserId="29842" Comment="Some code formatting improvements" --> Word Count (133)
 UserId="37125" Comment="added 473 characters in body" --> Word Count (151)
 UserId="43077" --> Word Count (283)
 UserId="43077" --> Word Count (6)
 UserId="43077" --> Word Count (1)
 UserId="37125" Comment="fixed spelling error and updated title to be more appropriate" --> Word Count (150)
 UserId="37125" Comment="fixed spelling error and updated title to be more appropriate" --> Word Count (9)
 UserId="43077" Comment="added 4 characters in body" --> Word Count (283)
 UserId="50727" --> Word Count (100)
 UserId="51131" Comment="ADD sentence about how to contribute to project" --> Word Count (331)
 UserId="43077" Comment="added 543 characters in body" --> Word Count (359)
 UserId="43077" Comment="added 2 characters in body" --> Word Count (655)
 UserId="47856" --> Word Count (147)
 UserId="39294" --> Word Count (101)
 UserId="50967" --> Word Count (76)
 UserId="50967" --> Word Count (14)
 UserId="50967" --> Word Count (1)
 UserId="39294" --> Word Count (79)
 UserId="8820" --> Word Count (51)
 UserId="8820" --> Word Count (9)
 UserId="8820" --> Word Count (1)
 UserId="41888" --> Word Count (252)
 UserId="41888" --> Word Count (10)
 UserId="41888" --> Word Count (1)
 UserId="50967" Comment="added 2 characters in body" --> Word Count (76)
 UserId="51188" --> Word Count (100)
 UserId="50727" --> Word Count (94)
 UserId="51192" --> Word Count (27)
 UserId="50727" --> Word Count (133)
 UserId="51198" --> Word Count (160)
 UserId="51198" --> Word Count (5)
 UserId="51198" --> Word Count (1)
 UserId="33335" --> Word Count (170)
 UserId="33335" --> Word Count (11)
 UserId="33335" --> Word Count (1)

UserId="33335" Comment="added 13 characters in body" --> Word Count (171)
 UserId="51204" --> Word Count (23)
 UserId="51204" --> Word Count (5)
 UserId="51204" --> Word Count (1)
 UserId="28175" --> Word Count (835)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="51208" --> Word Count (802)
 UserId="51208" --> Word Count (5)
 UserId="51208" --> Word Count (1)
 UserId="28175" --> Word Count (65)
 UserId="50967" Comment="added 4 characters in body" --> Word Count (78)
 UserId="28175" --> Word Count (296)
 UserId="50402" --> Word Count (117)
 UserId="50402" --> Word Count (9)
 UserId="50402" --> Word Count (1)
 UserId="33551" Comment="Used "preformatted text" option to make code more readable. (Added 6 characters to satisfy the SE edit requirement)" --> Word Count (121)
 UserId="29575" Comment="Used "preformatted text" option to make code more readable. (Added 6 characters to satisfy the SE edit requirement)" --> Word Count (65)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (27)
 UserId="41888" Comment="edited body" --> Word Count (252)
 UserId="51126" Comment="added 1317 characters in body; edited title" --> Word Count (973)
 UserId="51126" Comment="added 1317 characters in body; edited title" --> Word Count (8)
 UserId="28175" Comment="added 606 characters in body" --> Word Count (178)
 UserId="29575" Comment="Minor grammar" --> Word Count (801)
 UserId="7725" Text="A sentence (Segmented from a document) as below:

 This Amendment dated 26th of April 2018 modifies the Agreement dated 20th April 2017.
 or
 This Amendment depends on the agreement dated 20th April 2017

I would like to extract the following as a CSV

 Document_type | Date_of_document | relation | related_doc | related_doc_date

 Amendment | 26-04-2018 | modifies | Agreement | 20-04-2017
 Amendment | Null | depends | agreement | 20-04-2017

*
What have I done till now*

Found and extracted dates using Stanford NER. Got them in a normalized form. Can extract Noun Phrases using --> Word Count (19)
 UserId="7725" --> Word Count (8)
 UserId="7725" --> Word Count (1)
 UserId="51210" --> Word Count (130)
 UserId="51211" --> Word Count (76)
 UserId="51211" --> Word Count (13)
 UserId="51211" --> Word Count (1)
 UserId="33551" --> Word Count (130)

UserId="42238" Comment="add more information" --> Word Count (110)
 UserId="50247" --> Word Count (18)
 UserId="50247" --> Word Count (7)
 UserId="50247" --> Word Count (1)
 UserId="9123" --> Word Count (37)
 UserId="41728" --> Word Count (52)
 UserId="9123" Comment="added 2 characters in body" --> Word Count (37)
 UserId="41728" Comment="added 5 characters in body" --> Word Count (53)
 UserId="50247" Comment="typing mistake" --> Word Count (37)
 UserId="51216" --> Word Count (123)
 UserId="28175" Comment="added 1 character in body" --> Word Count (107)
 UserId="28175" --> Word Count (34)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (973)
 UserId="33551" --> Word Count (118)
 UserId="33551" Comment="deleted 39 characters in body" --> Word Count (114)
 UserId="28175" Comment="added 7 characters in body" --> Word Count (42)
 UserId="51217" --> Word Count (755)
 UserId="51217" --> Word Count (13)
 UserId="51217" --> Word Count (1)
 UserId="49524" --> Word Count (411)
 UserId="50899" --> Word Count (169)
 UserId="50899" --> Word Count (13)
 UserId="50899" --> Word Count (1)
 UserId="1330" --> Word Count (30)
 UserId="41025" --> Word Count (185)
 UserId="41025" --> Word Count (5)
 UserId="41025" --> Word Count (1)
 UserId="26581" --> Word Count (53)
 UserId="50963" Comment="added 176 characters in body" --> Word Count (51)
 UserId="381" Comment="added 3 characters in body" --> Word Count (172)
 UserId="50727" --> Word Count (147)
 UserId="28175" Comment="added 142 characters in body" --> Word Count (79)
 UserId="50727" --> Word Count (76)
 UserId="39281" --> Word Count (117)
 UserId="39281" --> Word Count (9)
 UserId="39281" --> Word Count (1)
 UserId="50963" Comment="added 35 characters in body" --> Word Count (58)
 UserId="35644" --> Word Count (80)
 UserId="50963" Comment="deleted 180 characters in body" --> Word Count (26)
 UserId="47064" --> Word Count (102)
 UserId="47064" --> Word Count (9)
 UserId="47064" --> Word Count (1)
 UserId="50146" --> Word Count (25)
 UserId="50146" --> Word Count (4)
 UserId="50146" --> Word Count (1)
 UserId="47856" Comment="Extended answer to reflect new insights." --> Word Count (554)

UserId="51211" --> Word Count (63)
 UserId="8820" Comment="added 98 characters in body; edited tags; edited title"
 --> Word Count (69)
 UserId="8820" Comment="added 98 characters in body; edited tags; edited title"
 --> Word Count (10)
 UserId="8820" Comment="added 98 characters in body; edited tags; edited title"
 --> Word Count (1)
 UserId="50727" --> Word Count (109)
 UserId="51167" --> Word Count (89)
 UserId="51167" --> Word Count (4)
 UserId="51167" --> Word Count (1)
 UserId="26562" Comment="formatting & grammar, removed extraneous stugg" -->
 Word Count (101)
 UserId="47856" Comment="Removal of some ambiguity." --> Word Count (553)
 UserId="1165" --> Word Count (104)
 UserId="1165" --> Word Count (5)
 UserId="1165" --> Word Count (1)
 UserId="50727" --> Word Count (147)
 UserId="1165" Comment="more instead of less" --> Word Count (104)
 UserId="45264" --> Word Count (873)
 UserId="34269" --> Word Count (91)
 UserId="51241" --> Word Count (85)
 UserId="51241" Comment="added 36 characters in body" --> Word Count (92)
 UserId="45264" --> Word Count (322)
 UserId="41968" --> Word Count (44)
 UserId="41968" --> Word Count (7)
 UserId="41968" --> Word Count (1)
 UserId="51242" --> Word Count (27)
 UserId="51242" --> Word Count (5)
 UserId="51242" --> Word Count (1)
 UserId="45264" Comment="Added firther comments and comparisons/reasons for the
 discussed method." --> Word Count (485)
 UserId="45264" Comment="Correction of a few typos and formatting." --> Word
 Count (957)
 UserId="45264" Comment="Correction of a few typos and formatting." --> Word
 Count (11)
 UserId="51243" Comment="Made image work" --> Word Count (27)
 UserId="29575" Comment="Made image work" --> Word Count (29)
 UserId="41968" Comment="added 55 characters in body" --> Word Count (52)
 UserId="31086" --> Word Count (41)
 UserId="35644" --> Word Count (333)
 UserId="35644" --> Word Count (100)
 UserId="35644" Comment="added 63 characters in body" --> Word Count (107)
 UserId="35644" Comment="added 34 characters in body" --> Word Count (111)
 UserId="43768" --> Word Count (241)
 UserId="43768" --> Word Count (8)
 UserId="43768" --> Word Count (1)
 UserId="35644" Comment="added 30 characters in body" --> Word Count (81)

UserId="51248" --> Word Count (174)
 UserId="51248" --> Word Count (11)
 UserId="51248" --> Word Count (1)
 UserId="43077" --> Word Count (215)
 UserId="43077" --> Word Count (12)
 UserId="43077" --> Word Count (1)
 UserId="43077" Comment="added 704 characters in body" --> Word Count (341)
 UserId="43077" Comment="added 13 characters in body" --> Word Count (343)
 UserId="27250" Comment="added 764 characters in body" --> Word Count (311)
 UserId="27250" Comment="added 386 characters in body" --> Word Count (364)
 UserId="51239" --> Word Count (879)
 UserId="50811" --> Word Count (155)
 UserId="50811" --> Word Count (11)
 UserId="50811" --> Word Count (1)
 UserId="50811" Comment="I added some more information from the documentation"
 --> Word Count (205)
 UserId="43077" Comment="deleted 1 character in body" --> Word Count (343)
 UserId="51244" --> Word Count (497)
 UserId="924" --> Word Count (64)
 UserId="50727" Comment="deleted 26 characters in body" --> Word Count (142)
 UserId="51255" --> Word Count (51)
 UserId="51255" --> Word Count (19)
 UserId="51255" --> Word Count (1)
 UserId="8878" --> Word Count (303)
 UserId="47265" --> Word Count (561)
 UserId="47265" --> Word Count (12)
 UserId="47265" --> Word Count (1)
 UserId="47265" Comment="added 22 characters in body" --> Word Count (563)
 UserId="41968" Comment="deleted 3 characters in body" --> Word Count (52)
 UserId="40853" Comment="Appended link" --> Word Count (503)
 UserId="37585" --> Word Count (918)
 UserId="37585" --> Word Count (10)
 UserId="37585" --> Word Count (1)
 UserId="8878" Comment="Graphs are mathematical object. This question is about
 "Plots/Visualization"" --> Word Count (29)
 UserId="8878" Comment="Graphs are mathematical object. This question is about
 "Plots/Visualization"" --> Word Count (5)
 UserId="8878" Comment="Graphs are mathematical object. This question is about
 "Plots/Visualization"" --> Word Count (1)
 UserId="50727" --> Word Count (156)
 UserId="32402" --> Word Count (90)
 UserId="51264" --> Word Count (83)
 UserId="51264" --> Word Count (6)
 UserId="51264" --> Word Count (1)
 UserId="51230" --> Word Count (996)
 UserId="51230" --> Word Count (3)
 UserId="51230" --> Word Count (1)
 UserId="33551" --> Word Count (105)

UserId="45264" --> Word Count (310)
 UserId="33551" Comment="added 330 characters in body" --> Word Count (142)
 UserId="51269" --> Word Count (57)
 UserId="33551" --> Word Count (61)
 UserId="33551" Comment="added 349 characters in body" --> Word Count (109)
 UserId="35644" Comment="added 77 characters in body" --> Word Count (126)
 UserId="51275" --> Word Count (43)
 UserId="51275" --> Word Count (10)
 UserId="51275" --> Word Count (1)
 UserId="51129" --> Word Count (35)
 UserId="51129" --> Word Count (5)
 UserId="51129" --> Word Count (1)
 UserId="50727" --> Word Count (64)
 UserId="50727" --> Word Count (71)
 UserId="33202" --> Word Count (73)
 UserId="32402" Comment="Added r tag" --> Word Count (1)
 UserId="29575" Comment="Added r tag" --> Word Count (342)
 UserId="29575" Comment="Format Link" --> Word Count (57)
 UserId="51269" Comment="Hyperlinking instead of plain text links" --> Word Count (62)
 UserId="1330" --> Word Count (102)
 UserId="50727" Comment="Grammar mistake" --> Word Count (72)
 UserId="51282" --> Word Count (38)
 UserId="27250" Comment="added 209 characters in body" --> Word Count (400)
 UserId="51239" Comment="slight clarification of what a comparison was comparing" --> Word Count (882)
 UserId="38047" --> Word Count (92)
 UserId="38047" --> Word Count (11)
 UserId="38047" --> Word Count (1)
 UserId="51239" --> Word Count (134)
 UserId="28175" --> Word Count (47)
 UserId="51297" --> Word Count (22)
 UserId="29575" Comment="Format link" --> Word Count (22)
 UserId="43077" Comment="edited body" --> Word Count (67)
 UserId="43077" Comment="added 227 characters in body" --> Word Count (503)
 UserId="43077" Comment="added 98 characters in body" --> Word Count (520)
 UserId="51007" --> Word Count (44)
 UserId="51007" --> Word Count (7)
 UserId="51007" --> Word Count (1)
 UserId="51301" --> Word Count (297)
 UserId="51301" --> Word Count (7)
 UserId="51301" --> Word Count (1)
 UserId="43077" --> Word Count (80)
 UserId="43077" --> Word Count (7)
 UserId="43077" --> Word Count (1)
 UserId="23305" Comment="typo" --> Word Count (80)
 UserId="23305" Comment="typo" --> Word Count (7)
 UserId="43077" Comment="added 35 characters in body" --> Word Count (87)

UserId="51305" --> Word Count (40)
 UserId="51305" --> Word Count (8)
 UserId="51305" --> Word Count (1)
 UserId="50727" --> Word Count (67)
 UserId="39281" Comment="added 186 characters in body" --> Word Count (139)
 UserId="26562" Comment="grammar" --> Word Count (41)
 UserId="26562" Comment="grammar" --> Word Count (9)
 UserId="26562" --> Word Count (104)
 UserId="51308" --> Word Count (134)
 UserId="51308" --> Word Count (3)
 UserId="51308" --> Word Count (1)
 UserId="47488" --> Word Count (149)
 UserId="28175" --> Word Count (115)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (34)
 UserId="-1" Comment="103" --> Word Count (4)
 UserId="-1" Comment="104" --> Word Count (4)
 UserId="51311" --> Word Count (49)
 UserId="51311" --> Word Count (8)
 UserId="51311" --> Word Count (1)
 UserId="41312" --> Word Count (56)
 UserId="924" --> Word Count (40)
 UserId="50146" --> Word Count (18)
 UserId="50146" --> Word Count (6)
 UserId="50146" --> Word Count (1)
 UserId="38892" --> Word Count (76)
 UserId="38892" Comment="added 223 characters in body" --> Word Count (110)
 UserId="41312" --> Word Count (53)
 UserId="51314" --> Word Count (79)
 UserId="51129" --> Word Count (29)
 UserId="51129" --> Word Count (4)
 UserId="51129" --> Word Count (1)
 UserId="50727" --> Word Count (75)
 UserId="8820" --> Word Count (129)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (84)
 UserId="45264" --> Word Count (526)
 UserId="33551" Comment="added 438 characters in body" --> Word Count (172)
 UserId="51321" Text="I am classifying text using [fastText][1] which is a word2vec library that can also create vectors for character level n-grams and I have successfully trained a binary classifier.

Now I'd like to see what words or subword n-grams are the most predictive of a class for the two classes (e.g. if classifier sees a word `forest` or a subword `res` then that might be a strong indication that the document has label `Nature`, but if it sees word "and" then that is probably not very informative for this classification task).

Therefore, I guess the question could be phrased as:

**Given vectors representing words and subwords and a trained fastText classifier, what would be the best way to get a list of e.g. top 10 most informative words and subwords for deciding which class

a sample belongs to?*

Even though I'd be glad if you could make specific suggestions that consider my current setup with fast --> Word Count (13)

UserId="51321" --> Word Count (9)

UserId="51321" --> Word Count (1)

UserId="37125" Comment="added 1861 characters in body" --> Word Count (657)

UserId="37125" Comment="deleted 76 characters in body" --> Word Count (646)

UserId="51322" --> Word Count (186)

UserId="51322" --> Word Count (14)

UserId="51322" --> Word Count (1)

UserId="38892" Comment="change explicit url to a link, centering for maths formatting and fix a maths typo" --> Word Count (134)

UserId="47488" Text="Note 1: I believe the technical term for what you are looking for is '(sub)word salience'. 

First thought (which is not the best method, but could be worth a quick try if your examples are smallish) - Run the text with all words through fast --> Word Count (192)

UserId="31434" --> Word Count (590)

UserId="31434" --> Word Count (6)

UserId="31434" --> Word Count (1)

UserId="1330" Comment="deleted 5 characters in body" --> Word Count (101)

UserId="40473" --> Word Count (57)

UserId="40473" --> Word Count (9)

UserId="40473" --> Word Count (1)

UserId="51330" --> Word Count (77)

UserId="51334" --> Word Count (116)

UserId="51334" --> Word Count (14)

UserId="51334" --> Word Count (1)

UserId="51334" Comment="edited title" --> Word Count (15)

UserId="43077" Comment="edited body" --> Word Count (342)

UserId="51330" Comment="I give a better explanation of the relation between the reset of hidden states and the asked problem" --> Word Count (140)

UserId="27250" --> Word Count (117)

UserId="51330" Comment="added 295 characters in body" --> Word Count (184)

UserId="50386" --> Word Count (86)

UserId="44394" --> Word Count (104)

UserId="44394" --> Word Count (14)

UserId="44394" --> Word Count (1)

UserId="17539" --> Word Count (868)

UserId="17539" --> Word Count (13)

UserId="17539" --> Word Count (1)

UserId="17539" Comment="edited tags" --> Word Count (1)

UserId="51344" --> Word Count (100)

UserId="51344" --> Word Count (5)

UserId="51344" --> Word Count (1)

UserId="17539" Comment="added 13 characters in body" --> Word Count (870)

UserId="17539" Comment="edited title" --> Word Count (13)

UserId="47488" --> Word Count (198)

UserId="47488" --> Word Count (7)

UserId="47488" --> Word Count (1)
 UserId="41312" --> Word Count (20)
 UserId="28175" --> Word Count (186)
 UserId="28175" Comment="deleted 5 characters in body; edited tags; edited title"
 --> Word Count (103)
 UserId="28175" Comment="deleted 5 characters in body; edited tags; edited title"
 --> Word Count (14)
 UserId="28175" Comment="deleted 5 characters in body; edited tags; edited title"
 --> Word Count (1)
 UserId="28175" Comment="added 352 characters in body" --> Word Count (225)
 UserId="47488" --> Word Count (184)
 UserId="28175" Comment="edited title" --> Word Count (14)
 UserId="51343" Comment="corrected grammar" --> Word Count (269)
 UserId="26562" Comment="corrected grammar" --> Word Count (270)
 UserId="9257" Comment="Segmetation -> segmentation " --> Word Count (3)
 UserId="37125" --> Word Count (253)
 UserId="51349" --> Word Count (205)
 UserId="51349" --> Word Count (12)
 UserId="51349" --> Word Count (1)
 UserId="26562" Comment="latex" --> Word Count (89)
 UserId="49678" --> Word Count (78)
 UserId="49678" --> Word Count (7)
 UserId="49678" --> Word Count (1)
 UserId="51315" --> Word Count (74)
 UserId="51315" Text=" --> Word Count (7)
 UserId="51315" --> Word Count (1)
 UserId="45713" --> Word Count (52)
 UserId="45713" --> Word Count (5)
 UserId="45713" --> Word Count (1)
 UserId="26394" --> Word Count (102)
 UserId="26394" --> Word Count (327)
 UserId="51223" --> Word Count (52)
 UserId="51223" --> Word Count (7)
 UserId="51223" --> Word Count (1)
 UserId="47856" --> Word Count (431)
 UserId="45191" --> Word Count (424)
 UserId="45191" --> Word Count (7)
 UserId="45191" --> Word Count (1)
 UserId="26394" --> Word Count (178)
 UserId="51315" Comment="added 7 characters in body" --> Word Count (75)
 UserId="13370" --> Word Count (81)
 UserId="13370" --> Word Count (54)
 UserId="50471" --> Word Count (40)
 UserId="51369" --> Word Count (64)
 UserId="51369" --> Word Count (20)
 UserId="51369" --> Word Count (1)
 UserId="47488" --> Word Count (412)
 UserId="47488" Comment="added 454 characters in body" --> Word Count (494)

UserId="51375" --> Word Count (143)
 UserId="51375" --> Word Count (128)
 UserId="37793" Comment="Mathjax is nicer :)" --> Word Count (73)
 UserId="26562" Comment="Mathjax is nicer :)" --> Word Count (73)
 UserId="47856" Comment="Corrected grammar, wording and spelling" --> Word Count (26)
 UserId="47856" Comment="Corrected grammar, wording and spelling" --> Word Count (3)
 UserId="26562" Comment="Corrected grammar, wording and spelling" --> Word Count (26)
 UserId="26562" Comment="edited title" --> Word Count (3)
 UserId="43077" Comment="deleted 18 characters in body" --> Word Count (221)
 UserId="43077" Comment="added 6 characters in body" --> Word Count (133)
 UserId="43077" Comment="added 2 characters in body" --> Word Count (126)
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 OP's request in the comments" --> Word Count (383)
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 put a bounty on it only if it helps me with the implementation." --> Word Count
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 put a bounty on it only if it helps me with the implementation." --> Word Count
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–Text Classification– is a form of supervised learning, hence the set of possible classes are known/defined _in advance_, and won't change.

–Topic Modeling– is a form of unsupervised learning (akin to clustering), so the set of possible topics are unknown _apriori_. They're defined as part of generating the topic models. With a non-deterministic algorithm like LDA, you'll get different topics each time you run the algorithm.

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–Text Classification– is a form of supervised learning, hence the set of possible classes are known/defined _in advance_, and won't change.

–Topic Modeling– is a form of unsupervised learning (akin to clustering), so the set of possible topics are unknown _apriori_. They're defined as part of generating the topic models. With a non-deterministic algorithm like LDA, you'll get different topics each time you run the algorithm.

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UserId="-1" Comment="102" --> Word Count (5)
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UserId="29575" Comment="Removed commentary, minor formatting" --> Word Count (239)
UserId="47488" --> Word Count (137)
UserId="25180" Comment="tags edited" --> Word Count (1)
UserId="25180" Comment="tags edited" --> Word Count (1)
UserId="51694" --> Word Count (34)
UserId="1330" Comment="added 75 characters in body" --> Word Count (237)
UserId="51696" --> Word Count (100)
UserId="40853" Comment="Appended link" --> Word Count (37)
UserId="15325" --> Word Count (491)
UserId="15325" --> Word Count (9)
UserId="15325" --> Word Count (1)
UserId="47488" Comment="The tag did not exist, so I made it..." --> Word Count (22)
UserId="47488" Comment="The tag did not exist, so I made it..." --> Word Count (55)
UserId="44039" --> Word Count (219)
UserId="8501" --> Word Count (190)
UserId="8501" Comment="added 700 characters in body" --> Word Count (265)
UserId="44039" --> Word Count (212)

UserId="51685" --> Word Count (484)
 UserId="50727" --> Word Count (87)
 UserId="44039" --> Word Count (67)
 UserId="51562" --> Word Count (95)
 UserId="51562" --> Word Count (15)
 UserId="51562" --> Word Count (1)
 UserId="8501" Comment="clarification; tagged 'sensitivity-analysis'" --> Word Count (9)
 UserId="8501" Comment="clarification; tagged 'sensitivity-analysis'" --> Word Count (1)
 UserId="8501" Comment="clarification" --> Word Count (43)
 UserId="8501" Comment="clarification" --> Word Count (9)
 UserId="37063" --> Word Count (54)
 UserId="37063" --> Word Count (9)
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 UserId="14006" --> Word Count (7)
 UserId="14006" --> Word Count (1)
 UserId="50727" --> Word Count (70)
 UserId="51714" --> Word Count (124)
 UserId="51714" --> Word Count (5)
 UserId="51714" --> Word Count (1)
 UserId="51716" --> Word Count (102)
 UserId="51716" --> Word Count (11)
 UserId="51716" --> Word Count (1)
 UserId="51717" --> Word Count (274)
 UserId="51717" --> Word Count (8)
 UserId="51717" --> Word Count (1)
 UserId="40853" Comment="Improved Formatting" --> Word Count (110)
 UserId="40853" Comment="Improved Formatting" --> Word Count (1)
 UserId="41991" --> Word Count (74)
 UserId="41991" --> Word Count (10)
 UserId="41991" --> Word Count (1)
 UserId="51192" --> Word Count (50)
 UserId="51721" --> Word Count (178)
 UserId="51721" --> Word Count (6)
 UserId="51721" --> Word Count (1)
 UserId="51719" --> Word Count (883)
 UserId="51719" --> Word Count (10)
 UserId="51719" --> Word Count (1)
 UserId="51724" --> Word Count (33)
 UserId="51724" --> Word Count (3)
 UserId="51724" --> Word Count (1)
 UserId="42634" Comment="Update link to a forked version with some more features" --> Word Count (25)
 UserId="29587" --> Word Count (135)
 UserId="1330" Comment="deleted 2 characters in body" --> Word Count (237)

UserId="1330" Comment="edited tags" --> Word Count (1)
 UserId="49102" --> Word Count (52)
 UserId="49102" --> Word Count (6)
 UserId="49102" --> Word Count (1)
 UserId="51733" --> Word Count (622)
 UserId="51733" --> Word Count (5)
 UserId="51733" --> Word Count (1)
 UserId="49102" Comment="added 1 character in body" --> Word Count (52)
 UserId="45264" --> Word Count (752)
 UserId="14006" --> Word Count (126)
 UserId="41740" --> Word Count (285)
 UserId="41740" --> Word Count (5)
 UserId="41740" --> Word Count (1)
 UserId="51740" --> Word Count (895)
 UserId="51740" --> Word Count (6)
 UserId="51740" --> Word Count (1)
 UserId="51743" --> Word Count (87)
 UserId="51743" --> Word Count (9)
 UserId="51743" --> Word Count (1)
 UserId="14006" --> Word Count (104)
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 UserId="50706" Comment="spelling, clarity" --> Word Count (214)
 UserId="41929" --> Word Count (122)
 UserId="51589" --> Word Count (106)
 UserId="51589" --> Word Count (3)
 UserId="51589" --> Word Count (1)
 UserId="51719" Comment="added 284 characters in body; edited tags" --> Word Count (927)
 UserId="51719" Comment="added 284 characters in body; edited tags" --> Word Count (1)
 UserId="41740" Comment="added 1201 characters in body" --> Word Count (552)
 UserId="8501" Comment="clarification" --> Word Count (43)
 UserId="47488" Comment="code formatting" --> Word Count (1831)
 UserId="51748" --> Word Count (178)
 UserId="51748" --> Word Count (5)
 UserId="51748" --> Word Count (1)
 UserId="47257" --> Word Count (128)
 UserId="47257" --> Word Count (19)
 UserId="47257" --> Word Count (1)
 UserId="47488" --> Word Count (193)
 UserId="41929" Comment="added 104 characters in body" --> Word Count (132)
 UserId="381" Comment="edited title" --> Word Count (6)
 UserId="41219" --> Word Count (35)
 UserId="41219" --> Word Count (10)
 UserId="41219" --> Word Count (1)
 UserId="1330" --> Word Count (102)
 UserId="8501" Comment="added 9 characters in body" --> Word Count (267)
 UserId="51760" --> Word Count (19)

UserId="51760" --> Word Count (7)
 UserId="51760" --> Word Count (1)
 UserId="51562" --> Word Count (32)
 UserId="51562" --> Word Count (7)
 UserId="51562" --> Word Count (1)
 UserId="50951" --> Word Count (89)
 UserId="49914" --> Word Count (91)
 UserId="49914" --> Word Count (5)
 UserId="49914" --> Word Count (1)
 UserId="47488" --> Word Count (97)
 UserId="8501" Comment="clarification" --> Word Count (44)
 UserId="51562" Comment="added 24 characters in body" --> Word Count (43)
 UserId="51659" --> Word Count (223)
 UserId="40853" Comment="Improved Formatting" --> Word Count (48)
 UserId="49914" --> Word Count (210)
 UserId="49914" Comment="added 273 characters in body" --> Word Count (254)
 UserId="1330" Comment="deleted 50 characters in body" --> Word Count (98)
 UserId="51659" Comment="deleted 5 characters in body" --> Word Count (222)
 UserId="44039" --> Word Count (281)
 UserId="50146" --> Word Count (71)
 UserId="50146" --> Word Count (4)
 UserId="50146" --> Word Count (1)
 UserId="381" Comment="added 3 characters in body" --> Word Count (71)
 UserId="51648" --> Word Count (86)
 UserId="51648" --> Word Count (4)
 UserId="51648" --> Word Count (1)
 UserId="9123" Comment="edited tags" --> Word Count (1)
 UserId="51744" --> Word Count (114)
 UserId="51744" --> Word Count (12)
 UserId="51744" --> Word Count (1)
 UserId="30653" --> Word Count (40)
 UserId="30653" --> Word Count (8)
 UserId="30653" --> Word Count (1)
 UserId="50828" --> Word Count (107)
 UserId="50828" --> Word Count (14)
 UserId="50828" --> Word Count (1)
 UserId="44039" --> Word Count (47)
 UserId="14006" Text="I have worked on lexicon level token normalization on twitter data, which seems to be very similar to what you are trying to do. In our task, we were not only normalizing *short word*, but also "welllll",>"well", "lysm",>"love you so much", "2",> to, etc. Refer to the task description [here] [1]. At that time we did not find a good library directly for this job. 

In our approach, we resort to buidling a lookup table to replace *suspicious* words. The lookup table is compiled from the following resources:

[Huge List of Texting and Online Chat Abbreviations] [2]

[Twitter Dictionary: A Guide to Understanding Twitter Lingo] [3]

[Lexical normalisation of

short text messages: makn sens a #twitter] [4]

[Insertion, Deletion, or Substitution? Normalizing --> Word Count (69)

UserId="51771" --> Word Count (39)

UserId="51771" --> Word Count (24)

UserId="50828" --> Word Count (124)

UserId="50828" --> Word Count (10)

UserId="50828" --> Word Count (1)

UserId="16560" --> Word Count (111)

UserId="50881" --> Word Count (81)

UserId="50881" --> Word Count (13)

UserId="50881" --> Word Count (1)

UserId="50727" --> Word Count (96)

UserId="50727" Comment="Grammar mistake" --> Word Count (69)

UserId="50828" --> Word Count (132)

UserId="50881" Comment="added 48 characters in body" --> Word Count (85)

UserId="51125" --> Word Count (56)

UserId="51125" --> Word Count (6)

UserId="51125" --> Word Count (1)

UserId="50727" --> Word Count (81)

UserId="50828" --> Word Count (90)

UserId="50881" Comment="added 281 characters in body" --> Word Count (113)

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UserId="46375" --> Word Count (45)

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UserId="46375" --> Word Count (1)

UserId="51778" --> Word Count (72)

UserId="50727" --> Word Count (84)

UserId="51714" --> Word Count (37)

UserId="51714" --> Word Count (74)

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UserId="32543" --> Word Count (215)

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UserId="14904" --> Word Count (223)

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UserId="14904" --> Word Count (1)

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UserId="51784" --> Word Count (5)

UserId="51784" --> Word Count (1)

UserId="51714" --> Word Count (181)

UserId="51784" Comment="added 202 characters in body" --> Word Count (357)

UserId="-1" Comment="104" --> Word Count (3)

UserId="51787" --> Word Count (92)

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UserId="51787" --> Word Count (1)

UserId="33551" Comment="Removed commentary and redundancies" --> Word Count

(115)

UserId="51788" --> Word Count (54)
 UserId="51788" --> Word Count (8)
 UserId="51788" --> Word Count (1)
 UserId="51141" --> Word Count (251)
 UserId="51141" --> Word Count (10)
 UserId="51141" --> Word Count (1)
 UserId="50211" Comment="[Edit removed during grace period]" --> Word Count (99)
 UserId="50211" Comment="added example" --> Word Count (274)
 UserId="46527" --> Word Count (31)
 UserId="50211" Comment="minor format correction" --> Word Count (361)
 UserId="43590" --> Word Count (64)
 UserId="1330" --> Word Count (42)
 UserId="21" Comment="101" --> Word Count (4)
 UserId="49914" Comment="added 8 characters in body" --> Word Count (254)
 UserId="51798" --> Word Count (127)
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 UserId="1330" Comment="edited body" --> Word Count (42)
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 --> Word Count (251)
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 --> Word Count (13)
 UserId="28175" Comment="deleted 2 characters in body; edited tags; edited title"
 --> Word Count (1)
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 UserId="51808" --> Word Count (64)
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 UserId="46886" --> Word Count (1)
 UserId="51809" --> Word Count (32)
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 UserId="43294" --> Word Count (207)
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 UserId="50146" --> Word Count (5)
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 UserId="23305" Comment="edited body; edited title" --> Word Count (39)
 UserId="23305" Comment="edited body; edited title" --> Word Count (4)

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UserId="51814" --> Word Count (403)
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UserId="51481" --> Word Count (122)
UserId="51820" --> Word Count (124)
UserId="51820" --> Word Count (7)
UserId="51820" --> Word Count (1)
UserId="51668" --> Word Count (62)
UserId="51668" --> Word Count (6)
UserId="51668" --> Word Count (1)
UserId="26562" Comment="formatting & minor grammar" --> Word Count (64)
UserId="51823" --> Word Count (108)
UserId="51823" --> Word Count (12)
UserId="51823" --> Word Count (1)
UserId="51811" --> Word Count (104)
UserId="51811" --> Word Count (8)
UserId="51811" --> Word Count (1)
UserId="47488" --> Word Count (237)
UserId="47488" --> Word Count (318)
UserId="32220" Text="I am solving a problem that address this question
"What are the Actions that lead to high or low
score?"";&#xD;&#xA;&#xD;&#xA;I have the following Data that consist of text
and score , I want to derive the words or Actions from text that lead to
high/low score&#xD;&#xA;&#xD;&#xA;I have huge data , and text length can be a
paragraph, sample data like below&#xD;&#xA;&#xD;&#xA;
+-----+-----+&#xD;&#xA;      |                --> Word Count (226)
UserId="32220" --> Word Count (5)
UserId="32220" --> Word Count (1)
UserId="51829" --> Word Count (48)
UserId="51829" --> Word Count (6)
UserId="51829" --> Word Count (1)
UserId="30578" --> Word Count (267)
UserId="40853" Comment="deleted 6 characters in body" --> Word Count (267)
UserId="-1" Comment="102" --> Word Count (5)
UserId="-1" Comment="105" --> Word Count (4)
UserId="30578" --> Word Count (142)
UserId="45264" --> Word Count (451)
UserId="45264" Comment="added 1 character in body" --> Word Count (451)
UserId="50640" --> Word Count (110)
UserId="50640" --> Word Count (6)
UserId="50640" --> Word Count (1)
UserId="51714" Text="You can use OpenCV's Scene --> Word Count (3)
UserId="43590" --> Word Count (24)
UserId="42681" --> Word Count (66)
UserId="42681" --> Word Count (11)
UserId="42681" --> Word Count (1)
UserId="42238" --> Word Count (26)
UserId="42238" --> Word Count (5)

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UserId="42238" --> Word Count (1)
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 UserId="51648" --> Word Count (266)
 UserId="51648" --> Word Count (8)
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 UserId="51714" --> Word Count (110)
 UserId="51714" Comment="added 143 characters in body" --> Word Count (125)
 UserId="46527" --> Word Count (49)
 UserId="51714" Comment="added 518 characters in body" --> Word Count (208)
 UserId="51648" Comment="Sample data given for clarification" --> Word Count (468)
 UserId="37502" --> Word Count (110)
 UserId="37502" --> Word Count (8)
 UserId="37502" --> Word Count (1)
 UserId="14904" Comment="added 836 characters in body" --> Word Count (372)
 UserId="37502" Comment="added 50 characters in body" --> Word Count (114)
 UserId="51851" --> Word Count (127)
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 UserId="50146" --> Word Count (89)
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 UserId="50146" --> Word Count (1)
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 UserId="51856" --> Word Count (1)
 UserId="51714" --> Word Count (168)
 UserId="45264" Comment="Added further information after comment from OP." --> Word Count (345)
 UserId="28175" Comment=" " --> Word Count (25)
 UserId="28175" Comment=" " --> Word Count (8)
 UserId="51714" --> Word Count (72)
 UserId="50727" --> Word Count (90)
 UserId="43294" --> Word Count (212)
 UserId="42829" --> Word Count (299)
 UserId="51851" Comment="title update to fit better with the question" --> Word Count (9)
 UserId="51859" --> Word Count (184)
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 UserId="51859" --> Word Count (1)
 UserId="51859" Comment="deleted 244 characters in body" --> Word Count (112)
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 UserId="50727" Comment="Spelling mistakes" --> Word Count (86)
 UserId="50727" --> Word Count (67)
 UserId="50727" --> Word Count (6)
 UserId="50727" --> Word Count (1)
 UserId="45264" --> Word Count (259)
 UserId="50727" Comment="Edit about outliers" --> Word Count (206)

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 UserId="51870" --> Word Count (6)
 UserId="51870" --> Word Count (1)
 UserId="49914" --> Word Count (76)
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 UserId="51872" --> Word Count (67)
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 UserId="49162" --> Word Count (1)
 UserId="51687" --> Word Count (44)
 UserId="51687" --> Word Count (11)
 UserId="51687" --> Word Count (1)
 UserId="51687" Comment="added 1 character in body" --> Word Count (44)
 UserId="1330" Comment="added 31 characters in body" --> Word Count (239)
 UserId="49162" Comment="Updated explanation of N_batches (it is specifically called batch_size in Keras)" --> Word Count (293)
 UserId="49162" Comment="Updated explanation of N_batches (it is specifically called batch_size in Keras)" --> Word Count (8)
 UserId="51880" --> Word Count (29)
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 UserId="51880" --> Word Count (1)
 UserId="24593" --> Word Count (50)
 UserId="24593" --> Word Count (83)
 UserId="44456" --> Word Count (74)
 UserId="51639" --> Word Count (32)
 UserId="51639" --> Word Count (14)
 UserId="51639" --> Word Count (1)
 UserId="20492" --> Word Count (33)
 UserId="49162" Comment="Included MWE from accepted answer" --> Word Count (591)
 UserId="-1" Comment="splitted input sentence" --> Word Count (469)
 UserId="20571" Comment="Improved wording." --> Word Count (251)
 UserId="45264" --> Word Count (335)
 UserId="50146" --> Word Count (239)
 UserId="50146" --> Word Count (9)
 UserId="50146" --> Word Count (1)
 UserId="28175" --> Word Count (202)
 UserId="28175" Comment="added 1025 characters in body" --> Word Count (333)
 UserId="28175" Comment="deleted 3 characters in body; edited tags; edited title" --> Word Count (68)
 UserId="28175" Comment="deleted 3 characters in body; edited tags; edited title"

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--> Word Count (7)
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--> Word Count (1)
UserId="47488" --> Word Count (121)
UserId="30982" --> Word Count (99)
UserId="40853" --> Word Count (473)
UserId="40853" Comment="Appended Formulaes" --> Word Count (526)
UserId="51714" Comment="deleted 40 characters in body" --> Word Count (71)
UserId="50146" Comment="Updated the AIC and BIC values" --> Word Count (333)
UserId="50727" Comment="Spelling mistakes" --> Word Count (92)
UserId="40853" Comment="Improved Formatting" --> Word Count (332)
UserId="-1" --> Word Count (3)
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UserId="47522" --> Word Count (6)
UserId="47522" --> Word Count (1)
UserId="50158" --> Word Count (27)
UserId="50158" --> Word Count (10)
UserId="50158" --> Word Count (1)
UserId="-1" Comment="105" --> Word Count (4)
UserId="51908" --> Word Count (27)
UserId="51908" --> Word Count (8)
UserId="51908" --> Word Count (1)
UserId="45420" --> Word Count (114)
UserId="45420" --> Word Count (14)
UserId="45420" --> Word Count (1)
UserId="45610" --> Word Count (249)
UserId="45610" --> Word Count (10)
UserId="45610" --> Word Count (1)
UserId="45264" Comment="Added further information after comment from OP." -->
Word Count (380)
UserId="51914" --> Word Count (28)
UserId="51914" Text="Any Hadoop Tool to Annotate" --> Word Count (1)
UserId="51914" --> Word Count (1)
UserId="51687" --> Word Count (66)
UserId="51687" --> Word Count (11)
UserId="51687" --> Word Count (1)
UserId="50013" --> Word Count (23)
UserId="45610" Comment="deleted 15 characters in body" --> Word Count (246)
UserId="51687" --> Word Count (60)
UserId="51687" --> Word Count (21)
UserId="51687" --> Word Count (1)
UserId="33551" --> Word Count (47)
UserId="33551" Comment="Adapted the answer to account for ambiguity in the term
'variables'" --> Word Count (102)
UserId="51687" Comment="added 11 characters in body" --> Word Count (61)
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UserId="45610" Comment="added 12 characters in body" --> Word Count (246)
UserId="51687" --> Word Count (48)

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 UserId="51668" --> Word Count (4)
 UserId="51668" --> Word Count (1)
 UserId="51659" Comment="added 4 characters in body" --> Word Count (258)
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 UserId="44039" --> Word Count (102)
 UserId="50727" Comment="added 14 characters in body" --> Word Count (91)
 UserId="44039" --> Word Count (46)
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 UserId="40044" --> Word Count (63)
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 UserId="40044" --> Word Count (24)
 UserId="51659" --> Word Count (29)
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 UserId="13023" Comment="typos" --> Word Count (4)
 UserId="1330" --> Word Count (114)
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 UserId="49914" Comment="added 107 characters in body" --> Word Count (579)
 UserId="33551" Comment="Included tags: "neural-network" and
 "backpropagation"" --> Word Count (1)
 UserId="29575" Comment="Included tags: "neural-network" and
 "backpropagation"" --> Word Count (67)
 UserId="33551" Comment="Consolidated and reorganized text for clarity. Removed
 redundancies." --> Word Count (148)
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 UserId="35679" --> Word Count (83)
 UserId="26444" --> Word Count (23)
 UserId="51939" --> Word Count (69)
 UserId="51939" --> Word Count (8)
 UserId="51939" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (69)
 UserId="12312" --> Word Count (107)
 UserId="12312" --> Word Count (4)
 UserId="12312" --> Word Count (1)
 UserId="12312" --> Word Count (85)
 UserId="51659" --> Word Count (84)
 UserId="51659" Comment="added 1 character in body" --> Word Count (85)

UserId="51659" Comment="added 178 characters in body" --> Word Count (111)
 UserId="51836" --> Word Count (334)
 UserId="51836" --> Word Count (9)
 UserId="51836" --> Word Count (1)
 UserId="51859" Comment="edited tags" --> Word Count (1)
 UserId="50146" Comment="Corrected spelling in subject" --> Word Count (9)
 UserId="10548" --> Word Count (28)
 UserId="24593" --> Word Count (113)
 UserId="33509" --> Word Count (101)
 UserId="33509" --> Word Count (18)
 UserId="33509" --> Word Count (1)
 UserId="42681" --> Word Count (78)
 UserId="14588" Comment="add 1 paragraph" --> Word Count (167)
 UserId="29587" --> Word Count (140)
 UserId="29587" Comment="added 960 characters in body" --> Word Count (296)
 UserId="44039" --> Word Count (125)
 UserId="44039" --> Word Count (10)
 UserId="44039" --> Word Count (1)
 UserId="38487" Comment="added 251 characters in body" --> Word Count (97)
 UserId="-1" Comment="104" --> Word Count (3)
 UserId="-1" Comment="102" --> Word Count (3)
 UserId="-1" Comment="105" --> Word Count (3)
 UserId="-1" Comment="102" --> Word Count (3)
 UserId="-1" Comment="102" --> Word Count (3)
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For example, that the sentence "I am a cook that multitasks well." "Cook" is an occupation and "multitask" is a relevant skill. In a similar sentence, "I

multitasked while I cooked." "Cook" is no longer an occupation and "multitask" is no longer a relevant skill. However, the phrase "saturation diver" is less frequent than "cook", thus much easier to build a model to identify as an occupation and find relevant skills.

Annotator performance is easier to measure. [Cohen's kappa][2] is a common method of judging [inter-rater reliability][3]. Again, the number of needed raters depends on their agreement on the task. If task performance is easy, the number of raters and the number of items per rater can be lower. It is best to benchmark your system and then decide how much data you need to raise the benchmark scores.

One way to automatically create ontologies from a text is the [--> Word Count (16)

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UserId="50727" Comment="Rephrased question" --> Word Count (25)
UserId="50727" Comment="Rephrased question" --> Word Count (1)
UserId="50727" Comment="Grammar mistakes" --> Word Count (54)
UserId="50727" Comment="Grammar mistakes" --> Word Count (1)
UserId="50727" Comment="Grammar and spelling" --> Word Count (107)
UserId="50727" Comment="Grammar and spelling" --> Word Count (1)
UserId="32543" Comment="deleted 61 characters in body" --> Word Count (205)
UserId="50727" Comment="tags" --> Word Count (1)
UserId="51836" --> Word Count (101)
UserId="51836" --> Word Count (9)
UserId="51836" --> Word Count (1)
UserId="51904" --> Word Count (52)
UserId="51904" --> Word Count (8)
UserId="51904" --> Word Count (1)
UserId="44456" --> Word Count (150)
UserId="52301" --> Word Count (67)
UserId="52301" --> Word Count (4)
UserId="52301" --> Word Count (1)
UserId="44456" Comment="added 89 characters in body" --> Word Count (158)
UserId="51904" Comment="Added details" --> Word Count (167)
UserId="51904" Comment="Added details" --> Word Count (1)
UserId="52287" --> Word Count (1009)
UserId="52303" --> Word Count (50)

UserId="52303" --> Word Count (5)
UserId="52303" --> Word Count (1)
UserId="44456" Comment="added 293 characters in body" --> Word Count (195)
UserId="52206" --> Word Count (154)
UserId="52206" --> Word Count (12)
UserId="52206" --> Word Count (1)
UserId="44039" Comment="enhance question quality " --> Word Count (6)
UserId="47869" --> Word Count (134)
UserId="47869" --> Word Count (7)
UserId="47869" --> Word Count (1)
UserId="52310" --> Word Count (106)
UserId="52310" --> Word Count (14)
UserId="52310" --> Word Count (1)
UserId="52311" --> Word Count (749)
UserId="52311" --> Word Count (9)
UserId="52311" --> Word Count (1)
UserId="9122" --> Word Count (51)
UserId="9122" --> Word Count (6)
UserId="9122" --> Word Count (1)
UserId="52310" Comment="deleted 192 characters in body" --> Word Count (74)
UserId="16853" --> Word Count (596)
UserId="52310" --> Word Count (102)
UserId="16853" Comment="deleted 1 character in body" --> Word Count (596)
UserId="37932" --> Word Count (166)
UserId="-1" Comment="102" --> Word Count (4)
UserId="21" Comment="104" --> Word Count (5)
UserId="21" Comment="102" --> Word Count (5)
UserId="29587" --> Word Count (483)
UserId="46305" --> Word Count (328)
UserId="46305" --> Word Count (14)
UserId="46305" --> Word Count (1)
UserId="26562" Comment="minor grammar, removed 'thank you'" --> Word Count (51)
UserId="26562" Comment="minor grammar, removed 'thank you'" --> Word Count (6)
UserId="50234" --> Word Count (42)
UserId="50234" --> Word Count (4)
UserId="50234" --> Word Count (1)
UserId="52326" --> Word Count (125)
UserId="52326" --> Word Count (3)
UserId="52326" --> Word Count (1)
UserId="50106" --> Word Count (28)
UserId="50106" --> Word Count (11)
UserId="50106" --> Word Count (1)
UserId="38506" --> Word Count (435)
UserId="38506" --> Word Count (9)
UserId="38506" --> Word Count (1)
UserId="50828" --> Word Count (66)
UserId="50828" --> Word Count (8)
UserId="50828" --> Word Count (1)

UserId="50211" Comment="edited body" --> Word Count (361)
UserId="46375" --> Word Count (45)
UserId="46375" --> Word Count (5)
UserId="46375" --> Word Count (1)
UserId="46375" --> Word Count (27)
UserId="46375" --> Word Count (6)
UserId="46375" --> Word Count (1)
UserId="52335" --> Word Count (187)
UserId="52335" --> Word Count (20)
UserId="52335" --> Word Count (1)
UserId="29587" Comment="added 91 characters in body" --> Word Count (287)
UserId="29931" --> Word Count (41)
UserId="29931" --> Word Count (6)
UserId="29931" --> Word Count (1)
UserId="52335" Comment="added how the data was loaded" --> Word Count (466)
UserId="38892" Comment="code formatting" --> Word Count (249)
UserId="29575" Comment="code formatting" --> Word Count (235)
UserId="52109" --> Word Count (53)
UserId="52109" Comment="added extra code" --> Word Count (185)
UserId="28584" --> Word Count (44)
UserId="28584" --> Word Count (5)
UserId="28584" --> Word Count (1)
UserId="50211" --> Word Count (146)
UserId="33202" --> Word Count (91)
UserId="52341" --> Word Count (2808)
UserId="52341" Comment="added 159 characters in body" --> Word Count (2833)
UserId="52342" --> Word Count (117)
UserId="52342" --> Word Count (11)
UserId="52342" --> Word Count (1)
UserId="52343" --> Word Count (37)
UserId="52343" --> Word Count (17)
UserId="52343" --> Word Count (1)
UserId="14519" --> Word Count (248)
UserId="39102" --> Word Count (174)
UserId="39102" --> Word Count (10)
UserId="39102" --> Word Count (1)
UserId="14519" Comment="added 88 characters in body" --> Word Count (266)
UserId="14519" Comment="deleted 1 character in body" --> Word Count (266)
UserId="29412" --> Word Count (118)
UserId="29412" --> Word Count (11)
UserId="29412" --> Word Count (1)
UserId="836" --> Word Count (260)
UserId="836" Comment="added 119 characters in body" --> Word Count (285)
UserId="1330" --> Word Count (167)
UserId="15613" --> Word Count (59)
UserId="15613" --> Word Count (3)
UserId="15613" --> Word Count (1)
UserId="52344" --> Word Count (123)

UserId="52344" --> Word Count (17)
UserId="52344" --> Word Count (1)
UserId="52347" --> Word Count (44)
UserId="52347" --> Word Count (9)
UserId="52347" --> Word Count (1)
UserId="51868" --> Word Count (62)
UserId="33759" --> Word Count (129)
UserId="51868" --> Word Count (139)
UserId="39102" Comment="added 38 characters in body" --> Word Count (180)
UserId="15613" Comment="added 16 characters in body" --> Word Count (65)
UserId="23159" --> Word Count (84)
UserId="21" Comment="102" --> Word Count (3)
UserId="23159" --> Word Count (143)
UserId="471" --> Word Count (218)
UserId="52356" --> Word Count (174)
UserId="52356" --> Word Count (13)
UserId="52356" --> Word Count (1)
UserId="52360" --> Word Count (130)
UserId="52360" --> Word Count (6)
UserId="52360" --> Word Count (1)
UserId="23305" --> Word Count (34)
UserId="23305" --> Word Count (4)
UserId="23305" --> Word Count (1)
UserId="30435" --> Word Count (259)
UserId="30435" --> Word Count (12)
UserId="30435" --> Word Count (1)
UserId="52206" --> Word Count (37)
UserId="52206" --> Word Count (7)
UserId="52206" --> Word Count (1)
UserId="52206" Comment="added 8 characters in body" --> Word Count (39)
UserId="41909" --> Word Count (29)
UserId="41909" --> Word Count (7)
UserId="41909" --> Word Count (1)
UserId="44299" --> Word Count (240)
UserId="44299" --> Word Count (9)
UserId="44299" --> Word Count (1)
UserId="51605" --> Word Count (9272)
UserId="51605" --> Word Count (18)
UserId="51605" --> Word Count (1)
UserId="50727" Comment="deleted 11 characters in body" --> Word Count (31)
UserId="33759" --> Word Count (154)
UserId="924" --> Word Count (102)
UserId="82" --> Word Count (252)
UserId="82" --> Word Count (11)
UserId="82" --> Word Count (1)
UserId="52366" --> Word Count (261)
UserId="52366" --> Word Count (6)
UserId="52366" --> Word Count (1)

UserId="52370" --> Word Count (210)
 UserId="52371" --> Word Count (235)
 UserId="52371" --> Word Count (12)
 UserId="52371" --> Word Count (1)
 UserId="8820" --> Word Count (58)
 UserId="836" --> Word Count (330)
 UserId="52378" --> Word Count (58)
 UserId="52378" --> Word Count (7)
 UserId="52378" --> Word Count (1)
 UserId="27702" --> Word Count (131)
 UserId="52049" --> Word Count (1144)
 UserId="52382" --> Word Count (56)
 UserId="13058" --> Word Count (13)
 UserId="26733" --> Word Count (44)
 UserId="26733" --> Word Count (5)
 UserId="26733" --> Word Count (1)
 UserId="30435" Comment="added 4 characters in body" --> Word Count (259)
 UserId="44039" --> Word Count (361)
 UserId="8560" --> Word Count (133)
 UserId="8560" --> Word Count (48)
 UserId="52387" --> Word Count (177)
 UserId="52387" --> Word Count (7)
 UserId="52387" --> Word Count (1)
 UserId="27702" Comment="Response to comment" --> Word Count (193)
 UserId="52387" Comment="edited tags" --> Word Count (1)
 UserId="44413" --> Word Count (115)
 UserId="44413" --> Word Count (11)
 UserId="44413" --> Word Count (1)
 UserId="52389" --> Word Count (118)
 UserId="52389" --> Word Count (19)
 UserId="52389" --> Word Count (1)
 UserId="13672" --> Word Count (40)
 UserId="13672" --> Word Count (5)
 UserId="13672" --> Word Count (1)
 UserId="44039" --> Word Count (105)
 UserId="52390" --> Word Count (64)
 UserId="52390" --> Word Count (7)
 UserId="52390" --> Word Count (1)
 UserId="52382" Comment="edited body" --> Word Count (56)
 UserId="52378" Comment="deleted 256 characters in body; edited title" --> Word Count (19)
 UserId="52378" Comment="deleted 256 characters in body; edited title" --> Word Count (4)
 UserId="52371" Comment="Clarified on OCR" --> Word Count (350)
 UserId="44039" --> Word Count (114)
 UserId="52396" --> Word Count (533)
 UserId="52396" --> Word Count (21)
 UserId="52396" --> Word Count (1)

UserId="27423" --> Word Count (35)
 UserId="9123" --> Word Count (40)
 UserId="44680" --> Word Count (62)
 UserId="44680" --> Word Count (1437)
 UserId="8560" Comment="Rollback to [d198d33f-fddb-42b2-91fa-5d55620d6fcc]" -->
 Word Count (58)
 UserId="8560" Comment="Rollback to [d198d33f-fddb-42b2-91fa-5d55620d6fcc]" -->
 Word Count (7)
 UserId="52396" Comment="deleted 1196 characters in body" --> Word Count (211)
 UserId="52379" --> Word Count (41)
 UserId="52379" --> Word Count (5)
 UserId="52379" --> Word Count (1)
 UserId="40805" --> Word Count (75)
 UserId="47380" --> Word Count (148)
 UserId="47380" --> Word Count (9)
 UserId="47380" --> Word Count (1)
 UserId="33759" --> Word Count (166)
 UserId="50211" --> Word Count (326)
 UserId="50211" Comment="added 11 characters in body" --> Word Count (326)
 UserId="50211" Comment="deleted 20 characters in body" --> Word Count (318)
 UserId="50211" Comment="deleted 20 characters in body" --> Word Count (310)
 UserId="21" Comment="104" --> Word Count (5)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="28175" --> Word Count (183)
 UserId="28175" Comment="deleted 1 character in body; edited tags" --> Word
 Count (196)
 UserId="28175" Comment="deleted 1 character in body; edited tags" --> Word
 Count (1)
 UserId="51672" --> Word Count (29)
 UserId="51672" --> Word Count (6)
 UserId="51672" --> Word Count (1)
 UserId="46375" --> Word Count (42)
 UserId="46375" --> Word Count (5)
 UserId="46375" --> Word Count (1)
 UserId="24162" --> Word Count (27)
 UserId="44299" --> Word Count (34)
 UserId="41968" --> Word Count (131)
 UserId="41968" --> Word Count (10)
 UserId="41968" --> Word Count (1)
 UserId="41968" Comment="via Vote" --> Word Count (1)
 UserId="41968" --> Word Count (1)
 UserId="52422" --> Word Count (75)
 UserId="52422" --> Word Count (8)
 UserId="52422" --> Word Count (1)
 UserId="51687" --> Word Count (20)
 UserId="51687" --> Word Count (3)
 UserId="51687" --> Word Count (1)
 UserId="51687" --> Word Count (24)

UserId="51687" --> Word Count (13)
 UserId="51687" --> Word Count (1)
 UserId="28175" Comment="added 6 characters in body" --> Word Count (184)
 UserId="1426" --> Word Count (72)
 UserId="46305" --> Word Count (197)
 UserId="46305" --> Word Count (22)
 UserId="46305" --> Word Count (1)
 UserId="50163" --> Word Count (154)
 UserId="50163" --> Word Count (13)
 UserId="50163" --> Word Count (1)
 UserId="52426" --> Word Count (36)
 UserId="52429" --> Word Count (198)
 UserId="52429" --> Word Count (14)
 UserId="52429" --> Word Count (1)
 UserId="45264" --> Word Count (185)
 UserId="45264" --> Word Count (147)
 UserId="23334" --> Word Count (84)
 UserId="924" Comment="edited tags" --> Word Count (1)
 UserId="52439" --> Word Count (64)
 UserId="52439" --> Word Count (3)
 UserId="52439" --> Word Count (1)
 UserId="52440" --> Word Count (45)
 UserId="52440" --> Word Count (6)
 UserId="52440" --> Word Count (1)
 UserId="52442" --> Word Count (90)
 UserId="52442" --> Word Count (7)
 UserId="52442" --> Word Count (1)
 UserId="52442" Comment="added code block" --> Word Count (146)
 UserId="52442" Comment="specified model as ResNet50" --> Word Count (146)
 UserId="52442" Comment="specified model as ResNet50" --> Word Count (168)
 UserId="52442" Comment="changed appearance of code" --> Word Count (187)
 UserId="51714" --> Word Count (164)
 UserId="13548" --> Word Count (50)
 UserId="13548" --> Word Count (8)
 UserId="13548" --> Word Count (1)
 UserId="52444" --> Word Count (91)
 UserId="52444" --> Word Count (4)
 UserId="52444" --> Word Count (1)
 UserId="52447" --> Word Count (614)
 UserId="52447" --> Word Count (5)
 UserId="52447" --> Word Count (1)
 UserId="50211" --> Word Count (166)
 UserId="29587" --> Word Count (566)
 UserId="44477" --> Word Count (30)
 UserId="44477" --> Word Count (6)
 UserId="44477" --> Word Count (1)
 UserId="50211" --> Word Count (150)
 UserId="50211" Comment="added 476 characters in body" --> Word Count (242)

UserId="13457" --> Word Count (56)
UserId="13457" --> Word Count (6)
UserId="13457" --> Word Count (1)
UserId="44039" --> Word Count (413)
UserId="52257" --> Word Count (221)
UserId="39286" --> Word Count (55)
UserId="82" --> Word Count (65)
UserId="82" --> Word Count (8)
UserId="82" --> Word Count (1)
UserId="52257" --> Word Count (351)
UserId="32771" --> Word Count (46)
UserId="32771" --> Word Count (12)
UserId="32771" --> Word Count (1)
UserId="20492" --> Word Count (65)
UserId="50211" --> Word Count (66)
UserId="29575" Comment="Remove extra commentary" --> Word Count (63)
UserId="24000" Comment="Add better title" --> Word Count (10)
UserId="52458" --> Word Count (43)
UserId="52460" --> Word Count (248)
UserId="52460" --> Word Count (7)
UserId="52460" --> Word Count (1)
UserId="29575" Comment="Minor formatting" --> Word Count (43)
UserId="43472" --> Word Count (635)
UserId="43472" --> Word Count (7)
UserId="43472" --> Word Count (1)
UserId="52109" --> Word Count (88)
UserId="52462" --> Word Count (135)
UserId="52462" --> Word Count (10)
UserId="52462" --> Word Count (1)
UserId="34158" --> Word Count (76)
UserId="34158" --> Word Count (11)
UserId="34158" --> Word Count (1)
UserId="52257" --> Word Count (131)
UserId="45264" --> Word Count (248)
UserId="52257" --> Word Count (117)
UserId="2932" --> Word Count (163)
UserId="51836" --> Word Count (49)
UserId="51836" --> Word Count (5)
UserId="51836" --> Word Count (1)
UserId="52472" --> Word Count (154)
UserId="52472" --> Word Count (9)
UserId="52472" --> Word Count (1)
UserId="23850" --> Word Count (87)
UserId="23850" --> Word Count (2)
UserId="23850" --> Word Count (1)
UserId="52109" --> Word Count (76)
UserId="43472" Comment="typo correction" --> Word Count (635)
UserId="1330" --> Word Count (48)

UserId="45264" Comment="Added further information." --> Word Count (316)
UserId="30940" --> Word Count (631)
UserId="30940" --> Word Count (14)
UserId="30940" --> Word Count (1)
UserId="52473" --> Word Count (35)
UserId="52473" --> Word Count (10)
UserId="52473" --> Word Count (1)
UserId="52475" --> Word Count (58)
UserId="52475" --> Word Count (7)
UserId="52475" --> Word Count (1)
UserId="23305" --> Word Count (29)
UserId="52476" --> Word Count (47)
UserId="52476" --> Word Count (7)
UserId="52476" --> Word Count (1)
UserId="35644" --> Word Count (41)
UserId="23240" --> Word Count (132)
UserId="23240" --> Word Count (14)
UserId="23240" --> Word Count (1)
UserId="50946" --> Word Count (73)
UserId="50946" --> Word Count (7)
UserId="50946" --> Word Count (1)
UserId="24818" --> Word Count (264)
UserId="50706" --> Word Count (58)
UserId="50083" --> Word Count (66)
UserId="50083" --> Word Count (2)
UserId="50083" --> Word Count (1)
UserId="38047" --> Word Count (180)
UserId="38047" --> Word Count (11)
UserId="38047" --> Word Count (1)
UserId="16538" --> Word Count (253)
UserId="41204" --> Word Count (160)
UserId="41204" --> Word Count (14)
UserId="41204" --> Word Count (1)
UserId="52485" --> Word Count (219)
UserId="52485" --> Word Count (10)
UserId="52485" --> Word Count (1)
UserId="50477" --> Word Count (50)
UserId="50477" --> Word Count (3)
UserId="50477" --> Word Count (1)
UserId="30805" --> Word Count (722)
UserId="30805" --> Word Count (4)
UserId="30805" --> Word Count (1)
UserId="50083" --> Word Count (62)
UserId="44456" --> Word Count (51)
UserId="52493" --> Word Count (38)
UserId="52493" --> Word Count (6)
UserId="52493" --> Word Count (1)
UserId="24000" Comment="Reformatted, Removed TensorFlow tag" --> Word Count

(155)

UserId="24000" Comment="Reformatted, Removed TensorFlow tag" --> Word Count (1)
 UserId="24593" --> Word Count (115)
 UserId="33202" Comment="added 112 characters in body" --> Word Count (52)
 UserId="33202" Comment="added 4 characters in body" --> Word Count (53)
 UserId="52494" --> Word Count (138)
 UserId="52494" --> Word Count (3)
 UserId="52494" --> Word Count (1)
 UserId="52433" --> Word Count (192)
 UserId="52433" --> Word Count (10)
 UserId="52433" --> Word Count (1)
 UserId="29575" Comment="Format code" --> Word Count (78)
 UserId="52497" Comment="Fixed typo" --> Word Count (47)
 UserId="29575" Comment="Minor formatting" --> Word Count (42)
 UserId="51836" --> Word Count (119)
 UserId="18626" --> Word Count (83)
 UserId="41058" --> Word Count (15)
 UserId="52506" --> Word Count (79)
 UserId="52506" --> Word Count (12)
 UserId="52506" --> Word Count (1)
 UserId="38670" --> Word Count (136)
 UserId="43472" Comment="edited body" --> Word Count (635)
 UserId="50727" --> Word Count (116)
 UserId="52509" --> Word Count (712)
 UserId="52509" --> Word Count (7)
 UserId="52509" --> Word Count (1)
 UserId="46527" Comment="Explain " --> Word Count (126)
 UserId="50946" Comment="added 260 characters in body" --> Word Count (97)
 UserId="51714" --> Word Count (107)
 UserId="50727" --> Word Count (107)
 UserId="52109" Comment="Added proof of equation (4)" --> Word Count (135)
 UserId="50727" Comment="tags and spelling" --> Word Count (146)
 UserId="50727" Comment="tags and spelling" --> Word Count (1)
 UserId="52510" --> Word Count (294)
 UserId="52510" --> Word Count (5)
 UserId="52510" --> Word Count (1)
 UserId="45264" --> Word Count (741)
 UserId="52506" Comment="added 527 characters in body" --> Word Count (273)
 UserId="46375" --> Word Count (33)
 UserId="46375" --> Word Count (5)
 UserId="46375" --> Word Count (1)
 UserId="50727" --> Word Count (129)
 UserId="28175" Comment="added 1400 characters in body" --> Word Count (257)
 UserId="35597" --> Word Count (261)
 UserId="35597" --> Word Count (16)
 UserId="35597" --> Word Count (1)
 UserId="13548" Comment="added 458 characters in body" --> Word Count (151)
 UserId="35597" Comment="added 24 characters in body" --> Word Count (264)

UserId="52517" Text="I am doing a text generation project -- the task is to
 basically represent the statistical data in a readable
 way.

The way I decided to go about this is template-based:
 each data type has a template for how sentence should be formed and what
 synonyms can be used.

I'm torn about whether some kind of ML
 techinque can bolster this template-based approach. --> Word Count (194)
 UserId="52517" --> Word Count (8)
 UserId="52517" --> Word Count (1)
 UserId="13548" Comment="added 154 characters in body" --> Word Count (176)
 UserId="44456" Comment="clarified the question, and corrected some grammars in
 the text" --> Word Count (47)
 UserId="44456" Comment="clarified the question, and corrected some grammars in
 the text" --> Word Count (5)
 UserId="46375" --> Word Count (55)
 UserId="46375" --> Word Count (6)
 UserId="46375" --> Word Count (1)
 UserId="52476" Comment="added 293 characters in body" --> Word Count (83)
 UserId="52109" --> Word Count (144)
 UserId="52523" --> Word Count (89)
 UserId="52523" Text="Machine Learning --> Word Count (7)
 UserId="52523" --> Word Count (1)
 UserId="44456" --> Word Count (126)
 UserId="51714" --> Word Count (322)
 UserId="52527" --> Word Count (158)
 UserId="52527" --> Word Count (6)
 UserId="52527" --> Word Count (1)
 UserId="52523" Comment="added 2 characters in body" --> Word Count (89)
 UserId="43472" --> Word Count (145)
 UserId="52532" --> Word Count (40)
 UserId="52532" --> Word Count (7)
 UserId="52532" --> Word Count (1)
 UserId="50727" Comment="tags and spelling" --> Word Count (104)
 UserId="50727" Comment="tags and spelling" --> Word Count (1)
 UserId="51845" --> Word Count (174)
 UserId="51845" --> Word Count (16)
 UserId="51845" --> Word Count (1)
 UserId="13370" --> Word Count (32)
 UserId="51714" --> Word Count (196)
 UserId="51714" --> Word Count (13)
 UserId="51714" --> Word Count (1)
 UserId="52531" --> Word Count (668)
 UserId="52531" --> Word Count (8)
 UserId="52531" --> Word Count (1)
 UserId="50727" Comment="tags" --> Word Count (138)
 UserId="50727" Comment="tags" --> Word Count (1)
 UserId="52532" Comment="corrected spelling" --> Word Count (40)
 UserId="34017" --> Word Count (110)
 UserId="34017" --> Word Count (18)

UserId="34017" --> Word Count (1)
 UserId="52538" --> Word Count (86)
 UserId="52538" --> Word Count (3)
 UserId="52538" --> Word Count (1)
 UserId="8878" --> Word Count (80)
 UserId="1077" --> Word Count (180)
 UserId="50211" Comment="added 4 characters in body" --> Word Count (311)
 UserId="52360" Comment="added 1568 characters in body" --> Word Count (381)
 UserId="52544" --> Word Count (127)
 UserId="52544" --> Word Count (8)
 UserId="52544" --> Word Count (1)
 UserId="50363" --> Word Count (51)
 UserId="52546" --> Word Count (235)
 UserId="52546" --> Word Count (11)
 UserId="52546" --> Word Count (1)
 UserId="52494" Comment="added 1071 characters in body" --> Word Count (271)
 UserId="17696" --> Word Count (179)
 UserId="50083" --> Word Count (74)
 UserId="17696" Comment="added 2 characters in body" --> Word Count (179)
 UserId="43077" --> Word Count (159)
 UserId="43077" --> Word Count (8)
 UserId="43077" --> Word Count (1)
 UserId="43077" Comment="deleted 6 characters in body" --> Word Count (160)
 UserId="52553" --> Word Count (121)
 UserId="52553" --> Word Count (7)
 UserId="52553" --> Word Count (1)
 UserId="52553" Comment="added 473 characters in body" --> Word Count (188)
 UserId="29587" --> Word Count (428)
 UserId="29587" --> Word Count (158)
 UserId="29587" Comment="added 1549 characters in body" --> Word Count (550)
 UserId="-1" Comment="104" --> Word Count (2)
 UserId="52555" --> Word Count (450)
 UserId="52555" --> Word Count (6)
 UserId="52555" --> Word Count (1)
 UserId="52555" Comment="clarify first two sentences" --> Word Count (449)
 UserId="23159" --> Word Count (140)
 UserId="52555" Comment="added 432 characters in body" --> Word Count (520)
 UserId="52494" Comment="added 137 characters in body" --> Word Count (291)
 UserId="52557" --> Word Count (81)
 UserId="17310" --> Word Count (52)
 UserId="17310" --> Word Count (6)
 UserId="17310" --> Word Count (1)
 UserId="43077" Comment="added 4 characters in body" --> Word Count (159)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (74)
 UserId="41058" --> Word Count (241)
 UserId="52559" --> Word Count (48)
 UserId="52559" --> Word Count (19)
 UserId="52559" --> Word Count (1)

UserId="17310" --> Word Count (124)
 UserId="17310" --> Word Count (8)
 UserId="17310" --> Word Count (1)
 UserId="52555" Comment="added 886 characters in body" --> Word Count (671)
 UserId="17310" Comment="deleted 2 characters in body" --> Word Count (124)
 UserId="21596" --> Word Count (73)
 UserId="21596" --> Word Count (3)
 UserId="21596" --> Word Count (1)
 UserId="52555" Comment="added 886 characters in body" --> Word Count (660)
 UserId="44039" --> Word Count (207)
 UserId="21596" Comment="corrected spelling" --> Word Count (74)
 UserId="21596" Comment="corrected spelling" --> Word Count (6)
 UserId="44039" Text="> Their outcomes X are dependent because they must be summed to n 

If you are really want to model multiple experiments probabilistically, please do not forget the normalization constant that make the unnormalized quantity normalized by integrating/summing them to one. 

Multinomial Naive Bayes model, as described by Manning et al (2008), estimates the conditional probability of a particular word/term/token given a class as the relative frequency of term t in documents belonging to class c: 

[!enter image description here][1][1]

Thus this variation takes into account the number of occurrences of term t in training documents from class c, including multiple occurrences **Not multiple experiments.** 

see [The Naive Bayes --> Word Count (8)
 UserId="29587" --> Word Count (626)
 UserId="52555" Comment="added 299 characters in body" --> Word Count (709)
 UserId="836" --> Word Count (277)
 UserId="50727" Comment="tags" --> Word Count (99)
 UserId="50727" Comment="tags" --> Word Count (1)
 UserId="45064" --> Word Count (44)
 UserId="46375" --> Word Count (27)
 UserId="46375" --> Word Count (7)
 UserId="46375" --> Word Count (1)
 UserId="51836" --> Word Count (92)
 UserId="45264" Comment="Added further information after comment from OP." --> Word Count (823)
 UserId="50641" --> Word Count (219)
 UserId="50641" --> Word Count (14)
 UserId="50641" --> Word Count (1)
 UserId="45374" --> Word Count (118)
 UserId="45064" --> Word Count (36)
 UserId="1029" --> Word Count (23)
 UserId="45064" --> Word Count (155)
 UserId="45064" Comment="added 340 characters in body" --> Word Count (237)
 UserId="21596" Comment="added 172 characters in body" --> Word Count (82)
 UserId="46375" --> Word Count (87)
 UserId="46375" --> Word Count (4)
 UserId="46375" --> Word Count (1)

UserId="52572" --> Word Count (129)
 UserId="52572" --> Word Count (6)
 UserId="52572" --> Word Count (1)
 UserId="52573" --> Word Count (48)
 UserId="52573" --> Word Count (6)
 UserId="52573" --> Word Count (1)
 UserId="52109" --> Word Count (133)
 UserId="52518" --> Word Count (168)
 UserId="52518" --> Word Count (10)
 UserId="52518" --> Word Count (1)
 UserId="52109" Comment="added 120 characters in body" --> Word Count (144)
 UserId="46868" --> Word Count (257)
 UserId="46868" --> Word Count (10)
 UserId="46868" --> Word Count (1)
 UserId="52109" Comment="added 120 characters in body" --> Word Count (240)
 UserId="51787" Comment="added 6 characters in body" --> Word Count (92)
 UserId="52576" --> Word Count (85)
 UserId="42357" --> Word Count (219)
 UserId="42357" --> Word Count (6)
 UserId="42357" --> Word Count (1)
 UserId="51714" Comment="added 379 characters in body" --> Word Count (257)
 UserId="50727" Comment="tags" --> Word Count (1)
 UserId="52428" --> Word Count (26)
 UserId="52577" --> Word Count (155)
 UserId="52577" --> Word Count (16)
 UserId="52577" --> Word Count (1)
 UserId="52578" --> Word Count (174)
 UserId="52578" --> Word Count (8)
 UserId="52578" --> Word Count (1)
 UserId="47339" --> Word Count (289)
 UserId="47339" --> Word Count (8)
 UserId="47339" --> Word Count (1)
 UserId="50727" --> Word Count (62)
 UserId="44139" Comment="Corrected format" --> Word Count (231)
 UserId="29575" Comment="Corrected format" --> Word Count (271)
 UserId="29575" Comment="Minor formatting" --> Word Count (85)
 UserId="52583" --> Word Count (140)
 UserId="52583" --> Word Count (9)
 UserId="52583" --> Word Count (1)
 UserId="51646" --> Word Count (75)
 UserId="51646" --> Word Count (3)
 UserId="51646" --> Word Count (1)
 UserId="28175" --> Word Count (550)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (258)
 UserId="50727" --> Word Count (70)
 UserId="28175" --> Word Count (70)
 UserId="28175" Comment="edited tags" --> Word Count (1)

UserId="51845" Comment="added 550 characters in body" --> Word Count (342)
 UserId="52586" --> Word Count (32)
 UserId="52586" --> Word Count (6)
 UserId="52586" --> Word Count (1)
 UserId="26394" Comment="added tags" --> Word Count (1)
 UserId="50211" --> Word Count (80)
 UserId="28175" Comment="edited body" --> Word Count (550)
 UserId="50211" --> Word Count (40)
 UserId="51845" Comment="added 4 characters in body" --> Word Count (342)
 UserId="52589" --> Word Count (54)
 UserId="52589" --> Word Count (11)
 UserId="52589" --> Word Count (1)
 UserId="52590" --> Word Count (47)
 UserId="52590" --> Word Count (7)
 UserId="52590" --> Word Count (1)
 UserId="50211" Comment="added 20 characters in body" --> Word Count (43)
 UserId="52579" --> Word Count (178)
 UserId="52579" --> Word Count (7)
 UserId="52579" --> Word Count (1)
 UserId="42829" --> Word Count (122)
 UserId="43077" Comment="added 14 characters in body" --> Word Count (160)
 UserId="43472" Comment="Added a new approach" --> Word Count (302)
 UserId="46868" Comment="Fixed a spacing" --> Word Count (259)
 UserId="52594" Comment="category explained" --> Word Count (55)
 UserId="29575" Comment="category explained" --> Word Count (53)
 UserId="12202" --> Word Count (105)
 UserId="12202" --> Word Count (11)
 UserId="12202" --> Word Count (1)
 UserId="44299" --> Word Count (32)
 UserId="52589" Comment="deleted 2 characters in body; edited tags" --> Word Count (54)
 UserId="52589" Comment="deleted 2 characters in body; edited tags" --> Word Count (1)
 UserId="9518" --> Word Count (66)
 UserId="43077" Comment="edited body" --> Word Count (153)
 UserId="29587" --> Word Count (31)
 UserId="39208" Comment="Simplified the question and reduced its broad scope" --> Word Count (65)
 UserId="52602" --> Word Count (108)
 UserId="52602" --> Word Count (8)
 UserId="52602" --> Word Count (1)
 UserId="52518" Comment="edited tags" --> Word Count (1)
 UserId="29203" --> Word Count (97)
 UserId="52538" Comment="added 132 characters in body" --> Word Count (108)
 UserId="50625" --> Word Count (233)
 UserId="50625" --> Word Count (21)
 UserId="50625" --> Word Count (1)
 UserId="52605" --> Word Count (210)

UserId="52605" --> Word Count (15)
 UserId="52605" --> Word Count (1)
 UserId="44456" Comment="reformulated the question and the content , while the core remains intact, to better seek relevant answers" --> Word Count (41)
 UserId="44456" Comment="reformulated the question and the content , while the core remains intact, to better seek relevant answers" --> Word Count (7)
 UserId="52608" --> Word Count (266)
 UserId="52608" --> Word Count (4)
 UserId="52608" --> Word Count (1)
 UserId="33759" --> Word Count (102)
 UserId="52611" --> Word Count (142)
 UserId="52611" --> Word Count (12)
 UserId="52611" --> Word Count (1)
 UserId="26019" --> Word Count (425)
 UserId="26019" --> Word Count (16)
 UserId="26019" --> Word Count (1)
 UserId="43077" --> Word Count (407)
 UserId="43077" --> Word Count (6)
 UserId="43077" --> Word Count (1)
 UserId="52617" --> Word Count (189)
 UserId="52617" --> Word Count (6)
 UserId="52617" --> Word Count (1)
 UserId="52619" --> Word Count (129)
 UserId="52619" --> Word Count (9)
 UserId="52619" --> Word Count (1)
 UserId="52494" Comment="added 6 characters in body" --> Word Count (291)
 UserId="52618" --> Word Count (26)
 UserId="52618" --> Word Count (10)
 UserId="52618" --> Word Count (1)
 UserId="42357" Comment="further explanation of concrete example" --> Word Count (368)
 UserId="38751" --> Word Count (43)
 UserId="52621" --> Word Count (209)
 UserId="52621" --> Word Count (9)
 UserId="52621" --> Word Count (1)
 UserId="52623" --> Word Count (637)
 UserId="41058" --> Word Count (432)
 UserId="52623" Comment="added 314 characters in body" --> Word Count (692)
 UserId="52623" Comment="added 314 characters in body" --> Word Count (727)
 UserId="41058" --> Word Count (95)
 UserId="52553" Comment="Put the bias in the right place" --> Word Count (188)
 UserId="29587" --> Word Count (454)
 UserId="29587" Comment="added 2858 characters in body" --> Word Count (867)
 UserId="43077" Comment="added 419 characters in body" --> Word Count (477)
 UserId="17310" --> Word Count (41)
 UserId="17310" --> Word Count (9)
 UserId="17310" --> Word Count (1)
 UserId="29587" Text="A generative model is able to generate instances from a

given distribution. So let's try to get our model to generate instance from the distribution of all hand written digits. This includes numbers 0 to 9 and for each of these numbers there are a very large set of possible way of writing the same number. Take the number 4 from the MNIST dataset, which are comprised of handwritten numbers. 

[![enter image description here][1]][1]

You can quickly see how many different ways each of these numbers can be written yet still represent the same value. This is the distribution we want to capture using our generative model. The model works by training a generator to effectively try and cheat a discriminator that has been trained to distinguish between real and artificial instances from the desired distribution. When the discriminator can no longer distinguish between the artificial and real instances, we can say the generative model can successfully produce examples which match this distribution. 

In other words, once the generator starts producing realistic digits, we can say that the generator is producing instances which match the instances captured in the MNIST dataset. 

[![enter image description here][2]][2]

This idea of matching a distribution can be applied to wide range of applications where you want to draw from a distribution. Some for demonstration purposes of the techniques without any real useful application and some very useful applications which are currently being used for a number of tasks. Here is a short lists of some examples:

- [Generating artificial faces][3]
- [--> Word Count (194)

UserId="51771" --> Word Count (225)

UserId="836" Comment="deleted 571 characters in body" --> Word Count (209)

UserId="836" Comment="added 9 characters in body" --> Word Count (211)

UserId="8560" --> Word Count (63)

UserId="52634" --> Word Count (139)

UserId="52634" --> Word Count (5)

UserId="52634" --> Word Count (1)

UserId="50727" Comment="Awful grammar and tags" --> Word Count (45)

UserId="50727" Comment="Awful grammar and tags" --> Word Count (1)

UserId="52594" --> Word Count (73)

UserId="52644" --> Word Count (43)

UserId="8729" --> Word Count (183)

UserId="45191" --> Word Count (1144)

UserId="45191" --> Word Count (9)

UserId="45191" --> Word Count (1)

UserId="52603" --> Word Count (749)

UserId="52603" --> Word Count (7)

UserId="52603" --> Word Count (1)

UserId="38751" Comment="Fixed an error." --> Word Count (43)

UserId="51714" --> Word Count (234)

UserId="51714" --> Word Count (13)

UserId="51714" --> Word Count (1)

UserId="52651" --> Word Count (116)

UserId="52651" --> Word Count (7)

UserId="52651" --> Word Count (1)

UserId="51714" Comment="edited title" --> Word Count (12)
 UserId="52573" Comment="edited tags" --> Word Count (1)
 UserId="47522" Comment="added 1176 characters in body" --> Word Count (463)
 UserId="52653" --> Word Count (60)
 UserId="52653" --> Word Count (2)
 UserId="52653" --> Word Count (1)
 UserId="52411" --> Word Count (131)
 UserId="52411" --> Word Count (5)
 UserId="52411" --> Word Count (1)
 UserId="50625" Comment="added 13 characters in body" --> Word Count (234)
 UserId="39208" --> Word Count (303)
 UserId="45191" --> Word Count (696)
 UserId="51845" Comment="added 166 characters in body" --> Word Count (354)
 UserId="51845" Comment="deleted 42 characters in body" --> Word Count (351)
 UserId="51845" Comment="added 34 characters in body" --> Word Count (354)
 UserId="46375" --> Word Count (37)
 UserId="46375" --> Word Count (5)
 UserId="46375" --> Word Count (1)
 UserId="46375" Comment="deleted 1 character in body" --> Word Count (37)
 UserId="52664" --> Word Count (510)
 UserId="52664" --> Word Count (9)
 UserId="52664" --> Word Count (1)
 UserId="9518" --> Word Count (170)
 UserId="52670" --> Word Count (417)
 UserId="52670" --> Word Count (6)
 UserId="52670" --> Word Count (1)
 UserId="-1" Comment="104" --> Word Count (3)
 UserId="52672" --> Word Count (148)
 UserId="52672" Text="Machine Learning/" --> Word Count (3)
 UserId="52672" --> Word Count (1)
 UserId="52669" --> Word Count (121)
 UserId="52669" --> Word Count (13)
 UserId="52669" --> Word Count (1)
 UserId="51836" --> Word Count (256)
 UserId="51209" --> Word Count (110)
 UserId="52673" --> Word Count (309)
 UserId="52673" --> Word Count (10)
 UserId="52673" --> Word Count (1)
 UserId="52669" Comment="added 8 characters in body" --> Word Count (123)
 UserId="52669" Comment="added 8 characters in body" --> Word Count (11)
 UserId="51836" --> Word Count (193)
 UserId="38751" --> Word Count (57)
 UserId="51209" Comment="added 198 characters in body" --> Word Count (142)
 UserId="52678" --> Word Count (100)
 UserId="52678" --> Word Count (15)
 UserId="52678" --> Word Count (1)
 UserId="51209" --> Word Count (109)
 UserId="51209" --> Word Count (34)

UserId="29203" Comment="added 6 characters in body" --> Word Count (97)
 UserId="33759" --> Word Count (57)
 UserId="29203" --> Word Count (129)
 UserId="51209" --> Word Count (53)
 UserId="51209" --> Word Count (8)
 UserId="51209" --> Word Count (1)
 UserId="51209" Comment="edited body; edited title" --> Word Count (53)
 UserId="29203" Comment="added 4 characters in body" --> Word Count (129)
 UserId="51209" Comment="edited body; edited title" --> Word Count (10)
 UserId="51209" --> Word Count (41)
 UserId="52663" --> Word Count (191)
 UserId="52663" --> Word Count (14)
 UserId="52663" --> Word Count (1)
 UserId="52684" --> Word Count (88)
 UserId="52684" --> Word Count (12)
 UserId="52684" --> Word Count (1)
 UserId="52685" --> Word Count (247)
 UserId="52685" --> Word Count (22)
 UserId="52685" --> Word Count (1)
 UserId="43077" --> Word Count (118)
 UserId="43077" --> Word Count (6)
 UserId="43077" --> Word Count (1)
 UserId="2932" --> Word Count (52)
 UserId="35679" --> Word Count (125)
 UserId="27114" --> Word Count (830)
 UserId="52623" Comment="deleted 4 characters in body" --> Word Count (753)
 UserId="52623" Comment="deleted 4 characters in body" --> Word Count (758)
 UserId="51845" Comment="adding plots" --> Word Count (551)
 UserId="9518" Comment="Mixup between mean and varianc" --> Word Count (5)
 UserId="52692" --> Word Count (194)
 UserId="52692" --> Word Count (12)
 UserId="52692" --> Word Count (1)
 UserId="52695" --> Word Count (290)
 UserId="52695" --> Word Count (13)
 UserId="52695" --> Word Count (1)
 UserId="24370" --> Word Count (240)
 UserId="24370" --> Word Count (4)
 UserId="24370" --> Word Count (1)
 UserId="45713" --> Word Count (64)
 UserId="45713" --> Word Count (13)
 UserId="45713" --> Word Count (1)
 UserId="42984" --> Word Count (178)
 UserId="42498" --> Word Count (49)
 UserId="42498" --> Word Count (9)
 UserId="42498" --> Word Count (1)
 UserId="52083" Comment="deleted 117 characters in body" --> Word Count (190)
 UserId="24919" --> Word Count (148)
 UserId="24919" --> Word Count (11)

UserId="24919" --> Word Count (1)
 UserId="47958" --> Word Count (239)
 UserId="47958" --> Word Count (6)
 UserId="47958" --> Word Count (1)
 UserId="52697" --> Word Count (62)
 UserId="52697" --> Word Count (7)
 UserId="52697" --> Word Count (1)
 UserId="47958" Comment="added 89 characters in body" --> Word Count (256)
 UserId="45166" --> Word Count (155)
 UserId="45166" --> Word Count (7)
 UserId="45166" --> Word Count (1)
 UserId="50727" --> Word Count (201)
 UserId="50727" Comment="tag" --> Word Count (1)
 UserId="50727" Comment="tag" --> Word Count (1)
 UserId="50727" Comment="edited tags" --> Word Count (1)
 UserId="50727" Comment="edited tags" --> Word Count (1)
 UserId="52428" --> Word Count (11)
 UserId="52428" Comment="added 326 characters in body" --> Word Count (54)
 UserId="52701" --> Word Count (113)
 UserId="52701" --> Word Count (9)
 UserId="52701" --> Word Count (1)
 UserId="42498" --> Word Count (156)
 UserId="39387" --> Word Count (110)
 UserId="39387" --> Word Count (6)
 UserId="39387" --> Word Count (1)
 UserId="35679" --> Word Count (123)
 UserId="-1" Comment="105" --> Word Count (2)
 UserId="51209" --> Word Count (25)
 UserId="44611" --> Word Count (98)
 UserId="44611" --> Word Count (3)
 UserId="44611" --> Word Count (1)
 UserId="52640" --> Word Count (1139)
 UserId="52640" --> Word Count (9)
 UserId="52640" --> Word Count (1)
 UserId="52678" --> Word Count (1367)
 UserId="52678" --> Word Count (10)
 UserId="52678" --> Word Count (1)
 UserId="28175" Comment="Rollback to [266f27d0-8ade-4e27-8413-497e46a39b25]" -->
 Word Count (257)
 UserId="28175" Comment="Rollback to [266f27d0-8ade-4e27-8413-497e46a39b25]" -->
 Word Count (1)
 UserId="42498" Comment="added tag normalisation" --> Word Count (1)
 UserId="14560" --> Word Count (148)
 UserId="41929" --> Word Count (164)
 UserId="45907" --> Word Count (257)
 UserId="45907" --> Word Count (10)
 UserId="45907" --> Word Count (1)
 UserId="49293" --> Word Count (128)

UserId="51209" --> Word Count (63)
 UserId="20517" --> Word Count (67)
 UserId="52701" Comment="added 19 characters in body" --> Word Count (115)
 UserId="52701" Comment="added 19 characters in body" --> Word Count (15)
 UserId="52719" --> Word Count (146)
 UserId="44617" --> Word Count (115)
 UserId="26733" Comment="added 41 characters in body" --> Word Count (50)
 UserId="52722" --> Word Count (228)
 UserId="52722" --> Word Count (13)
 UserId="52722" --> Word Count (1)
 UserId="51209" --> Word Count (32)
 UserId="52719" Comment="edited body" --> Word Count (146)
 UserId="52719" --> Word Count (132)
 UserId="43077" Comment="added 58 characters in body" --> Word Count (504)
 UserId="43077" Comment="added 58 characters in body" --> Word Count (509)
 UserId="43077" Comment="added 4 characters in body" --> Word Count (509)
 UserId="52726" --> Word Count (40)
 UserId="52726" --> Word Count (8)
 UserId="52726" --> Word Count (1)
 UserId="52602" Comment="deleted 235 characters in body" --> Word Count (71)
 UserId="52602" Comment="deleted 235 characters in body" --> Word Count (10)
 UserId="35679" --> Word Count (112)
 UserId="38802" --> Word Count (196)
 UserId="38802" --> Word Count (3)
 UserId="38802" --> Word Count (1)
 UserId="52728" --> Word Count (64)
 UserId="52728" --> Word Count (4)
 UserId="52728" --> Word Count (1)
 UserId="52728" Comment="deleted 9 characters in body" --> Word Count (59)
 UserId="52729" --> Word Count (62)
 UserId="52729" --> Word Count (7)
 UserId="52729" --> Word Count (1)
 UserId="710" Comment="seriously. this is a demeaning requirement." --> Word Count (66)
 UserId="29575" Comment="seriously. this is a demeaning requirement." --> Word Count (65)
 UserId="52731" --> Word Count (259)
 UserId="52731" --> Word Count (7)
 UserId="52731" --> Word Count (1)
 UserId="37932" Comment="added 99 characters in body" --> Word Count (177)
 UserId="47562" --> Word Count (65)
 UserId="47562" --> Word Count (5)
 UserId="47562" --> Word Count (1)
 UserId="43077" --> Word Count (70)
 UserId="43077" --> Word Count (8)
 UserId="43077" --> Word Count (1)
 UserId="28175" --> Word Count (271)
 UserId="28175" Comment="edited body; edited tags" --> Word Count (70)

UserId="28175" Comment="edited body; edited tags" --> Word Count (1)
 UserId="28175" --> Word Count (43)
 UserId="28175" Comment="deleted 1 character in body; edited tags" --> Word Count (65)
 UserId="28175" Comment="deleted 1 character in body; edited tags" --> Word Count (1)
 UserId="28175" Comment="added 412 characters in body" --> Word Count (77)
 UserId="28175" Comment="edited body" --> Word Count (70)
 UserId="28175" Comment="added 20 characters in body" --> Word Count (275)
 UserId="35679" Comment="added 829 characters in body" --> Word Count (238)
 UserId="50727" Comment="added 2 characters in body; edited tags" --> Word Count (40)
 UserId="50727" Comment="added 2 characters in body; edited tags" --> Word Count (1)
 UserId="50727" Comment="edited tags" --> Word Count (1)
 UserId="50727" Comment="edited tags" --> Word Count (1)
 UserId="52738" --> Word Count (33)
 UserId="52738" --> Word Count (13)
 UserId="52738" --> Word Count (1)
 UserId="52740" --> Word Count (76)
 UserId="52740" --> Word Count (9)
 UserId="52740" --> Word Count (1)
 UserId="50727" --> Word Count (50)
 UserId="50727" --> Word Count (17)
 UserId="41929" --> Word Count (111)
 UserId="43077" Comment="added 192 characters in body" --> Word Count (109)
 UserId="43077" Comment="deleted 5 characters in body" --> Word Count (71)
 UserId="52742" --> Word Count (167)
 UserId="52742" --> Word Count (16)
 UserId="52742" --> Word Count (1)
 UserId="45581" --> Word Count (732)
 UserId="45581" --> Word Count (6)
 UserId="45581" --> Word Count (1)
 UserId="43077" --> Word Count (110)
 UserId="43077" --> Word Count (8)
 UserId="43077" --> Word Count (1)
 UserId="51329" --> Word Count (80)
 UserId="43077" Comment="added 10 characters in body" --> Word Count (111)
 UserId="51329" --> Word Count (35)
 UserId="44673" --> Word Count (102)
 UserId="44673" --> Word Count (6)
 UserId="44673" --> Word Count (1)
 UserId="52748" --> Word Count (236)
 UserId="52748" --> Word Count (8)
 UserId="52748" --> Word Count (1)
 UserId="52740" Comment="added 87 characters in body" --> Word Count (78)
 UserId="28175" --> Word Count (201)
 UserId="28175" Comment="edited tags" --> Word Count (1)

UserId="52731" Comment="edited tags" --> Word Count (1)
UserId="28175" Comment="edited tags" --> Word Count (1)
UserId="44617" --> Word Count (173)
UserId="-1" Comment="101" --> Word Count (4)
UserId="30805" --> Word Count (25)
UserId="51659" --> Word Count (92)
UserId="924" --> Word Count (37)
UserId="44393" --> Word Count (70)
UserId="52759" --> Word Count (153)
UserId="52759" --> Word Count (12)
UserId="52759" --> Word Count (1)
UserId="38506" --> Word Count (48)
UserId="38506" --> Word Count (9)
UserId="38506" --> Word Count (1)
UserId="-1" Comment="103" --> Word Count (4)
UserId="924" --> Word Count (142)
UserId="49782" --> Word Count (172)
UserId="49782" --> Word Count (11)
UserId="49782" --> Word Count (1)
UserId="51026" --> Word Count (63)
UserId="51026" --> Word Count (8)
UserId="51026" --> Word Count (1)
UserId="45581" Comment="added 119 characters in body" --> Word Count (743)
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 data consist of three excel sheet 
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[![enter image description
 here] [2]] [2]

[![enter image description
 here] [3]] [3]

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 UserId="52910" --> Word Count (8)
 UserId="52910" --> Word Count (1)
 UserId="52981" --> Word Count (49)
 UserId="43430" Comment="provide deeplink to blog post instead of link to overview page that does not contain the article" --> Word Count (128)
 UserId="22074" --> Word Count (226)
 UserId="22074" --> Word Count (10)
 UserId="22074" --> Word Count (1)
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 UserId="50832" --> Word Count (96)
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UserId="50832" --> Word Count (1)
 UserId="28668" --> Word Count (109)
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 UserId="41728" --> Word Count (141)
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 UserId="52987" --> Word Count (1)
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 UserId="52902" --> Word Count (8)
 UserId="52902" --> Word Count (1)
 UserId="52994" --> Word Count (92)
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 UserId="52994" --> Word Count (1)
 UserId="52994" Comment="edited title" --> Word Count (7)
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 UserId="52089" --> Word Count (73)
 UserId="52997" --> Word Count (61)
 UserId="52997" --> Word Count (10)
 UserId="52997" --> Word Count (1)
 UserId="52995" --> Word Count (99)
 UserId="52995" --> Word Count (5)
 UserId="52995" --> Word Count (1)
 UserId="52998" --> Word Count (231)
 UserId="52998" --> Word Count (8)
 UserId="52998" --> Word Count (1)
 UserId="52997" Comment="added 113 characters in body" --> Word Count (78)
 UserId="26616" Comment="added tags formatted" --> Word Count (265)
 UserId="26616" Comment="added tags formatted" --> Word Count (1)
 UserId="32120" Comment="added 22 characters in body" --> Word Count (66)
 UserId="52719" --> Word Count (112)
 UserId="28175" --> Word Count (157)
 UserId="28175" Comment="deleted 4 characters in body; edited tags" --> Word Count (230)
 UserId="28175" Comment="deleted 4 characters in body; edited tags" --> Word Count (1)
 UserId="53001" --> Word Count (918)
 UserId="53001" Comment="edited body" --> Word Count (918)
 UserId="52089" --> Word Count (71)
 UserId="37510" Comment="added 39 characters in body" --> Word Count (539)
 UserId="53003" --> Word Count (64)
 UserId="53003" --> Word Count (3)
 UserId="53003" --> Word Count (1)
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 UserId="50451" --> Word Count (1)
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UserId="35679" --> Word Count (19)
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 UserId="53006" --> Word Count (6)
 UserId="53006" --> Word Count (1)
 UserId="29587" --> Word Count (1358)
 UserId="52902" --> Word Count (19)
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 UserId="52842" Comment="added 564 characters in body" --> Word Count (5)
 UserId="33331" --> Word Count (82)
 UserId="52842" Comment="added 103 characters in body" --> Word Count (282)
 UserId="29575" Comment="Format list" --> Word Count (75)
 UserId="45356" --> Word Count (55)
 UserId="51836" --> Word Count (1346)
 UserId="50727" --> Word Count (84)
 UserId="51836" Comment="deleted 1 character in body" --> Word Count (1346)
 UserId="44456" --> Word Count (199)
 UserId="52994" Comment="added 119 characters in body" --> Word Count (154)
 UserId="14519" --> Word Count (449)
 UserId="50727" Comment="edit" --> Word Count (152)
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 UserId="52972" --> Word Count (12)
 UserId="52972" --> Word Count (1)
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 UserId="53019" --> Word Count (47)
 UserId="45064" --> Word Count (79)
 UserId="53021" --> Word Count (143)
 UserId="53021" --> Word Count (10)
 UserId="53021" --> Word Count (1)
 UserId="50727" --> Word Count (129)
 UserId="43077" Comment="added 2 characters in body" --> Word Count (176)
 UserId="52640" Comment="added 23 characters in body" --> Word Count (1187)
 UserId="44456" Comment="added 136 characters in body" --> Word Count (151)
 UserId="44456" Comment="added 1596 characters in body" --> Word Count (378)
 UserId="6550" --> Word Count (20)
 UserId="29575" Comment="Minor formatting" --> Word Count (47)
 UserId="29203" --> Word Count (211)
 UserId="52089" --> Word Count (142)
 UserId="1426" --> Word Count (56)
 UserId="51209" --> Word Count (36)
 UserId="18818" --> Word Count (25)
 UserId="18818" --> Word Count (15)
 UserId="18818" --> Word Count (1)
 UserId="51209" Comment="added 2 characters in body" --> Word Count (36)
 UserId="53032" Comment="better link" --> Word Count (170)
 UserId="33331" Comment="Improved formatting " --> Word Count (871)
 UserId="-1" Comment="101" --> Word Count (2)

UserId="53038" --> Word Count (422)
 UserId="53038" --> Word Count (7)
 UserId="53038" --> Word Count (1)
 UserId="53040" --> Word Count (87)
 UserId="53040" --> Word Count (9)
 UserId="53040" --> Word Count (1)
 UserId="50727" Comment="edited tags" --> Word Count (1)
 UserId="52089" --> Word Count (149)
 UserId="53169" UserDisplayName="Shivam Srivastava" --> Word Count (193)
 UserId="53169" UserDisplayName="Shivam Srivastava" --> Word Count (21)
 UserId="53169" UserDisplayName="Shivam Srivastava" --> Word Count (1)
 UserId="51668" --> Word Count (99)
 UserId="15430" --> Word Count (119)
 UserId="15430" --> Word Count (11)
 UserId="15430" --> Word Count (1)
 UserId="8560" --> Word Count (313)
 UserId="53046" --> Word Count (92)
 UserId="53046" --> Word Count (3)
 UserId="53046" --> Word Count (1)
 UserId="15430" Comment="clarification" --> Word Count (121)
 UserId="924" --> Word Count (24)
 UserId="924" Comment="added 88 characters in body; added 246 characters in body"
 --> Word Count (80)
 UserId="924" Comment="added 52 characters in body" --> Word Count (88)
 UserId="16538" --> Word Count (423)
 UserId="52089" --> Word Count (68)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="52089" --> Word Count (49)
 UserId="46504" --> Word Count (142)
 UserId="46504" --> Word Count (20)
 UserId="46504" --> Word Count (1)
 UserId="52089" Comment="edited body" --> Word Count (49)
 UserId="52719" --> Word Count (80)
 UserId="21" Comment="102" --> Word Count (3)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="21" Comment="103" --> Word Count (5)
 UserId="21" Comment="102" --> Word Count (3)
 UserId="-1" --> Word Count (1)
 UserId="-1" Comment="to
[https://datascience.meta.stackexchange.com/questions/2376/are-euclidian-vectors-
 and-unit-vectors-same-thing](https://datascience.meta.stackexchange.com/questions/2376/are-euclidian-vectors-and-unit-vectors-same-thing)" --> Word Count (3)
 UserId="-1" Comment="102" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="53040" Comment="deleted 104 characters in body" --> Word Count (69)

UserId="53040" Comment="Being more specific in mh question" --> Word Count (28)
 UserId="52719" --> Word Count (187)
 UserId="50727" --> Word Count (131)
 UserId="20923" --> Word Count (25)
 UserId="20923" --> Word Count (4)
 UserId="20923" --> Word Count (1)
 UserId="53062" --> Word Count (65)
 UserId="53062" --> Word Count (7)
 UserId="53062" --> Word Count (1)
 UserId="20923" Comment="added 42 characters in body" --> Word Count (31)
 UserId="52089" --> Word Count (193)
 UserId="52089" --> Word Count (38)
 UserId="52089" Comment="added 518 characters in body" --> Word Count (224)
 UserId="-1" --> Word Count (1)
 UserId="35644" --> Word Count (13)
 UserId="35644" Comment="added 104 characters in body; added 32 characters in body; added 10 characters in body; added 1 character in body" --> Word Count (36)
 UserId="53046" Comment="Clarification, refinement of question" --> Word Count (148)
 UserId="53068" --> Word Count (15)
 UserId="53068" --> Word Count (10)
 UserId="53068" --> Word Count (1)
 UserId="35679" --> Word Count (57)
 UserId="52997" --> Word Count (147)
 UserId="52997" --> Word Count (6)
 UserId="52997" --> Word Count (1)
 UserId="52726" --> Word Count (19)
 UserId="52726" --> Word Count (10)
 UserId="52726" --> Word Count (1)
 UserId="53075" --> Word Count (86)
 UserId="45064" Text="There are two basic approaches to summarization:
 abstractive and **extractive**.

Extractive
 summarization is simpler and consists of selecting informative pieces/sentences
 from text. It is commonly performed using algorithms like TextRank (a variation
 of PageRank). An example implementation can be found in [gensim][1]. There are
 other approaches, for example check out [sumy][2]
 library.

Abstractive summarization on the other hand
 consists of summarizing documents with shorter sentences which do not have to
 come from the input text (an abstract may paraphrase some fragments of text). It
 is commonly performed using Deep Learning Seq2Seq
 methods.

Which approach is better for start? **Extractive**
 wins by far. First of all, you don't have to train any model, as these methods
 rely on information found solely in summarized text. Second, deep learning
 models, even if they exist and can be easily found *, are trained on specific
 texts, so they might not generalize well across application
 domains.


> But How should be the approach , when the
 dataset also has documents

> in french, chinese, hindi

etc...

If you have good tokenizers and stemmers for these languages you should be fine with --> Word Count (72)

UserId="45064" Comment="added 139 characters in body" Text="There are two basic approaches to summarization: ****abstractive**** and ****extractive****."

****Extractive**** summarization is simpler and consists of selecting informative pieces/sentences from text. It is commonly performed using algorithms like TextRank (a variation of PageRank). An example implementation can be found in [gensim][1]. There are other approaches, for example check out [sumy][2] library."

****Abstractive**** summarization on the other hand consists of summarizing documents with shorter sentences which do not have to come from the input text (an abstract may paraphrase some fragments of text). It is commonly performed using Deep Learning Seq2Seq methods."

Which approach is better for start? ****Extractive**** wins by far. First of all, you don't have to train any model, as these methods rely on information found solely in summarized text. Second, deep learning models, even if they exist and can be easily found *, are trained on specific texts, so they might not generalize well across application domains."


> But How should be the approach , when the dataset also has documents

> in french, chinese, hindi etc...

If you have good tokenizers and stemmers for these languages you should be fine with --> Word Count (93)

UserId="43077" --> Word Count (57)

UserId="43077" --> Word Count (7)

UserId="43077" --> Word Count (1)

UserId="2893" --> Word Count (119)

UserId="2893" --> Word Count (16)

UserId="2893" --> Word Count (1)

UserId="52089" --> Word Count (126)

UserId="35644" --> Word Count (82)

UserId="35644" Comment="added 374 characters in body" --> Word Count (96)

UserId="40137" --> Word Count (93)

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UserId="40137" --> Word Count (1)

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UserId="44456" Comment="added 95 characters in body" --> Word Count (164)

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UserId="39208" --> Word Count (125)

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UserId="39208" --> Word Count (1)

UserId="39208" Comment="edited tags" --> Word Count (1)

UserId="924" Comment="edited body" --> Word Count (89)

UserId="924" --> Word Count (182)

UserId="51659" --> Word Count (253)

UserId="51836" --> Word Count (116)

UserId="38506" --> Word Count (153)

UserId="38506" --> Word Count (6)

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 UserId="47774" Comment="added class imbalance tag, minor grammar fix" --> Word Count (1)
 UserId="29575" Comment="added class imbalance tag, minor grammar fix" --> Word Count (104)
 UserId="53088" --> Word Count (148)
 UserId="53088" --> Word Count (6)
 UserId="53088" --> Word Count (1)
 UserId="32926" --> Word Count (320)
 UserId="2893" --> Word Count (395)
 UserId="2893" --> Word Count (7)
 UserId="2893" --> Word Count (1)
 UserId="35644" --> Word Count (100)
 UserId="35644" Comment="added 63 characters in body; added 97 characters in body" --> Word Count (109)
 UserId="2893" Comment="Improved Formatting." --> Word Count (400)
 UserId="35644" Comment="added 1 character in body; added 55 characters in body" --> Word Count (116)
 UserId="39590" --> Word Count (202)
 UserId="39590" --> Word Count (5)
 UserId="39590" --> Word Count (1)
 UserId="52089" --> Word Count (127)
 UserId="52726" Comment="via Vote" --> Word Count (2)
 UserId="52726" --> Word Count (2)
 UserId="51836" Comment="deleted 4 characters in body" --> Word Count (218)
 UserId="53001" Comment="Added more tags" --> Word Count (1)
 UserId="53106" --> Word Count (41)
 UserId="18626" --> Word Count (57)
 UserId="42377" --> Word Count (155)
 UserId="42377" --> Word Count (10)
 UserId="42377" --> Word Count (1)
 UserId="47767" --> Word Count (61)
 UserId="42377" Comment="[Edit removed during grace period]" --> Word Count (155)
 UserId="52089" --> Word Count (158)
 UserId="52935" --> Word Count (155)
 UserId="52935" --> Word Count (4)
 UserId="52935" --> Word Count (1)
 UserId="50727" --> Word Count (18)
 UserId="50866" --> Word Count (96)
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 UserId="53110" --> Word Count (12)
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 UserId="45374" --> Word Count (79)

UserId="41203" --> Word Count (98)
 UserId="41203" --> Word Count (13)
 UserId="41203" --> Word Count (1)
 UserId="53114" --> Word Count (149)
 UserId="53114" --> Word Count (5)
 UserId="53114" --> Word Count (1)
 UserId="52089" --> Word Count (79)
 UserId="43077" --> Word Count (113)
 UserId="43077" --> Word Count (6)
 UserId="43077" --> Word Count (1)
 UserId="53115" --> Word Count (156)
 UserId="53115" --> Word Count (17)
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 UserId="39673" --> Word Count (114)
 UserId="43077" Comment="edited body" --> Word Count (116)
 UserId="43077" Comment="deleted 6 characters in body" --> Word Count (122)
 UserId="2893" --> Word Count (58)
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 UserId="2893" --> Word Count (1)
 UserId="50727" --> Word Count (47)
 UserId="50727" --> Word Count (29)
 UserId="49852" Text="If the user inputs a title, then you could construct a system which finds the most similar titles in the corpus, and outputs the ingredients in the retrieved recipes. Some ideas below:
 Represent the titles in a common vector space using a vocabulary-based vectorization and use Jaccard or Cosine similarity to find the most similar titles. [examples of similarity measures](<http://text2vec.org/similarity.html>)
 Convert the words in the title to their respective word-embeddings using Fast --> Word Count (76)
 UserId="50727" Comment="deleted 32 characters in body" --> Word Count (13)
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 UserId="836" Comment="added 552 characters in body" --> Word Count (163)
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 UserId="52925" --> Word Count (71)
 UserId="50828" --> Word Count (126)
 UserId="50828" --> Word Count (8)
 UserId="50828" --> Word Count (1)
 UserId="14906" --> Word Count (495)
 UserId="43077" --> Word Count (94)
 UserId="43077" --> Word Count (12)
 UserId="43077" --> Word Count (1)
 UserId="51836" Comment="deleted 172 characters in body" --> Word Count (190)
 UserId="50727" --> Word Count (743)
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 UserId="45264" --> Word Count (337)
 UserId="51545" --> Word Count (115)
 UserId="29575" Comment="Format Link" --> Word Count (115)

UserId="45166" --> Word Count (78)
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 UserId="53127" --> Word Count (8)
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 UserId="50746" --> Word Count (10)
 UserId="50746" --> Word Count (1)
 UserId="50727" --> Word Count (84)
 UserId="836" --> Word Count (579)
 UserId="836" Comment="added 541 characters in body" --> Word Count (658)
 UserId="47832" --> Word Count (85)
 UserId="47832" --> Word Count (12)
 UserId="47832" --> Word Count (1)
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 UserId="53140" --> Word Count (11)
 UserId="53139" --> Word Count (117)
 UserId="53139" Comment="added 4 characters in body" --> Word Count (119)
 UserId="53142" --> Word Count (40)
 UserId="52726" --> Word Count (25)
 UserId="52726" --> Word Count (17)
 UserId="52726" --> Word Count (1)
 UserId="50727" --> Word Count (23)
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 UserId="50727" --> Word Count (67)
 UserId="53140" Comment="added 8722 characters in body" --> Word Count (5999)
 UserId="52726" Comment="added 185 characters in body" --> Word Count (56)
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 UserId="17397" --> Word Count (7)
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 UserId="53148" Comment="edited tags; edited title" --> Word Count (1)
 UserId="50727" Comment="added 607 characters in body" --> Word Count (124)
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 UserId="52719" --> Word Count (153)
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 UserId="45382" --> Word Count (1)
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 UserId="53163" --> Word Count (4)
 UserId="53163" --> Word Count (1)
 UserId="53165" --> Word Count (57)
 UserId="44456" --> Word Count (245)
 UserId="20903" --> Word Count (27)
 UserId="20903" --> Word Count (8)
 UserId="20903" --> Word Count (1)
 UserId="-1" Comment="103" --> Word Count (2)
 UserId="52089" --> Word Count (44)
 UserId="45064" --> Word Count (23)
 UserId="41058" --> Word Count (69)
 UserId="41058" --> Word Count (8)
 UserId="41058" --> Word Count (1)
 UserId="50727" Comment="edited tags" --> Word Count (1)
 UserId="50727" Comment="added 2 characters in body; edited tags" --> Word Count (108)
 UserId="50727" Comment="added 2 characters in body; edited tags" --> Word Count (1)
 UserId="51541" --> Word Count (114)
 UserId="50727" Comment="edited tags" --> Word Count (1)
 UserId="51836" --> Word Count (320)
 UserId="53184" --> Word Count (93)
 UserId="53184" --> Word Count (6)
 UserId="53184" --> Word Count (1)
 UserId="43131" --> Word Count (51)
 UserId="43131" --> Word Count (9)
 UserId="43131" --> Word Count (1)
 UserId="53192" --> Word Count (58)
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 UserId="51141" --> Word Count (1)
 UserId="45264" --> Word Count (105)
 UserId="50727" --> Word Count (32)
 UserId="39590" --> Word Count (63)
 UserId="39590" --> Word Count (4)
 UserId="39590" --> Word Count (1)

UserId="45264" --> Word Count (296)
 UserId="45264" --> Word Count (240)
 UserId="41929" --> Word Count (229)
 UserId="52079" --> Word Count (149)
 UserId="52079" --> Word Count (16)
 UserId="52079" --> Word Count (1)
 UserId="41345" Comment="added tags + fixed spellings" --> Word Count (63)
 UserId="41345" Comment="added tags + fixed spellings" --> Word Count (1)
 UserId="29575" Comment="added tags + fixed spellings" --> Word Count (44)
 UserId="50727" --> Word Count (176)
 UserId="41929" --> Word Count (226)
 UserId="41929" Comment="deleted 36 characters in body" --> Word Count (211)
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 UserId="47126" --> Word Count (67)
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 UserId="47126" --> Word Count (1)
 UserId="47126" Comment="added 183 characters in body" --> Word Count (100)
 UserId="30482" --> Word Count (96)
 UserId="30482" --> Word Count (9)
 UserId="30482" --> Word Count (1)
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 UserId="47832" --> Word Count (6)
 UserId="47832" --> Word Count (1)
 UserId="50727" --> Word Count (82)
 UserId="45264" Comment="Formatted the data example to make it more readable."
 --> Word Count (106)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="21" --> Word Count (2)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="41929" --> Word Count (182)
 UserId="50495" --> Word Count (208)
 UserId="50495" --> Word Count (12)
 UserId="50495" --> Word Count (1)
 UserId="28101" --> Word Count (105)
 UserId="53088" Comment="added 848 characters in body" --> Word Count (279)
 UserId="53215" --> Word Count (105)
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 UserId="35809" --> Word Count (59)
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 UserId="381" Comment="edited title" --> Word Count (9)

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 UserId="53222" --> Word Count (85)
 UserId="53222" --> Word Count (8)
 UserId="53222" --> Word Count (1)
 UserId="41929" Comment="added 6 characters in body; added 19 characters in body"
 --> Word Count (232)
 UserId="924" --> Word Count (71)
 UserId="53223" --> Word Count (376)
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 UserId="50706" --> Word Count (117)
 UserId="29781" --> Word Count (686)
 UserId="53233" --> Word Count (200)
 UserId="40853" Comment="Improved Formatting" --> Word Count (98)
 UserId="27114" Comment="Formatting the code" --> Word Count (446)
 UserId="50727" Comment="edited tags" --> Word Count (1)
 UserId="29781" Comment="added 95 characters in body" --> Word Count (701)
 UserId="50727" Comment="Spelling mistakes and tags" --> Word Count (192)
 UserId="50727" Comment="Spelling mistakes and tags" --> Word Count (1)
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 UserId="53252" --> Word Count (97)
 UserId="53252" --> Word Count (14)
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 UserId="52517" --> Word Count (78)
 UserId="38636" --> Word Count (133)
 UserId="38636" --> Word Count (5)
 UserId="38636" --> Word Count (1)
 UserId="52975" --> Word Count (263)
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 UserId="52975" --> Word Count (1)
 UserId="39387" --> Word Count (92)
 UserId="39387" --> Word Count (15)
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 UserId="30048" --> Word Count (20)
 UserId="53021" --> Word Count (288)
 UserId="53021" --> Word Count (7)

UserId="53021" --> Word Count (1)
 UserId="50727" --> Word Count (131)
 UserId="51836" --> Word Count (105)
 UserId="53266" --> Word Count (84)
 UserId="53266" --> Word Count (9)
 UserId="53266" --> Word Count (1)
 UserId="53222" Comment="same calculation as paper's plot" --> Word Count (93)
 UserId="29134" --> Word Count (170)
 UserId="29134" --> Word Count (4)
 UserId="29134" --> Word Count (1)
 UserId="53139" --> Word Count (251)
 UserId="53222" Comment="added 356 characters in body" --> Word Count (121)
 UserId="53222" Comment="easier to understand analogy" --> Word Count (236)
 UserId="53021" Comment="added 72 characters in body" --> Word Count (302)
 UserId="50363" --> Word Count (192)
 UserId="53278" --> Word Count (154)
 UserId="53278" --> Word Count (7)
 UserId="53278" --> Word Count (1)
 UserId="47832" --> Word Count (104)
 UserId="47832" --> Word Count (7)
 UserId="47832" --> Word Count (1)
 UserId="53279" --> Word Count (148)
 UserId="53279" --> Word Count (15)
 UserId="53279" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="53278" Comment="deleted 143 characters in body; edited tags; edited title" --> Word Count (106)
 UserId="53278" Comment="deleted 143 characters in body; edited tags; edited title" --> Word Count (7)
 UserId="53278" Comment="deleted 143 characters in body; edited tags; edited title" --> Word Count (1)
 UserId="27114" --> Word Count (199)
 UserId="44456" Comment="modified the title and text a bit for further clarification" --> Word Count (148)
 UserId="44456" Comment="modified the title and text a bit for further clarification" --> Word Count (12)
 UserId="51125" --> Word Count (228)
 UserId="51125" Comment="added 321 characters in body; deleted 236 characters in body" --> Word Count (240)
 UserId="53283" --> Word Count (66)
 UserId="53283" --> Word Count (6)
 UserId="53283" --> Word Count (1)
 UserId="53283" Comment="added 59 characters in body" --> Word Count (69)
 UserId="13335" --> Word Count (52)
 UserId="13335" --> Word Count (6)
 UserId="13335" --> Word Count (1)
 UserId="17310" --> Word Count (85)
 UserId="17310" --> Word Count (8)

UserId="17310" --> Word Count (1)
 UserId="43077" --> Word Count (61)
 UserId="381" Comment="deleted 68 characters in body; edited tags" --> Word Count (128)
 UserId="381" Comment="deleted 68 characters in body; edited tags" --> Word Count (1)
 UserId="381" Comment="deleted 1 character in body" --> Word Count (128)
 UserId="381" --> Word Count (212)
 UserId="381" Comment="deleted 10 characters in body" --> Word Count (212)
 UserId="53295" --> Word Count (167)
 UserId="53287" --> Word Count (60)
 UserId="53287" --> Word Count (4)
 UserId="53287" --> Word Count (1)
 UserId="50727" --> Word Count (96)
 UserId="42498" --> Word Count (185)
 UserId="42498" --> Word Count (16)
 UserId="42498" --> Word Count (1)
 UserId="50727" --> Word Count (53)
 UserId="836" Comment="added 225 characters in body" --> Word Count (132)
 UserId="45166" Comment="Small grammar fix. Bulletpoints added and clearly identified what is code and what is not." --> Word Count (138)
 UserId="53295" Comment="Small grammar fix. Bulletpoints added and clearly identified what is code and what is not." --> Word Count (138)
 UserId="42498" Comment="added relevant tags" --> Word Count (1)
 UserId="50727" --> Word Count (222)
 UserId="53295" Comment="added 54 characters in body" --> Word Count (138)
 UserId="50727" Comment="edited tags" --> Word Count (1)
 UserId="50727" --> Word Count (87)
 UserId="50727" Comment="edited tags" --> Word Count (1)
 UserId="42498" Comment="improved the question" --> Word Count (213)
 UserId="50727" Comment="added 1146 characters in body" --> Word Count (232)
 UserId="44456" --> Word Count (246)
 UserId="44456" Comment="added 1106 characters in body" --> Word Count (420)
 UserId="836" --> Word Count (797)
 UserId="50727" --> Word Count (68)
 UserId="52089" --> Word Count (108)
 UserId="52428" --> Word Count (94)
 UserId="40788" --> Word Count (125)
 UserId="40788" --> Word Count (6)
 UserId="40788" --> Word Count (1)
 UserId="20903" --> Word Count (151)
 UserId="20903" --> Word Count (5)
 UserId="20903" --> Word Count (1)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="45166" --> Word Count (175)
 UserId="53320" --> Word Count (139)
 UserId="53320" --> Word Count (7)
 UserId="53320" --> Word Count (1)

UserId="53320" Comment="added 25 characters in body" --> Word Count (146)
 UserId="15828" --> Word Count (133)
 UserId="53320" Comment="added 74 characters in body" --> Word Count (159)
 UserId="15828" Comment="added 537 characters in body" --> Word Count (238)
 UserId="15828" --> Word Count (53)
 UserId="15828" --> Word Count (7)
 UserId="15828" --> Word Count (1)
 UserId="40788" Comment="added 392 characters in body" --> Word Count (183)
 UserId="53326" --> Word Count (90)
 UserId="53326" --> Word Count (5)
 UserId="53326" --> Word Count (1)
 UserId="15828" Text="As mentioned by @Frankstr you want a tutorial on
 "character-level classification", not handwritten digit recognition as
 the one you have linked.

Character-level classification is
 typically done with an
 [RNN](https://en.wikipedia.org/wiki/Recurrent_neural_network) or a 1D
 [CNN](https://en.wikipedia.org/wiki/Convolutional_neural_network). See
 [this](https://github.com/johnb30/py_crepe) implementation of [Character-level
 Convolutional Networks for --> Word Count (137)
 UserId="15828" Comment="deleted 1 character in body" --> Word Count (238)
 UserId="32288" --> Word Count (122)
 UserId="32288" --> Word Count (5)
 UserId="32288" --> Word Count (1)
 UserId="15828" --> Word Count (276)
 UserId="38616" Comment="spelling and formatting" --> Word Count (663)
 UserId="29575" Comment="spelling and formatting" --> Word Count (661)
 UserId="15828" Comment="added 287 characters in body" --> Word Count (79)
 UserId="30482" Comment="Reformatted the question as to be clearer" --> Word
 Count (131)
 UserId="30482" Comment="Reformatted the question as to be clearer" --> Word
 Count (10)
 UserId="30482" Comment="Reformatted the question as to be clearer" --> Word
 Count (1)
 UserId="23159" --> Word Count (272)
 UserId="16853" --> Word Count (335)
 UserId="26187" --> Word Count (408)
 UserId="26187" --> Word Count (8)
 UserId="26187" --> Word Count (1)
 UserId="53318" --> Word Count (105)
 UserId="26019" --> Word Count (124)
 UserId="26019" --> Word Count (8)
 UserId="26019" --> Word Count (1)
 UserId="45064" Comment="added 258 characters in body" --> Word Count (197)
 UserId="44680" --> Word Count (449)
 UserId="44680" --> Word Count (4)
 UserId="44680" --> Word Count (1)
 UserId="52972" --> Word Count (29)
 UserId="52851" --> Word Count (144)

UserId="53352" --> Word Count (209)
 UserId="53352" --> Word Count (10)
 UserId="53352" --> Word Count (1)
 UserId="49017" --> Word Count (110)
 UserId="49017" --> Word Count (7)
 UserId="49017" --> Word Count (1)
 UserId="53354" --> Word Count (234)
 UserId="49017" Comment="added 243 characters in body" --> Word Count (160)
 UserId="52428" --> Word Count (129)
 UserId="41764" --> Word Count (116)
 UserId="28175" --> Word Count (156)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="14560" --> Word Count (140)
 UserId="28175" --> Word Count (127)
 UserId="14560" Comment="spelling" --> Word Count (143)
 UserId="28175" --> Word Count (401)
 UserId="28175" Comment="added 2 characters in body; edited tags" --> Word Count (106)
 UserId="28175" Comment="added 2 characters in body; edited tags" --> Word Count (1)
 UserId="30389" --> Word Count (58)
 UserId="30389" --> Word Count (5)
 UserId="30389" --> Word Count (1)
 UserId="28175" --> Word Count (198)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="53361" --> Word Count (423)
 UserId="53361" --> Word Count (7)
 UserId="53361" --> Word Count (1)
 UserId="45166" Comment="Grammar fixes, removing uninformative tags and adding relevant ones." --> Word Count (94)
 UserId="45166" Comment="Grammar fixes, removing uninformative tags and adding relevant ones." --> Word Count (1)
 UserId="53326" Comment="added 461 characters in body" --> Word Count (162)
 UserId="53362" --> Word Count (784)
 UserId="53366" --> Word Count (342)
 UserId="53366" --> Word Count (7)
 UserId="53366" --> Word Count (1)
 UserId="26019" Comment="added 1 character in body" --> Word Count (124)
 UserId="53151" --> Word Count (17)
 UserId="53361" Comment="edited body" --> Word Count (423)
 UserId="14560" Comment="deleted 15 characters in body" --> Word Count (141)
 UserId="53361" Comment="added 39 characters in body" --> Word Count (430)
 UserId="28175" --> Word Count (222)
 UserId="28175" --> Word Count (12)
 UserId="28175" --> Word Count (1)
 UserId="13406" --> Word Count (18)
 UserId="52089" --> Word Count (229)

UserId="52089" --> Word Count (90)
 UserId="52975" Comment="edited tags" --> Word Count (1)
 UserId="38802" --> Word Count (99)
 UserId="38802" --> Word Count (4)
 UserId="38802" --> Word Count (1)
 UserId="47906" --> Word Count (543)
 UserId="47906" --> Word Count (6)
 UserId="47906" --> Word Count (1)
 UserId="53381" --> Word Count (159)
 UserId="53381" --> Word Count (6)
 UserId="53381" --> Word Count (1)
 UserId="53383" --> Word Count (193)
 UserId="53383" --> Word Count (10)
 UserId="53383" --> Word Count (1)
 UserId="53223" --> Word Count (193)
 UserId="53384" --> Word Count (65)
 UserId="53357" --> Word Count (93)
 UserId="52719" --> Word Count (153)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="47380" --> Word Count (83)
 UserId="47380" --> Word Count (6)
 UserId="47380" --> Word Count (1)
 UserId="52089" --> Word Count (137)
 UserId="28175" --> Word Count (24)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="53283" --> Word Count (75)
 UserId="53283" --> Word Count (9)
 UserId="53283" --> Word Count (1)
 UserId="53387" --> Word Count (219)
 UserId="53387" --> Word Count (13)
 UserId="53387" --> Word Count (1)
 UserId="53390" --> Word Count (147)
 UserId="53390" --> Word Count (9)
 UserId="53390" --> Word Count (1)
 UserId="53391" --> Word Count (33)
 UserId="53390" Comment="edited title" --> Word Count (9)
 UserId="8646" --> Word Count (106)
 UserId="52786" --> Word Count (254)
 UserId="52786" --> Word Count (6)
 UserId="52786" --> Word Count (1)
 UserId="28175" Comment="deleted 2 characters in body; edited tags" --> Word Count (222)
 UserId="28175" Comment="deleted 2 characters in body; edited tags" --> Word Count (1)
 UserId="52994" --> Word Count (219)
 UserId="52994" --> Word Count (7)
 UserId="52994" --> Word Count (1)
 UserId="45064" --> Word Count (128)

UserId="42230" --> Word Count (85)
 UserId="42230" --> Word Count (3)
 UserId="42230" --> Word Count (1)
 UserId="52300" --> Word Count (76)
 UserId="52300" --> Word Count (6)
 UserId="52300" --> Word Count (1)
 UserId="43077" --> Word Count (153)
 UserId="43077" --> Word Count (8)
 UserId="43077" --> Word Count (1)
 UserId="43077" Comment="added 19 characters in body" --> Word Count (156)
 UserId="43077" Comment="added 56 characters in body" --> Word Count (67)
 UserId="52300" --> Word Count (64)
 UserId="53400" --> Word Count (71)
 UserId="53400" --> Word Count (35)
 UserId="53400" Comment="deleted 26 characters in body" --> Word Count (67)
 UserId="52089" --> Word Count (27)
 UserId="52300" Comment="added 26 characters in body" --> Word Count (80)
 UserId="52089" Comment="added 28 characters in body" --> Word Count (31)
 UserId="8560" --> Word Count (112)
 UserId="8560" --> Word Count (99)
 UserId="53399" --> Word Count (337)
 UserId="53399" --> Word Count (5)
 UserId="53399" --> Word Count (1)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="49278" --> Word Count (92)
 UserId="49278" --> Word Count (12)
 UserId="49278" --> Word Count (1)
 UserId="53411" --> Word Count (72)
 UserId="53399" Comment="deleted 47 characters in body" --> Word Count (327)
 UserId="29575" Comment="Minor formatting" --> Word Count (332)
 UserId="8560" --> Word Count (39)
 UserId="28175" Comment="added 1624 characters in body" --> Word Count (506)
 UserId="28175" Comment="added 24 characters in body" --> Word Count (509)
 UserId="28175" Comment="added 24 characters in body" --> Word Count (523)
 UserId="8560" Comment="added 1563 characters in body" --> Word Count (518)
 UserId="8560" Comment="added 1563 characters in body" --> Word Count (565)
 UserId="53418" --> Word Count (648)
 UserId="53418" --> Word Count (6)
 UserId="53418" --> Word Count (1)
 UserId="52089" --> Word Count (47)
 UserId="43077" --> Word Count (110)
 UserId="43077" Comment="added 156 characters in body" --> Word Count (166)
 UserId="43077" Comment="added 156 characters in body" --> Word Count (260)
 UserId="43077" Comment="added 156 characters in body" --> Word Count (255)
 UserId="53425" --> Word Count (66)
 UserId="53425" --> Word Count (5)
 UserId="53425" --> Word Count (1)

UserId="53372" --> Word Count (160)
 UserId="44884" --> Word Count (105)
 UserId="44884" --> Word Count (10)
 UserId="44884" --> Word Count (1)
 UserId="53435" --> Word Count (35)
 UserId="52300" --> Word Count (128)
 UserId="52300" --> Word Count (8)
 UserId="52300" --> Word Count (1)
 UserId="52300" Comment="deleted 28 characters in body; edited tags" --> Word Count (76)
 UserId="52300" Comment="deleted 28 characters in body; edited tags" --> Word Count (1)
 UserId="43077" Comment="added 137 characters in body" --> Word Count (304)
 UserId="53439" --> Word Count (292)
 UserId="53439" --> Word Count (12)
 UserId="53439" --> Word Count (1)
 UserId="24883" --> Word Count (592)
 UserId="24883" --> Word Count (5)
 UserId="24883" --> Word Count (1)
 UserId="44456" --> Word Count (121)
 UserId="26394" --> Word Count (75)
 UserId="52994" Comment="added 84 characters in body" --> Word Count (219)
 UserId="53387" Comment="Made recommendations from a comment" --> Word Count (273)
 UserId="44456" Comment="added 318 characters in body" --> Word Count (136)
 UserId="43077" --> Word Count (87)
 UserId="43077" Comment="added 84 characters in body" --> Word Count (100)
 UserId="52994" --> Word Count (136)
 UserId="52994" --> Word Count (8)
 UserId="52994" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (396)
 UserId="29575" Comment="Minor formatting" --> Word Count (1)
 UserId="29575" --> Word Count (404)
 UserId="29575" Comment="Minor grammar" --> Word Count (402)
 UserId="53449" --> Word Count (156)
 UserId="53449" --> Word Count (6)
 UserId="53449" --> Word Count (1)
 UserId="53449" Comment="deleted 8 characters in body" --> Word Count (156)
 UserId="53451" --> Word Count (83)
 UserId="53451" --> Word Count (5)
 UserId="53451" --> Word Count (1)
 UserId="38657" --> Word Count (203)
 UserId="31610" --> Word Count (94)
 UserId="31610" --> Word Count (8)
 UserId="31610" --> Word Count (1)
 UserId="53372" --> Word Count (61)
 UserId="38657" Comment="added 123 characters in body" --> Word Count (229)
 UserId="8560" --> Word Count (410)

UserId="8560" --> Word Count (197)
 UserId="8560" --> Word Count (140)
 UserId="53425" Comment="added 363 characters in body" --> Word Count (119)
 UserId="26394" Comment="edits 2" --> Word Count (142)
 UserId="33605" --> Word Count (42)
 UserId="33605" --> Word Count (5)
 UserId="33605" --> Word Count (1)
 UserId="8560" --> Word Count (60)
 UserId="43077" --> Word Count (162)
 UserId="43077" --> Word Count (8)
 UserId="43077" --> Word Count (1)
 UserId="43077" Comment="added 84 characters in body" --> Word Count (319)
 UserId="53411" Comment="improved answer with better terminologies" --> Word Count (68)
 UserId="52879" Comment="Add more information" --> Word Count (508)
 UserId="51659" --> Word Count (252)
 UserId="53278" --> Word Count (411)
 UserId="53278" --> Word Count (10)
 UserId="53278" --> Word Count (1)
 UserId="53464" --> Word Count (348)
 UserId="53464" --> Word Count (4)
 UserId="53464" --> Word Count (1)
 UserId="52428" --> Word Count (144)
 UserId="50192" --> Word Count (50)
 UserId="50192" --> Word Count (11)
 UserId="50192" --> Word Count (1)
 UserId="53464" Comment="added 41 characters in body" --> Word Count (354)
 UserId="53467" --> Word Count (932)
 UserId="53467" --> Word Count (14)
 UserId="53467" --> Word Count (1)
 UserId="33658" --> Word Count (23)
 UserId="53361" Comment="edited body" --> Word Count (430)
 UserId="3357" Comment="deleted 21 characters in body" --> Word Count (234)
 UserId="45264" --> Word Count (313)
 UserId="23204" --> Word Count (52)
 UserId="33605" Comment="added 345 characters in body" --> Word Count (77)
 UserId="33605" Comment="edited tags" --> Word Count (1)
 UserId="45264" --> Word Count (175)
 UserId="53479" --> Word Count (59)
 UserId="38657" Comment="added 33 characters in body" --> Word Count (238)
 UserId="53137" --> Word Count (108)
 UserId="53137" --> Word Count (8)
 UserId="53137" --> Word Count (1)
 UserId="53400" --> Word Count (86)
 UserId="53400" --> Word Count (73)
 UserId="51262" --> Word Count (210)
 UserId="51262" --> Word Count (7)
 UserId="51262" --> Word Count (1)

UserId="33733" --> Word Count (53)
 UserId="33733" --> Word Count (9)
 UserId="33733" --> Word Count (1)
 UserId="53400" Comment="edited body" --> Word Count (73)
 UserId="53400" Comment="added 104 characters in body" --> Word Count (103)
 UserId="53486" --> Word Count (197)
 UserId="53486" --> Word Count (11)
 UserId="53486" --> Word Count (1)
 UserId="42498" --> Word Count (52)
 UserId="42498" --> Word Count (17)
 UserId="42498" --> Word Count (1)
 UserId="41927" Comment="Changed variable name in order not to overwrite imported module" --> Word Count (208)
 UserId="53489" --> Word Count (358)
 UserId="53489" --> Word Count (4)
 UserId="53489" --> Word Count (1)
 UserId="33605" Comment="added 21 characters in body" --> Word Count (79)
 UserId="53361" --> Word Count (238)
 UserId="51262" Comment="edited title" --> Word Count (7)
 UserId="53361" Comment="deleted 3 characters in body" --> Word Count (237)
 UserId="52726" --> Word Count (119)
 UserId="52726" --> Word Count (3)
 UserId="52726" --> Word Count (1)
 UserId="45374" --> Word Count (40)
 UserId="45264" Comment="Disclaimer that information was a snapshot of the time I posted it." --> Word Count (553)
 UserId="53498" --> Word Count (860)
 UserId="53498" --> Word Count (6)
 UserId="53498" --> Word Count (1)
 UserId="53497" --> Word Count (169)
 UserId="53497" --> Word Count (9)
 UserId="53497" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="44477" --> Word Count (215)
 UserId="44477" --> Word Count (10)
 UserId="44477" --> Word Count (1)
 UserId="23334" --> Word Count (216)
 UserId="23334" --> Word Count (5)
 UserId="23334" --> Word Count (1)
 UserId="52300" --> Word Count (89)
 UserId="42829" --> Word Count (173)
 UserId="51262" --> Word Count (326)
 UserId="53467" Comment="fixed minor bug in the code, added some output of an experiment" --> Word Count (1017)
 UserId="51262" Comment="edited title" --> Word Count (8)
 UserId="53467" Comment="fixed minor bug in the code, added some output of an experiment" --> Word Count (1015)
 UserId="43472" --> Word Count (263)

UserId="53505" --> Word Count (150)
 UserId="53505" --> Word Count (4)
 UserId="53505" --> Word Count (1)
 UserId="53504" --> Word Count (1131)
 UserId="53504" --> Word Count (13)
 UserId="53504" --> Word Count (1)
 UserId="53489" Comment="added 206 characters in body" --> Word Count (383)
 UserId="53489" Comment="added 144 characters in body" --> Word Count (410)
 UserId="53489" Comment="added 615 characters in body" --> Word Count (485)
 UserId="53507" --> Word Count (1)
 UserId="53507" --> Word Count (17)
 UserId="53507" --> Word Count (1)
 UserId="28035" Comment="added language formatting" --> Word Count (670)
 UserId="46749" --> Word Count (163)
 UserId="52719" --> Word Count (123)
 UserId="33819" --> Word Count (45)
 UserId="28175" Comment="added 600 characters in body" --> Word Count (617)
 UserId="28175" Comment="added 600 characters in body" --> Word Count (10)
 UserId="13370" --> Word Count (65)
 UserId="52719" Comment="added 2222 characters in body" --> Word Count (804)
 UserId="52719" Comment="added 220 characters in body" --> Word Count (838)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (42)
 UserId="52719" Comment="added 93 characters in body" --> Word Count (853)
 UserId="53512" --> Word Count (51)
 UserId="53512" --> Word Count (12)
 UserId="53512" --> Word Count (1)
 UserId="53498" Comment="added 28 characters in body" --> Word Count (863)
 UserId="53400" --> Word Count (75)
 UserId="51659" Comment="added 184 characters in body" --> Word Count (284)
 UserId="52719" --> Word Count (102)
 UserId="52719" Comment="I suspect that colon is a typo of column. " --> Word Count (10)
 UserId="29575" Comment="I suspect that colon is a typo of column. " --> Word Count (618)
 UserId="52719" Comment="added 44 characters in body" --> Word Count (109)
 UserId="52719" --> Word Count (109)
 UserId="53516" --> Word Count (362)
 UserId="53516" --> Word Count (20)
 UserId="53516" --> Word Count (1)
 UserId="33934" --> Word Count (57)
 UserId="53516" Comment="deleted 853 characters in body" --> Word Count (227)
 UserId="53516" Comment="added 82 characters in body" --> Word Count (246)
 UserId="53518" --> Word Count (24)
 UserId="29575" Comment="Fix typo" --> Word Count (24)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (43)
 UserId="53516" Comment="added 1773 characters in body" --> Word Count (554)
 UserId="53516" Comment="added 77 characters in body" --> Word Count (567)
 UserId="52500" --> Word Count (112)

UserId="52500" --> Word Count (10)
 UserId="52500" --> Word Count (1)
 UserId="44074" --> Word Count (680)
 UserId="44074" --> Word Count (13)
 UserId="44074" --> Word Count (1)
 UserId="44074" --> Word Count (29)
 UserId="44808" --> Word Count (160)
 UserId="44808" --> Word Count (9)
 UserId="44808" --> Word Count (1)
 UserId="52428" Comment="Update." --> Word Count (238)
 UserId="47403" --> Word Count (58)
 UserId="47403" --> Word Count (11)
 UserId="47403" --> Word Count (1)
 UserId="924" --> Word Count (48)
 UserId="924" --> Word Count (75)
 UserId="53400" --> Word Count (124)
 UserId="53400" --> Word Count (25)
 UserId="38256" --> Word Count (97)
 UserId="38256" --> Word Count (6)
 UserId="38256" --> Word Count (1)
 UserId="50852" --> Word Count (61)
 UserId="50852" --> Word Count (13)
 UserId="50852" --> Word Count (1)
 UserId="53400" --> Word Count (271)
 UserId="42498" --> Word Count (190)
 UserId="53400" Comment="added 136 characters in body" --> Word Count (292)
 UserId="23708" --> Word Count (37)
 UserId="50727" --> Word Count (175)
 UserId="40853" Comment="Improved Formatting" --> Word Count (297)
 UserId="50739" --> Word Count (303)
 UserId="43472" Comment="Added more explanations relevant to the specifics of the OP's question." --> Word Count (376)
 UserId="52089" --> Word Count (188)
 UserId="38256" Comment="added 401 characters in body" --> Word Count (160)
 UserId="49354" --> Word Count (32)
 UserId="49354" --> Word Count (7)
 UserId="49354" --> Word Count (1)
 UserId="52089" --> Word Count (44)
 UserId="50727" --> Word Count (239)
 UserId="43472" Comment="added 204 characters in body" --> Word Count (395)
 UserId="52089" --> Word Count (81)
 UserId="41058" --> Word Count (98)
 UserId="41058" --> Word Count (7)
 UserId="41058" --> Word Count (1)
 UserId="50727" Comment="added 2 characters in body; edited tags" --> Word Count (62)
 UserId="50727" Comment="added 2 characters in body; edited tags" --> Word Count (1)

UserId="45264" --> Word Count (165)
 UserId="52089" --> Word Count (161)
 UserId="52089" --> Word Count (14)
 UserId="52089" --> Word Count (1)
 UserId="53534" --> Word Count (18)
 UserId="53534" --> Word Count (4)
 UserId="53534" --> Word Count (1)
 UserId="50727" --> Word Count (69)
 UserId="53477" --> Word Count (61)
 UserId="53477" --> Word Count (13)
 UserId="53477" --> Word Count (1)
 UserId="29134" --> Word Count (349)
 UserId="45264" --> Word Count (143)
 UserId="45264" --> Word Count (334)
 UserId="53535" --> Word Count (125)
 UserId="53535" --> Word Count (12)
 UserId="53535" --> Word Count (1)
 UserId="53114" --> Word Count (191)
 UserId="53114" --> Word Count (7)
 UserId="53114" --> Word Count (1)
 UserId="38377" --> Word Count (168)
 UserId="38377" --> Word Count (8)
 UserId="38377" --> Word Count (1)
 UserId="50727" Comment="edited tags" --> Word Count (1)
 UserId="53137" --> Word Count (150)
 UserId="41929" --> Word Count (180)
 UserId="50727" Comment="edited tags" --> Word Count (1)
 UserId="41929" Comment="added 93 characters in body" --> Word Count (193)
 UserId="53266" --> Word Count (50)
 UserId="53266" --> Word Count (6)
 UserId="53266" --> Word Count (1)
 UserId="53543" --> Word Count (544)
 UserId="53543" --> Word Count (6)
 UserId="53543" --> Word Count (1)
 UserId="45264" --> Word Count (366)
 UserId="11" --> Word Count (365)
 UserId="11" --> Word Count (6)
 UserId="11" --> Word Count (1)
 UserId="53376" --> Word Count (105)
 UserId="53376" --> Word Count (3)
 UserId="53376" --> Word Count (1)
 UserId="45264" Comment="Added link " --> Word Count (360)
 UserId="45166" --> Word Count (370)
 UserId="50363" --> Word Count (103)
 UserId="52719" --> Word Count (122)
 UserId="53400" Comment="added 489 characters in body" --> Word Count (113)
 UserId="53400" Comment="added 413 characters in body" --> Word Count (176)
 UserId="53003" --> Word Count (33)

UserId="53400" Comment="added 2 characters in body" --> Word Count (162)
 UserId="53400" Comment="deleted 1 character in body" --> Word Count (103)
 UserId="53553" --> Word Count (62)
 UserId="53553" --> Word Count (8)
 UserId="53553" --> Word Count (1)
 UserId="53555" --> Word Count (249)
 UserId="53555" --> Word Count (4)
 UserId="53555" --> Word Count (1)
 UserId="52089" --> Word Count (158)
 UserId="13301" --> Word Count (146)
 UserId="13301" --> Word Count (9)
 UserId="13301" --> Word Count (1)
 UserId="52719" --> Word Count (103)
 UserId="49135" --> Word Count (71)
 UserId="52719" Comment="added 3 characters in body" --> Word Count (120)
 UserId="52089" --> Word Count (169)
 UserId="53560" --> Word Count (95)
 UserId="53560" --> Word Count (5)
 UserId="53560" --> Word Count (1)
 UserId="43077" Comment="added 4 characters in body" --> Word Count (319)
 UserId="50739" Comment="added 302 characters in body" --> Word Count (338)
 UserId="53283" --> Word Count (86)
 UserId="53283" --> Word Count (7)
 UserId="53283" --> Word Count (1)
 UserId="52089" --> Word Count (52)
 UserId="52089" Comment="added 24 characters in body" --> Word Count (55)
 UserId="45264" Comment="added R tag" --> Word Count (1)
 UserId="45264" Comment="Added link and acronym expansion" --> Word Count (64)
 UserId="45264" Comment="Added link and acronym expansion" --> Word Count (15)
 UserId="29575" Comment="Fix typo" --> Word Count (10)
 UserId="52089" --> Word Count (140)
 UserId="28175" Comment="added 2391 characters in body" --> Word Count (461)
 UserId="53400" Comment="deleted 78 characters in body" --> Word Count (161)
 UserId="53565" --> Word Count (71)
 UserId="53565" --> Word Count (5)
 UserId="53565" --> Word Count (1)
 UserId="53565" Comment="added 59 characters in body" --> Word Count (80)
 UserId="28175" Comment="added 232 characters in body" --> Word Count (501)
 UserId="8560" --> Word Count (844)
 UserId="29169" --> Word Count (56)
 UserId="29169" --> Word Count (8)
 UserId="29169" --> Word Count (1)
 UserId="52089" --> Word Count (314)
 UserId="53575" --> Word Count (36)
 UserId="53575" --> Word Count (9)
 UserId="53575" --> Word Count (1)
 UserId="52089" --> Word Count (18)
 UserId="52089" Comment="added 193 characters in body" --> Word Count (53)

UserId="52089" Comment="added 16 characters in body" --> Word Count (316)
 UserId="52089" --> Word Count (24)
 UserId="53566" Comment="Update link to the DVC site" --> Word Count (261)
 UserId="8560" --> Word Count (61)
 UserId="8560" --> Word Count (20)
 UserId="53534" Comment="added 157 characters in body" --> Word Count (59)
 UserId="33166" --> Word Count (247)
 UserId="33166" --> Word Count (5)
 UserId="33166" --> Word Count (1)
 UserId="53581" --> Word Count (198)
 UserId="53581" --> Word Count (8)
 UserId="53581" --> Word Count (1)
 UserId="52428" --> Word Count (65)
 UserId="38636" Comment="added 14 characters in body" --> Word Count (135)
 UserId="52428" Comment="added 6 characters in body" --> Word Count (66)
 UserId="44456" Comment="deleted 2 characters in body" --> Word Count (465)
 UserId="44456" --> Word Count (479)
 UserId="53400" --> Word Count (303)
 UserId="53400" Comment="deleted 1 character in body" --> Word Count (306)
 UserId="-1" Comment="103" --> Word Count (2)
 UserId="-1" Comment="103" --> Word Count (2)
 UserId="-1" Comment="103" --> Word Count (2)
 UserId="-1" Comment="104" --> Word Count (2)
 UserId="53400" Comment="deleted 1 character in body" --> Word Count (308)
 UserId="-1" Comment="104" --> Word Count (2)
 UserId="50727" --> Word Count (111)
 UserId="53543" --> Word Count (210)
 UserId="53587" --> Word Count (91)
 UserId="53587" --> Word Count (14)
 UserId="53587" --> Word Count (1)
 UserId="52428" Comment="Updated answer" --> Word Count (144)
 UserId="2893" --> Word Count (371)
 UserId="2893" --> Word Count (7)
 UserId="2893" --> Word Count (1)
 UserId="32402" --> Word Count (39)
 UserId="32402" Comment="added 133 characters in body" --> Word Count (61)
 UserId="53400" Comment="added 2 characters in body" --> Word Count (309)
 UserId="46527" --> Word Count (52)
 UserId="42498" --> Word Count (175)
 UserId="42498" --> Word Count (10)
 UserId="42498" --> Word Count (1)
 UserId="45264" --> Word Count (484)
 UserId="39590" --> Word Count (153)
 UserId="39590" --> Word Count (6)
 UserId="39590" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (203)
 UserId="29575" Comment="Minor formatting" --> Word Count (1)
 UserId="45264" --> Word Count (231)

UserId="49354" --> Word Count (19)
 UserId="49354" --> Word Count (5)
 UserId="49354" --> Word Count (1)
 UserId="39590" Comment="briefly explanation" --> Word Count (182)
 UserId="53477" --> Word Count (52)
 UserId="53477" --> Word Count (5)
 UserId="53477" --> Word Count (1)
 UserId="9314" --> Word Count (312)
 UserId="29575" Comment="indent code so shows correctly" --> Word Count (223)
 UserId="53477" Comment="added 2 characters in body" --> Word Count (52)
 UserId="29134" --> Word Count (61)
 UserId="49354" Comment="added 3 characters in body" --> Word Count (20)
 UserId="29134" --> Word Count (70)
 UserId="52089" --> Word Count (50)
 UserId="53600" --> Word Count (56)
 UserId="53600" --> Word Count (11)
 UserId="53600" --> Word Count (1)
 UserId="53600" Comment="edited title" --> Word Count (11)
 UserId="45264" Comment="added link to references literature and amended equation to match that in the paper." --> Word Count (66)
 UserId="53497" Comment="Added further explanations of what my data consists and added further explanations of my problems and ideas" --> Word Count (310)
 UserId="45264" --> Word Count (127)
 UserId="45264" Comment="Corrected typos." --> Word Count (126)
 UserId="29134" Comment="Added code for a better explainantion " --> Word Count (743)
 UserId="35935" --> Word Count (43)
 UserId="35935" --> Word Count (13)
 UserId="35935" --> Word Count (1)
 UserId="45264" --> Word Count (109)
 UserId="45064" --> Word Count (42)
 UserId="53400" Comment="The completion of the quoted question is added" --> Word Count (101)
 UserId="53400" Comment="The completion of the quoted question is added" --> Word Count (1)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="21" Comment="102" --> Word Count (3)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="53400" Comment="edited body" --> Word Count (310)
 UserId="21" Comment="105" --> Word Count (3)
 UserId="21" --> Word Count (2)
 UserId="49542" --> Word Count (79)
 UserId="49542" --> Word Count (12)
 UserId="49542" --> Word Count (1)
 UserId="53607" --> Word Count (166)
 UserId="53607" --> Word Count (6)
 UserId="53607" --> Word Count (1)
 UserId="27279" --> Word Count (399)

UserId="27279" --> Word Count (8)
 UserId="27279" --> Word Count (1)
 UserId="52089" --> Word Count (111)
 UserId="5179" --> Word Count (205)
 UserId="50727" Comment="edited tags" --> Word Count (1)
 UserId="45264" --> Word Count (399)
 UserId="38751" --> Word Count (65)
 UserId="53613" --> Word Count (50)
 UserId="53613" --> Word Count (5)
 UserId="53613" --> Word Count (1)
 UserId="51141" --> Word Count (133)
 UserId="51141" --> Word Count (8)
 UserId="51141" --> Word Count (1)
 UserId="50363" --> Word Count (182)
 UserId="51878" --> Word Count (48)
 UserId="51878" --> Word Count (7)
 UserId="51878" --> Word Count (1)
 UserId="53266" --> Word Count (126)
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 UserId="53266" --> Word Count (1)
 UserId="45264" --> Word Count (339)
 UserId="32402" Comment="added 2 characters in body" --> Word Count (64)
 UserId="45264" --> Word Count (490)
 UserId="37664" --> Word Count (118)
 UserId="37664" --> Word Count (10)
 UserId="37664" --> Word Count (1)
 UserId="51812" --> Word Count (117)
 UserId="51812" Comment="added 88 characters in body" --> Word Count (124)
 UserId="42519" --> Word Count (147)
 UserId="42519" --> Word Count (8)
 UserId="42519" --> Word Count (1)
 UserId="35654" --> Word Count (55)
 UserId="51812" --> Word Count (67)
 UserId="45264" --> Word Count (293)
 UserId="924" --> Word Count (39)
 UserId="51812" --> Word Count (75)
 UserId="33819" Comment="added 1 character in body" --> Word Count (42)
 UserId="52719" --> Word Count (124)
 UserId="52719" --> Word Count (74)
 UserId="29587" --> Word Count (246)
 UserId="29575" Comment="Fix typo" --> Word Count (75)
 UserId="53629" --> Word Count (183)
 UserId="53629" Comment="added 345 characters in body" --> Word Count (241)
 UserId="44380" --> Word Count (114)
 UserId="-1" Comment="The formula should be final value (FV) / beginning value (PV) - I have changed this to reflect." --> Word Count (260)
 UserId="53629" Comment="deleted 20 characters in body" --> Word Count (237)
 UserId="47832" --> Word Count (149)

UserId="47832" --> Word Count (6)
 UserId="47832" --> Word Count (1)
 UserId="15496" --> Word Count (129)
 UserId="53535" --> Word Count (98)
 UserId="53535" --> Word Count (9)
 UserId="53535" --> Word Count (1)
 UserId="52840" --> Word Count (54)
 UserId="52428" --> Word Count (31)
 UserId="53582" --> Word Count (171)
 UserId="50727" --> Word Count (106)
 UserId="50727" --> Word Count (3)
 UserId="50727" --> Word Count (1)
 UserId="52089" --> Word Count (80)
 UserId="53400" --> Word Count (120)
 UserId="29412" --> Word Count (67)
 UserId="29412" --> Word Count (11)
 UserId="29412" --> Word Count (1)
 UserId="53582" Comment="added 3 characters in body" --> Word Count (171)
 UserId="53400" Comment="deleted 1 character in body" --> Word Count (120)
 UserId="44139" --> Word Count (622)
 UserId="44139" --> Word Count (23)
 UserId="44139" --> Word Count (1)
 UserId="45264" Comment="clarified embedding versus mapping within given definition." --> Word Count (360)
 UserId="44139" Comment="Posted code for creating model" --> Word Count (702)
 UserId="44139" Comment="added 433 characters in body" --> Word Count (771)
 UserId="45264" --> Word Count (1058)
 UserId="45264" Comment="added 303 characters in body" --> Word Count (1099)
 UserId="30137" --> Word Count (72)
 UserId="30137" --> Word Count (4)
 UserId="30137" --> Word Count (1)
 UserId="45264" --> Word Count (270)
 UserId="30137" Comment="deleted 4 characters in body" --> Word Count (79)
 UserId="53653" --> Word Count (5)
 UserId="53652" --> Word Count (149)
 UserId="53652" --> Word Count (8)
 UserId="53652" --> Word Count (1)
 UserId="53642" Comment="Add two different MAP computation ways before and after voc2010" --> Word Count (934)
 UserId="53604" --> Word Count (139)
 UserId="53604" --> Word Count (10)
 UserId="53604" --> Word Count (1)
 UserId="52089" --> Word Count (59)
 UserId="45264" --> Word Count (303)
 UserId="52089" --> Word Count (12)
 UserId="52089" Comment="added 162 characters in body" --> Word Count (89)
 UserId="53648" --> Word Count (83)
 UserId="53648" --> Word Count (6)

UserId="53648" --> Word Count (1)
 UserId="53662" --> Word Count (150)
 UserId="53662" --> Word Count (7)
 UserId="53662" --> Word Count (1)
 UserId="53664" --> Word Count (136)
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 UserId="53664" --> Word Count (1)
 UserId="50363" --> Word Count (278)
 UserId="52719" --> Word Count (182)
 UserId="15828" --> Word Count (294)
 UserId="53664" Comment="added 21 characters in body" --> Word Count (140)
 UserId="53278" Comment="removed the unnecessary Matlab code as the question is a general one" --> Word Count (89)
 UserId="53278" Comment="removed the unnecessary Matlab code as the question is a general one" --> Word Count (1)
 UserId="29134" --> Word Count (190)
 UserId="53001" --> Word Count (151)
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 UserId="9988" --> Word Count (57)
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 UserId="9988" --> Word Count (1)
 UserId="53675" --> Word Count (87)
 UserId="53675" --> Word Count (7)
 UserId="53675" --> Word Count (1)
 UserId="53677" --> Word Count (17)
 UserId="53677" --> Word Count (7)
 UserId="53677" --> Word Count (1)
 UserId="924" --> Word Count (56)
 UserId="15828" Comment="deleted 576 characters in body" --> Word Count (65)
 UserId="33934" --> Word Count (39)
 UserId="53679" --> Word Count (45)
 UserId="53682" --> Word Count (17)
 UserId="53682" --> Word Count (7)
 UserId="53682" --> Word Count (1)
 UserId="53681" --> Word Count (86)
 UserId="53681" --> Word Count (8)
 UserId="53681" --> Word Count (1)
 UserId="53681" Comment="added 105 characters in body" --> Word Count (105)
 UserId="13413" Comment="Edited for wc/clarity" --> Word Count (167)
 UserId="29587" --> Word Count (67)
 UserId="29587" Comment="added 4 characters in body" --> Word Count (17)
 UserId="15496" --> Word Count (55)
 UserId="53576" --> Word Count (227)
 UserId="53576" --> Word Count (8)
 UserId="53576" --> Word Count (1)
 UserId="26629" --> Word Count (22)
 UserId="29575" Comment="Minor formatting" --> Word Count (22)

UserId="50727" Comment="edited tags" --> Word Count (1)
UserId="50727" --> Word Count (35)
UserId="29412" --> Word Count (153)
UserId="50727" --> Word Count (62)
UserId="50727" --> Word Count (3)
UserId="50727" --> Word Count (1)
UserId="3443" --> Word Count (52)
UserId="3443" --> Word Count (14)
UserId="3443" --> Word Count (1)
UserId="45264" --> Word Count (553)
UserId="47265" --> Word Count (485)
UserId="47265" --> Word Count (13)
UserId="47265" --> Word Count (1)
UserId="51399" --> Word Count (161)
UserId="51399" --> Word Count (6)
UserId="51399" --> Word Count (1)
UserId="53400" Comment="via Vote" --> Word Count (1)
UserId="53400" --> Word Count (1)
UserId="52089" --> Word Count (18)
UserId="52089" Comment="via Vote" --> Word Count (1)
UserId="52089" --> Word Count (1)
UserId="47615" Comment="Fix first link" --> Word Count (190)
UserId="3443" Comment="added 335 characters in body" --> Word Count (80)
UserId="45264" --> Word Count (119)
UserId="53400" Comment="added 574 characters in body" --> Word Count (147)
UserId="50727" --> Word Count (63)
UserId="50727" --> Word Count (90)
UserId="45264" --> Word Count (325)
UserId="29412" Comment="added 87 characters in body" --> Word Count (153)
UserId="50727" --> Word Count (124)
UserId="50727" Comment="edited tags" --> Word Count (1)
UserId="53400" Comment="added 354 characters in body" --> Word Count (175)
UserId="45264" Comment="Added newlines as equal signs to make it easier to read"
--> Word Count (62)
UserId="53400" Comment="added 1369 characters in body" --> Word Count (396)
UserId="52196" --> Word Count (187)
UserId="52196" --> Word Count (7)
UserId="52196" --> Word Count (1)
UserId="53400" Comment="added 473 characters in body" --> Word Count (468)
UserId="53400" Comment="added 8 characters in body" --> Word Count (470)
UserId="45264" --> Word Count (396)
UserId="3443" Comment="added 362 characters in body" --> Word Count (108)
UserId="29134" --> Word Count (167)
UserId="45264" Comment="addedlink for python version" --> Word Count (409)
UserId="9257" --> Word Count (117)
UserId="9257" --> Word Count (7)
UserId="9257" --> Word Count (1)
UserId="10640" Comment="Note removed (as it doesn't seem to be necessary

anymore)" --> Word Count (35)
 UserId="53400" Comment="added 2 characters in body" --> Word Count (470)
 UserId="44484" --> Word Count (28)
 UserId="44484" --> Word Count (5)
 UserId="44484" --> Word Count (1)
 UserId="29412" --> Word Count (200)
 UserId="29412" --> Word Count (87)
 UserId="29412" --> Word Count (47)
 UserId="29412" --> Word Count (60)
 UserId="53689" --> Word Count (84)
 UserId="53689" --> Word Count (8)
 UserId="53689" --> Word Count (1)
 UserId="29412" --> Word Count (49)
 UserId="53648" --> Word Count (16)
 UserId="45264" --> Word Count (152)
 UserId="50727" Comment="added 343 characters in body" --> Word Count (119)
 UserId="45264" --> Word Count (155)
 UserId="29412" --> Word Count (20)
 UserId="29412" --> Word Count (104)
 UserId="45264" Comment="added tags" --> Word Count (1)
 UserId="29412" Comment="added 149 characters in body" --> Word Count (113)
 UserId="53721" --> Word Count (129)
 UserId="53721" --> Word Count (8)
 UserId="53721" --> Word Count (1)
 UserId="29412" --> Word Count (38)
 UserId="29134" --> Word Count (40)
 UserId="29412" --> Word Count (65)
 UserId="47403" --> Word Count (775)
 UserId="47403" --> Word Count (12)
 UserId="47403" --> Word Count (1)
 UserId="30137" Comment="added 117 characters in body" --> Word Count (97)
 UserId="52726" Comment="added 263 characters in body" --> Word Count (101)
 UserId="53731" --> Word Count (472)
 UserId="53731" --> Word Count (13)
 UserId="53731" --> Word Count (1)
 UserId="53732" --> Word Count (579)
 UserId="52726" Comment="added 5 characters in body" --> Word Count (105)
 UserId="32121" --> Word Count (174)
 UserId="53734" --> Word Count (65)
 UserId="53734" --> Word Count (8)
 UserId="53734" --> Word Count (1)
 UserId="53735" --> Word Count (300)
 UserId="53735" --> Word Count (11)
 UserId="53735" --> Word Count (1)
 UserId="52089" Comment="Changed ambiguous abbreviation in title to make it clear" --> Word Count (10)
 UserId="52713" --> Word Count (93)
 UserId="43077" Comment="added 1 character in body" --> Word Count (121)

UserId="52300" --> Word Count (155)
UserId="924" --> Word Count (168)
UserId="53744" --> Word Count (102)
UserId="53744" --> Word Count (4)
UserId="53744" --> Word Count (1)
UserId="18375" Comment="fix spelling" --> Word Count (163)
UserId="18375" Comment="fix spelling" --> Word Count (7)
UserId="51399" --> Word Count (39)
UserId="51399" --> Word Count (7)
UserId="51399" --> Word Count (1)
UserId="52300" Comment="added 27 characters in body" --> Word Count (161)
UserId="53752" --> Word Count (91)
UserId="53752" --> Word Count (10)
UserId="53752" --> Word Count (1)
UserId="53758" --> Word Count (219)
UserId="53758" --> Word Count (112)
UserId="53758" Comment="added 156 characters in body" --> Word Count (142)
UserId="47403" Comment="deleted 1060 characters in body" --> Word Count (672)
UserId="29587" --> Word Count (103)
UserId="53761" --> Word Count (373)
UserId="53761" --> Word Count (9)
UserId="53761" --> Word Count (1)
UserId="53763" --> Word Count (1166)
UserId="53763" --> Word Count (9)
UserId="53763" --> Word Count (1)
UserId="52300" Comment="added 228 characters in body" --> Word Count (175)
UserId="35644" --> Word Count (61)
UserId="35644" Comment="deleted 4 characters in body" --> Word Count (60)
UserId="53761" Comment="added reasoning" --> Word Count (443)
UserId="43077" --> Word Count (168)
UserId="53767" --> Word Count (46)
UserId="53767" --> Word Count (10)
UserId="53767" --> Word Count (1)
UserId="29587" --> Word Count (97)
UserId="53770" --> Word Count (133)
UserId="53770" --> Word Count (19)
UserId="53770" --> Word Count (1)
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UserId="26019" --> Word Count (15)
UserId="26019" --> Word Count (1)
UserId="26394" --> Word Count (116)
UserId="50727" Comment="edited tags" --> Word Count (1)
UserId="52300" --> Word Count (195)
UserId="52300" Comment="added 173 characters in body" --> Word Count (224)
UserId="52300" Comment="added 269 characters in body" --> Word Count (244)
UserId="52300" Comment="added 6 characters in body" --> Word Count (175)
UserId="40853" --> Word Count (189)
UserId="40853" Comment="Improved Formatting" --> Word Count (145)

UserId="40853" Comment="deleted 15 characters in body" --> Word Count (123)
UserId="53780" --> Word Count (625)
UserId="53780" --> Word Count (22)
UserId="53780" --> Word Count (1)
UserId="52300" Comment="added 19 characters in body" --> Word Count (248)
UserId="52588" --> Word Count (21)
UserId="52588" --> Word Count (5)
UserId="52588" --> Word Count (1)
UserId="28175" --> Word Count (74)
UserId="28175" Comment="added 4 characters in body; edited tags" --> Word Count (20)
UserId="28175" Comment="added 4 characters in body; edited tags" --> Word Count (1)
UserId="32402" --> Word Count (83)
UserId="9257" --> Word Count (72)
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UserId="53789" --> Word Count (9)
UserId="53789" --> Word Count (1)
UserId="53790" --> Word Count (56)
UserId="53793" --> Word Count (64)
UserId="53789" Comment="added 1 character in body" --> Word Count (285)
UserId="27222" --> Word Count (146)
UserId="27222" --> Word Count (10)
UserId="27222" --> Word Count (1)
UserId="53796" --> Word Count (154)
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UserId="53796" --> Word Count (1)
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 UserId="6550" Comment="f was previously undefined, restructure, divergence is not necessarily a distance" --> Word Count (185)
 UserId="45264" Comment="f was previously undefined, restructure, divergence is not necessarily a distance" --> Word Count (239)
 UserId="45264" --> Word Count (336)
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 UserId="47730" --> Word Count (1)
 UserId="39223" Comment="add solution" --> Word Count (162)
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 UserId="27665" --> Word Count (1)
 UserId="8820" Comment="added 102 characters in body" --> Word Count (129)
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 text.

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 UserId="53799" --> Word Count (1)
 UserId="43077" Comment="added 197 characters in body" --> Word Count (168)
 UserId="39223" --> Word Count (206)
 UserId="39223" --> Word Count (19)
 UserId="39223" --> Word Count (1)
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 UserId="39223" Comment="more experiments" --> Word Count (398)
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 UserId="38751" --> Word Count (22)
 UserId="44139" --> Word Count (96)
 UserId="29412" Comment="added information about HMM." --> Word Count (73)
 UserId="53582" --> Word Count (82)
 UserId="53864" --> Word Count (34)
 UserId="53864" --> Word Count (4)
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 UserId="53865" --> Word Count (45)
 UserId="27329" --> Word Count (196)
 UserId="924" --> Word Count (44)
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 UserId="45264" Comment="0 is an extreme (0 = almost sure equality which is in practice identical), 1 is not the maximal value, KL-divergence is unbounded" --> Word Count (226)
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 UserId="45264" --> Word Count (178)
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 UserId="51573" Comment="added 1610 characters in body; edited title" --> Word Count (15)
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 UserId="53790" Comment="edited tags" --> Word Count (1)
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 UserId="54055" --> Word Count (1)
 UserId="53502" --> Word Count (272)
 UserId="26394" Comment="edited body" --> Word Count (91)
 UserId="54055" Comment="added 416 characters in body; edited title" --> Word Count (337)
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 UserId="54052" --> Word Count (158)
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 UserId="54052" --> Word Count (1)
 UserId="45264" Comment="Added punctuation making it easier to read." --> Word Count (463)
 UserId="53278" --> Word Count (475)
 UserId="53278" --> Word Count (7)
 UserId="53278" --> Word Count (1)
 UserId="45264" --> Word Count (273)
 UserId="42044" --> Word Count (103)
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 UserId="42044" --> Word Count (64)
 UserId="54167" --> Word Count (76)
 UserId="54167" --> Word Count (3)
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 UserId="21" Comment="104" --> Word Count (3)
 UserId="45264" --> Word Count (266)
 UserId="46749" --> Word Count (380)
 UserId="46749" Comment="added 62 characters in body" --> Word Count (392)

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 UserId="54170" --> Word Count (1)
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 UserId="44605" Comment="Updated the formatting" --> Word Count (81)
 UserId="44605" Comment="Inserted the linked image and updated the body" -->
 Word Count (193)
 UserId="29575" Comment="Inserted the linked image and updated the body" -->
 Word Count (189)
 UserId="44605" Comment="Inserted the linked image and updated the body" -->
 Word Count (124)
 UserId="29575" Comment="Inserted the linked image and updated the body" -->
 Word Count (123)
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 UserId="47856" --> Word Count (91)
 UserId="23334" Comment="edited title" --> Word Count (9)
 UserId="54187" --> Word Count (126)
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 UserId="54187" --> Word Count (1)
 UserId="47856" Comment="Update edited." --> Word Count (225)
 UserId="45374" --> Word Count (86)
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 UserId="54185" --> Word Count (17)
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 UserId="38538" --> Word Count (1)
 UserId="45264" --> Word Count (673)
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 explanations" --> Word Count (744)
 UserId="49293" --> Word Count (117)

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 UserId="47204" --> Word Count (1)
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 UserId="54189" --> Word Count (1)
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 UserId="47832" Comment="edited body" --> Word Count (131)
 UserId="54205" --> Word Count (211)
 UserId="47856" Comment="Corrected grammar." --> Word Count (223)
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 UserId="54187" --> Word Count (5)
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 UserId="47832" Comment="added 193 characters in body" --> Word Count (189)
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 UserId="42044" --> Word Count (102)
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 UserId="53278" Comment="elaborated " --> Word Count (10)
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 UserId="54232" --> Word Count (112)
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 Word Count (145)
 UserId="29575" Comment="minimizing false negatives means increasing recall" -->
 Word Count (145)
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 Count (96)
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 Count (9)
 UserId="26525" Comment="added 35 characters in body" --> Word Count (82)
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 UserId="45264" Comment="Re-wrote specificity function" --> Word Count (650)
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 UserId="29575" Comment="Remove extra commentary" --> Word Count (60)
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 UserId="54310" --> Word Count (1)
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 UserId="45374" --> Word Count (30)
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 UserId="54342" Comment="resize posted images (with links to originals)" --> Word Count (449)
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 UserId="54236" --> Word Count (9)
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 UserId="54378" --> Word Count (1)
 UserId="41029" Comment="added 1 character in body" --> Word Count (148)
 UserId="50954" Comment="grammar and Entropy is objectively slower to compute than Gini Index due to log function " --> Word Count (35)
 UserId="54277" --> Word Count (152)
 UserId="54277" --> Word Count (9)
 UserId="54277" --> Word Count (1)
 UserId="45264" --> Word Count (178)
 UserId="54383" --> Word Count (156)
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 UserId="54385" --> Word Count (217)
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 UserId="54397" --> Word Count (68)
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 UserId="29575" Comment="Minor grammar" --> Word Count (58)
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 UserId="53283" --> Word Count (89)
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 UserId="53283" --> Word Count (1)
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 UserId="29575" Comment="Minor grammar" --> Word Count (13)
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 UserId="45264" --> Word Count (156)
 UserId="53283" Comment="Rollback to [e33c8918-ec35-4538-9f52-8765f59ff5a0]" -->
 Word Count (89)
 UserId="45264" Comment="Made more readable - code as code" --> Word Count (144)
 UserId="31180" Comment="added 70 characters in body" --> Word Count (276)
 UserId="45264" --> Word Count (108)
 UserId="38538" --> Word Count (268)
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 UserId="38538" --> Word Count (1)
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 UserId="54304" Comment="added 203 characters in body" --> Word Count (277)
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 UserId="32745" --> Word Count (109)
 UserId="54246" --> Word Count (24)
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 UserId="54450" --> Word Count (1)
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 UserId="54246" --> Word Count (136)
 UserId="54443" Text="I have been troubled by this problem for a while as same as you, fortunately I find the answer in this document named [--> Word Count (287)
 UserId="54246" --> Word Count (64)
 UserId="9314" --> Word Count (135)
 UserId="29575" Comment="Remove extra commentary" Text="I found the answer in this document named [--> Word Count (285)
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 UserId="43077" Comment="deleted 2 characters in body" --> Word Count (212)
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 UserId="26019" Comment="edited body" --> Word Count (173)
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 UserId="54246" Text="Since you are specifically asking about deep learning techniques, nothing strikes me out of the bat other than [Autoencoders](https://en.wikipedia.org/wiki/Autoencoder).
 

You can try using autoencoders for clustering, basically, you need to stick with clustering. Since you don't have the labels.

To answer your question whether they rely on

embeddings that are out there, it depends on your data, if you have a domain-specific data or you have the data in a weird language then you should go for creating your own embeddings. I found this article really helpful, though it has been done on images, you can try it on text, using `Conv1D`. Also yes, you can try out word embeddings like [word2vec](https://en.wikipedia.org/wiki/Word2vec) or [fasttext](https://github.com/facebookresearch/fast

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UserId="54600" --> Word Count (59)
UserId="52300" Comment="deleted 4 characters in body" --> Word Count (173)
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 UserId="54623" Comment="added 100 characters in body" --> Word Count (400)

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 UserId="44465" Text="The question is not about _detecting keyphrases_. It is about detecting a combination of words makes a valid phrase or not. For example, 

> "John reads New York Times in New York."

> Here, the phrases are 

> New York Times

> New York

Detecting _keyword phrases_ is a ** --> Word Count (48)
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 UserId="44465" --> Word Count (1)
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 UserId="54587" Comment="added 3665 characters in body" --> Word Count (2405)
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 UserId="29575" Comment="edited body" --> Word Count (160)
 UserId="8878" Comment="Some structure, some clarity" --> Word Count (83)
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 Word Count (447)
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 UserId="54623" --> Word Count (1)
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 UserId="54187" --> Word Count (1)
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 UserId="54395" Comment="added 372 characters in body" --> Word Count (148)

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 UserId="47832" --> Word Count (145)
 <DELETE> --> Word Count (263)
 <DELETE> --> Word Count (16)
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 UserId="54774" --> Word Count (22)
 UserId="54774" --> Word Count (1)
 UserId="49454" Comment="added 1946 characters in body" --> Word Count (606)
 UserId="39778" --> Word Count (93)
 UserId="39778" --> Word Count (8)
 UserId="39778" --> Word Count (1)
 UserId="46375" --> Word Count (48)
 UserId="46375" --> Word Count (4)
 UserId="46375" --> Word Count (1)
 UserId="52089" --> Word Count (77)
 UserId="45264" Comment="Added one more alternative with link." --> Word Count (524)
 UserId="53283" --> Word Count (232)
 UserId="53283" --> Word Count (7)
 UserId="53283" --> Word Count (1)
 UserId="54777" --> Word Count (1070)
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 UserId="1426" --> Word Count (4)
 UserId="1426" --> Word Count (1)
 UserId="51541" --> Word Count (251)
 UserId="53303" --> Word Count (195)
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 UserId="53303" --> Word Count (1)
 UserId="54715" --> Word Count (140)
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 UserId="54715" --> Word Count (1)
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 UserId="54790" --> Word Count (1)
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 UserId="53278" --> Word Count (1)
 UserId="52719" --> Word Count (77)
 UserId="52719" Comment="via Vote" --> Word Count (2)

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 UserId="45264" Comment="Formatting" --> Word Count (1)
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 UserId="45374" --> Word Count (65)
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 --> Word Count (13)
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 selection" --> Word Count (267)
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 UserId="-1" Comment="104" --> Word Count (4)
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 UserId="29575" Comment="edited body" --> Word Count (106)
 UserId="45264" --> Word Count (181)
 UserId="45610" Comment="edited title" --> Word Count (10)
 UserId="45610" Comment="edited title" --> Word Count (206)
 UserId="45264" Comment="added 185 characters in body" --> Word Count (215)
 UserId="45610" Comment="edited title" --> Word Count (8)
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 Word Count (415)
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 UserId="47359" Comment="added 49 characters in body" --> Word Count (213)
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 UserId="44139" Comment="Improved formatting" --> Word Count (284)
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 UserId="29575" Comment="fixed grammer" --> Word Count (79)
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 UserId="29575" Comment="Add some paragraphs" --> Word Count (271)
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 UserId="29575" Comment="Minor formatting" --> Word Count (49)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (171)
 UserId="56363" --> Word Count (30)
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 UserId="54040" --> Word Count (110)
 UserId="54040" --> Word Count (6)
 UserId="54040" --> Word Count (1)
 UserId="56363" Comment="added 1 character in body" --> Word Count (30)
 UserId="56344" --> Word Count (104)
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 UserId="54188" --> Word Count (138)
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 UserId="54188" --> Word Count (1)
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UserId="24423" --> Word Count (1)
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UserId="56344" --> Word Count (95)
UserId="35645" Comment="corrected spelling" --> Word Count (71)
UserId="29575" Comment="corrected spelling" --> Word Count (70)
UserId="51369" --> Word Count (85)
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UserId="51369" --> Word Count (1)
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UserId="56382" --> Word Count (27)
UserId="51369" Comment="slight modification" --> Word Count (91)
UserId="28175" --> Word Count (61)
UserId="28175" Comment="edited tags" --> Word Count (1)
UserId="51369" Comment="added my understanding for further clarity" --> Word Count (159)
UserId="35645" Comment="corrected spelling,improved formatting" --> Word Count (35)
UserId="29575" Comment="corrected spelling,improved formatting" --> Word Count (37)
UserId="29575" Comment="corrected spelling,improved formatting" --> Word Count (1)
UserId="29575" Comment="Format link" --> Word Count (54)
UserId="38887" --> Word Count (45)
UserId="108" --> Word Count (198)
UserId="46230" --> Word Count (48)
UserId="46230" --> Word Count (9)
UserId="46230" --> Word Count (1)
UserId="53278" --> Word Count (263)
UserId="53278" --> Word Count (8)
UserId="53278" --> Word Count (1)
UserId="53278" Comment="added 272 characters in body" --> Word Count (308)
UserId="53278" Comment="fixed information in the question" --> Word Count (346)
UserId="26445" --> Word Count (561)
UserId="26445" --> Word Count (13)
UserId="26445" --> Word Count (1)
UserId="56393" --> Word Count (105)
UserId="56393" --> Word Count (5)
UserId="56393" --> Word Count (1)
UserId="56401" --> Word Count (67)
UserId="56401" --> Word Count (16)
UserId="56401" --> Word Count (1)
UserId="28175" --> Word Count (112)
UserId="28175" Comment="edited tags" --> Word Count (1)
UserId="33429" --> Word Count (107)
UserId="9123" --> Word Count (164)
UserId="9123" Comment="added 164 characters in body" --> Word Count (201)
UserId="56393" Comment="added 483 characters in body" --> Word Count (184)

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 UserId="56406" --> Word Count (1)
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 UserId="56408" --> Word Count (148)
 UserId="56408" --> Word Count (7)
 UserId="56408" --> Word Count (1)
 UserId="34138" --> Word Count (425)
 UserId="34138" --> Word Count (13)
 UserId="34138" --> Word Count (1)
 UserId="56410" --> Word Count (168)
 UserId="56410" --> Word Count (7)
 UserId="56410" --> Word Count (1)
 UserId="53760" --> Word Count (105)
 UserId="53760" --> Word Count (59)
 UserId="46143" Comment="added 2 characters in body" --> Word Count (70)
 UserId="45374" --> Word Count (224)
 UserId="56412" --> Word Count (37)
 UserId="56412" --> Word Count (11)
 UserId="56412" --> Word Count (1)
 UserId="836" Comment="added 227 characters in body" --> Word Count (573)
 UserId="56414" --> Word Count (138)
 UserId="56414" --> Word Count (7)
 UserId="56414" --> Word Count (1)
 UserId="56344" --> Word Count (42)
 UserId="53760" --> Word Count (74)
 UserId="56344" --> Word Count (87)
 UserId="56344" --> Word Count (98)
 UserId="34138" --> Word Count (52)
 UserId="34138" --> Word Count (3)
 UserId="34138" --> Word Count (1)
 UserId="56227" --> Word Count (110)
 UserId="34138" Comment="added 96 characters in body" --> Word Count (64)
 UserId="39294" Comment="added 258 characters in body" --> Word Count (135)
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 UserId="42354" --> Word Count (127)
 UserId="44785" --> Word Count (46)
 UserId="44785" --> Word Count (5)
 UserId="44785" --> Word Count (1)
 UserId="-1" Comment="removed repeated row in BBs table" --> Word Count (915)
 UserId="53760" --> Word Count (54)
 UserId="42354" Comment="added 1 character in body" --> Word Count (49)
 UserId="9257" --> Word Count (94)
 UserId="56152" Comment="Added more intuitive explanation" --> Word Count (305)
 UserId="56152" Comment="Added more intuitive explanation; added 25 characters in body" --> Word Count (325)
 UserId="56421" --> Word Count (90)
 UserId="56421" --> Word Count (8)


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list(&quot;A Sample --> Word Count (8)
UserId="54944" --> Word Count (56)
UserId="381" Comment="edited tags" --> Word Count (1)
UserId="47485" --> Word Count (423)
UserId="46624" --> Word Count (69)
UserId="10931" Comment="Improved code formatting" Text="You need to convert the
elements of corpus to character&#xD;&#xA;&#xD;&#xA; myTokenizer &lt;-
function(x, n, n_min) {&#xD;&#xA; tok &lt;-
unlist(tokenize_ngrams(as.character(x), n = n, n_min = n_min))&#xD;&#xA; M
&lt;- matrix(nrow=length(tok), ncol=3, &#xD;&#xA;
dimnames=list(NULL, c( &quot;gram&quot;, &quot;num.words&quot;,
&quot;words&quot;)))&#xD;&#xA; M[, 3] &lt;- tok&#xD;&#xA; M[, 2] &lt;-
lengths(strsplit(M[, 3], &quot;\\W+&quot;)) # counts the words&#xD;&#xA;
M[, 1] &lt;- 1:length(tok)&#xD;&#xA; return(M)&#xD;&#xA; }&#xD;&#xA;
res &lt;- tm_map(corp, function (x) myTokenizer(x, n=3,
n_min=1))&#xD;&#xA;&#xD;&#xA;or apply your function directly without using
Corpus:&#xD;&#xA;&#xD;&#xA; res &lt;- myTokenizer(x = list(&quot;A Sample
--> Word Count (8)
UserId="29575" Comment="Improved code formatting" Text="You need to convert the
elements of corpus to character:&#xD;&#xA;&#xD;&#xA; myTokenizer &lt;-
function(x, n, n_min) {&#xD;&#xA; tok &lt;-
unlist(tokenize_ngrams(as.character(x), n = n, n_min = n_min))&#xD;&#xA; M
&lt;- matrix(nrow=length(tok), ncol=3, &#xD;&#xA;
dimnames=list(NULL, c( &quot;gram&quot;, &quot;num.words&quot;,
&quot;words&quot;)))&#xD;&#xA; M[, 3] &lt;- tok&#xD;&#xA; M[, 2] &lt;-
lengths(strsplit(M[, 3], &quot;\\W+&quot;)) # counts the words&#xD;&#xA;
M[, 1] &lt;- 1:length(tok)&#xD;&#xA; return(M)&#xD;&#xA; }&#xD;&#xA;
res &lt;- tm_map(corp, function (x) myTokenizer(x, n=3,
n_min=1))&#xD;&#xA;&#xD;&#xA;or apply your function directly without using
Corpus:&#xD;&#xA;&#xD;&#xA; res &lt;- myTokenizer(x = list(&quot;A Sample
--> Word Count (8)
UserId="38636" --> Word Count (1528)
UserId="38636" --> Word Count (5)
UserId="38636" --> Word Count (1)
UserId="55018" Comment="edited title" --> Word Count (21)
UserId="33934" --> Word Count (77)
UserId="34036" --> Word Count (127)
UserId="34036" --> Word Count (14)
UserId="34036" --> Word Count (1)
UserId="29587" --> Word Count (157)
UserId="44139" --> Word Count (197)
UserId="56412" Comment="Added Code" --> Word Count (136)
UserId="56406" --> Word Count (123)
UserId="56406" --> Word Count (10)
UserId="56406" --> Word Count (1)
UserId="8013" --> Word Count (60)
UserId="8013" --> Word Count (16)
UserId="8013" --> Word Count (1)

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UserId="54496" --> Word Count (98)
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 UserId="52738" --> Word Count (1)
 UserId="8013" --> Word Count (60)
 UserId="8013" --> Word Count (6)
 UserId="8013" --> Word Count (1)
 UserId="8013" Comment="added 13 characters in body" --> Word Count (63)
 UserId="52738" --> Word Count (51)
 UserId="51541" --> Word Count (118)
 UserId="8013" Comment="added 118 characters in body" --> Word Count (83)
 UserId="56475" --> Word Count (195)
 UserId="56475" --> Word Count (9)
 UserId="56475" --> Word Count (1)
 UserId="54229" --> Word Count (121)
 UserId="9257" Comment="added 491 characters in body" --> Word Count (174)
 UserId="43469" --> Word Count (481)
 UserId="43469" --> Word Count (12)
 UserId="43469" --> Word Count (1)
 UserId="42354" --> Word Count (27)
 UserId="42354" --> Word Count (8)
 UserId="42354" --> Word Count (1)
 UserId="8013" Comment="edited title" --> Word Count (9)
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 UserId="25589" --> Word Count (1)
 UserId="51969" --> Word Count (86)
 UserId="51969" --> Word Count (7)
 UserId="51969" --> Word Count (1)
 UserId="29575" Comment="Minor grammar" --> Word Count (198)
 UserId="13748" --> Word Count (139)
 UserId="52256" --> Word Count (89)
 UserId="45264" Comment="Added required imports" --> Word Count (153)
 UserId="29575" Comment="Format list" --> Word Count (88)
 UserId="52256" --> Word Count (102)
 UserId="55108" --> Word Count (53)
 UserId="55108" --> Word Count (136)
 UserId="45264" --> Word Count (341)
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 UserId="55108" --> Word Count (112)
 UserId="37184" --> Word Count (124)
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 UserId="45264" --> Word Count (44)
 UserId="45264" --> Word Count (11)
 UserId="45264" --> Word Count (1)
 UserId="45264" --> Word Count (364)
 UserId="50363" Comment="linked to paper, mathjax'd the terms and equation" -->
 Word Count (66)
 UserId="50363" Comment="added more relevant ensemble-modeling tag, removed
 misleading unsupervised-learning tag" --> Word Count (1)
 UserId="46309" --> Word Count (114)
 UserId="46309" --> Word Count (8)
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 UserId="45264" Comment="added 92 characters in body" --> Word Count (12)
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 UserId="45264" --> Word Count (231)
 UserId="21" Comment="102" --> Word Count (5)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="21" Comment="102" --> Word Count (5)
 UserId="56164" --> Word Count (44)
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 UserId="45264" Comment="Made final equation less ambiguous" --> Word Count
 (231)
 UserId="56503" --> Word Count (835)
 UserId="56503" --> Word Count (5)
 UserId="56503" --> Word Count (1)
 UserId="29575" Comment="Format Code" --> Word Count (393)
 UserId="54944" --> Word Count (285)
 UserId="54944" Comment="added 18 characters in body" --> Word Count (288)
 UserId="54944" --> Word Count (52)
 UserId="47832" --> Word Count (98)
 UserId="47832" Comment="added 622 characters in body" --> Word Count (205)
 UserId="8820" Comment="added 244 characters in body" --> Word Count (92)
 UserId="56508" --> Word Count (84)
 UserId="56508" --> Word Count (3)
 UserId="56508" --> Word Count (1)
 UserId="24129" --> Word Count (83)
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 UserId="24129" --> Word Count (1)
 UserId="836" --> Word Count (324)
 UserId="33194" Comment="added 161 characters in body" --> Word Count (133)
 UserId="33194" Comment="added 161 characters in body" --> Word Count (9)
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 UserId="56515" --> Word Count (96)
 UserId="56515" --> Word Count (17)
 UserId="56515" --> Word Count (1)
 UserId="28175" --> Word Count (125)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="26019" Comment="edited body" --> Word Count (98)
 UserId="29575" Comment="edited body" --> Word Count (97)
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 UserId="38636" --> Word Count (14)
 UserId="38636" --> Word Count (1)
 UserId="28175" --> Word Count (77)
 UserId="28175" Comment="added 1 character in body; edited tags" --> Word Count (2079)
 UserId="28175" Comment="added 1 character in body; edited tags" --> Word Count (1)
 UserId="28175" Comment="added 1 character in body; edited tags" --> Word Count (14)
 UserId="28175" Comment="added 355 characters in body" --> Word Count (111)
 UserId="56522" --> Word Count (346)
 UserId="56522" --> Word Count (12)
 UserId="56522" --> Word Count (1)
 UserId="28175" Comment="added 280 characters in body" --> Word Count (128)
 UserId="37363" Comment="added 8 characters in body; edited title" --> Word Count (107)
 UserId="37363" Comment="added 8 characters in body; edited title" --> Word Count (5)
 UserId="53157" --> Word Count (130)
 UserId="53157" --> Word Count (8)
 UserId="53157" --> Word Count (1)
 UserId="53157" Comment="edited title" --> Word Count (7)
 UserId="45264" --> Word Count (432)
 UserId="54404" Comment="Update link. Add links. Add `machine-learning` tag." --> Word Count (71)
 UserId="54404" Comment="Update link. Add links. Add `machine-learning` tag." --> Word Count (1)
 UserId="29575" Comment="Update link. Add links. Add `machine-learning` tag." --> Word Count (73)
 UserId="56490" Comment="formatting" Text="I'm trying to run language detection using Facebook's fastText through python script but I get this error when I load the model :

> Exception: fast --> Word Count (24)
 UserId="29575" Comment="formatting" Text="I'm trying to run language detection using Facebook's fastText through a Python script but I get this error when I load the model :

> Exception: fast --> Word Count (24)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (302)
 UserId="56530" --> Word Count (20)

UserId="52762" --> Word Count (80)
 UserId="52762" --> Word Count (7)
 UserId="52762" --> Word Count (1)
 UserId="52762" Comment="added 65 characters in body" --> Word Count (90)
 UserId="56530" Comment="added 306 characters in body" --> Word Count (72)
 UserId="53157" Comment="edited tags" --> Word Count (1)
 UserId="51515" --> Word Count (119)
 UserId="51515" --> Word Count (6)
 UserId="51515" --> Word Count (1)
 UserId="28175" --> Word Count (67)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (119)
 UserId="56490" Comment="formatting" --> Word Count (114)
 UserId="29575" Comment="formatting" --> Word Count (113)
 UserId="29575" Comment="Minor formatting" --> Word Count (72)
 UserId="29575" Comment="Minor formatting" --> Word Count (89)
 UserId="54395" --> Word Count (573)
 UserId="54329" --> Word Count (28)
 UserId="54329" --> Word Count (3)
 UserId="54329" --> Word Count (1)
 UserId="56401" --> Word Count (31)
 UserId="56401" --> Word Count (9)
 UserId="56401" --> Word Count (1)
 UserId="54395" Comment="added 24 characters in body" --> Word Count (577)
 UserId="56533" --> Word Count (165)
 UserId="56533" --> Word Count (15)
 UserId="56533" --> Word Count (1)
 UserId="28175" --> Word Count (122)
 UserId="28175" Comment="added 1 character in body; edited tags" --> Word Count (32)
 UserId="28175" Comment="added 1 character in body; edited tags" --> Word Count (1)
 UserId="28175" Comment="added 365 characters in body" --> Word Count (161)
 UserId="56537" --> Word Count (148)
 UserId="56537" --> Word Count (7)
 UserId="56537" --> Word Count (1)
 UserId="56536" --> Word Count (222)
 UserId="54961" --> Word Count (36)
 UserId="29587" --> Word Count (2701)
 UserId="56508" Comment="added 96 characters in body; edited tags; edited title" --> Word Count (84)
 UserId="56508" Comment="added 96 characters in body; edited tags; edited title" --> Word Count (4)
 UserId="56508" Comment="added 96 characters in body; edited tags; edited title" --> Word Count (1)
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 UserId="1330" --> Word Count (66)
 UserId="44456" --> Word Count (220)

UserId="55147" --> Word Count (239)
 UserId="55147" --> Word Count (11)
 UserId="55147" --> Word Count (1)
 UserId="42354" --> Word Count (48)
 UserId="43921" --> Word Count (232)
 UserId="43921" --> Word Count (11)
 UserId="43921" --> Word Count (1)
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 UserId="21" Comment="103" --> Word Count (5)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="56544" --> Word Count (205)
 UserId="56544" --> Word Count (10)
 UserId="56544" --> Word Count (1)
 UserId="56503" --> Word Count (52)
 UserId="56503" --> Word Count (10)
 UserId="56503" --> Word Count (1)
 UserId="47204" --> Word Count (82)
 UserId="47204" --> Word Count (11)
 UserId="47204" --> Word Count (1)
 UserId="28175" --> Word Count (165)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="44456" Comment="added 69 characters in body" --> Word Count (232)
 UserId="28175" Comment=" " --> Word Count (167)
 UserId="56537" --> Word Count (81)
 UserId="56537" --> Word Count (10)
 UserId="56537" --> Word Count (1)
 UserId="54395" --> Word Count (372)
 UserId="56537" Comment="added 1635 characters in body" --> Word Count (469)
 UserId="54395" --> Word Count (1121)
 UserId="56537" Comment="edited title" --> Word Count (10)
 UserId="56401" --> Word Count (27)
 UserId="56401" --> Word Count (12)
 UserId="56401" --> Word Count (1)
 UserId="52816" --> Word Count (78)
 UserId="52816" --> Word Count (7)
 UserId="52816" --> Word Count (1)
 UserId="45264" --> Word Count (953)
 UserId="45264" --> Word Count (221)
 UserId="49517" --> Word Count (173)
 UserId="49517" --> Word Count (9)
 UserId="49517" --> Word Count (1)
 UserId="54395" --> Word Count (263)
 UserId="56544" Comment="edited title" --> Word Count (13)
 UserId="54395" Comment="Confusion matrix was posted in many comments by P0. Now added to question." --> Word Count (173)
 UserId="29575" Comment="Confusion matrix was posted in many comments by P0. Now added to question." --> Word Count (173)

UserId="29575" Comment="Confusion matrix was posted in many comments by PO. Now added to question." --> Word Count (1)
 UserId="56537" --> Word Count (244)
 UserId="54188" --> Word Count (45)
 UserId="54188" --> Word Count (6)
 UserId="54188" --> Word Count (1)
 UserId="54395" --> Word Count (284)
 UserId="54395" --> Word Count (10)
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 UserId="49517" Comment="edited body" --> Word Count (173)
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 UserId="54395" --> Word Count (1)
 UserId="13748" --> Word Count (157)
 UserId="45264" --> Word Count (273)
 UserId="56568" UserDisplayName="Amay Saxena" --> Word Count (333)
 UserId="56568" UserDisplayName="Amay Saxena" --> Word Count (5)
 UserId="56568" UserDisplayName="Amay Saxena" --> Word Count (1)
 UserId="15569" --> Word Count (54)
 UserId="15569" --> Word Count (30)
 UserId="13748" Comment="More clear title and removed some grammar noise" --> Word Count (44)
 UserId="13748" Comment="More clear title and removed some grammar noise" --> Word Count (9)
 UserId="29575" Comment="More clear title and removed some grammar noise" --> Word Count (43)
 UserId="53157" Comment="added 91 characters in body" --> Word Count (141)
 UserId="15569" --> Word Count (6)
 UserId="52434" --> Word Count (95)
 UserId="52434" --> Word Count (3)
 UserId="52434" --> Word Count (1)
 UserId="45264" --> Word Count (674)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (85)
 UserId="54395" --> Word Count (93)
 UserId="54395" --> Word Count (7)
 UserId="54395" --> Word Count (1)
 UserId="54395" Comment="deleted 2 characters in body" --> Word Count (93)
 UserId="54836" --> Word Count (196)
 UserId="50703" --> Word Count (163)
 UserId="50703" --> Word Count (10)
 UserId="50703" --> Word Count (1)
 UserId="54221" --> Word Count (123)
 UserId="54221" --> Word Count (6)
 UserId="54221" --> Word Count (1)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (124)
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 UserId="47832" --> Word Count (7)

UserId="47832" --> Word Count (1)
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 UserId="21" Comment="102" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="43154" --> Word Count (59)
 UserId="43154" Comment="added example" --> Word Count (815)
 UserId="43154" --> Word Count (76)
 UserId="43154" --> Word Count (41)
 UserId="33934" --> Word Count (101)
 UserId="43154" Comment="added 5 characters in body" --> Word Count (815)
 UserId="33934" Comment="added 509 characters in body" --> Word Count (183)
 UserId="56573" --> Word Count (92)
 UserId="56573" --> Word Count (9)
 UserId="56573" --> Word Count (1)
 UserId="43154" Comment="deleted 140 characters in body" --> Word Count (784)
 UserId="43154" --> Word Count (65)
 UserId="52434" Comment="added some info on dataset" --> Word Count (105)
 UserId="52434" Comment="added some info on dataset" --> Word Count (1)
 UserId="54229" --> Word Count (141)
 UserId="54229" --> Word Count (10)
 UserId="54229" --> Word Count (1)
 UserId="56579" --> Word Count (64)
 UserId="45264" --> Word Count (491)
 UserId="49517" Comment="deleted 452 characters in body" --> Word Count (160)
 UserId="53367" Text="For **.bin** use :
<https://radimrehurek.com/gensim/models/fasttext.html#gensim.models.fasttext.Fast>
 --> Word Count (65)
 UserId="836" --> Word Count (414)
 UserId="52762" --> Word Count (73)
 UserId="836" Comment="added 114 characters in body" --> Word Count (430)
 UserId="21625" --> Word Count (140)
 UserId="21625" Comment="added 75 characters in body" --> Word Count (183)
 UserId="21625" Comment="added 75 characters in body" --> Word Count (251)
 UserId="836" Comment="added 298 characters in body" --> Word Count (478)
 UserId="61686" --> Word Count (84)
 UserId="61686" --> Word Count (10)
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 UserId="21625" Comment="deleted 4 characters in body" --> Word Count (253)
 UserId="56589" --> Word Count (42)
 UserId="56589" --> Word Count (7)
 UserId="56589" --> Word Count (1)
 UserId="21625" Comment="added 26 characters in body" --> Word Count (258)
 UserId="45374" --> Word Count (30)
 UserId="45264" --> Word Count (159)
 UserId="56593" --> Word Count (97)
 UserId="56593" --> Word Count (2)
 UserId="56593" --> Word Count (1)

UserId="45264" Comment="Added link and fixed typo" --> Word Count (347)
 UserId="21251" --> Word Count (245)
 UserId="56595" --> Word Count (231)
 UserId="56595" --> Word Count (5)
 UserId="56595" --> Word Count (1)
 UserId="56595" Comment="edited tags" --> Word Count (1)
 UserId="24000" Comment="Reformatted" --> Word Count (64)
 UserId="29575" Comment="Reformatted" --> Word Count (61)
 UserId="29575" Comment="Format Link" Text="For ****.bin**** use: [`load_fasttext_for`
`mat()`]([https://radimrehurek.com/gensim/models/fasttext.html#gensim.models.fastt](https://radimrehurek.com/gensim/models/fasttext.html#gensim.models.fasttext.Fast)
`ext.Fast` --> Word Count (66)
 UserId="56544" Comment="Added specific question" --> Word Count (240)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (233)
 UserId="14904" --> Word Count (113)
 UserId="56599" --> Word Count (65)
 UserId="56599" Text="Most Efficient Machine Learning Algorithm for --> Word
 Count (2)
 UserId="56599" --> Word Count (1)
 UserId="47485" Comment="correct spelling mistakes" --> Word Count (423)
 UserId="56603" --> Word Count (88)
 UserId="56603" --> Word Count (20)
 UserId="56603" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (87)
 UserId="56608" --> Word Count (385)
 UserId="13748" Comment="Only use ``code snippet formatting`` for actual code
 snippets, it may mess up mobile and TTS screenreaders" --> Word Count (62)
 UserId="13748" Comment="Only use ``code snippet formatting`` for actual code
 snippets, it may mess up mobile and TTS screenreaders" --> Word Count (1)
 UserId="29575" Comment="Minor grammar" --> Word Count (385)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="54404" --> Word Count (39)
 UserId="54404" --> Word Count (8)
 UserId="54404" --> Word Count (1)
 UserId="54404" --> Word Count (560)
 UserId="56620" --> Word Count (243)
 UserId="56620" --> Word Count (16)
 UserId="56620" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (371)
 UserId="56624" --> Word Count (131)
 UserId="56624" --> Word Count (22)
 UserId="56624" --> Word Count (1)
 UserId="45264" --> Word Count (178)
 UserId="29575" Comment="Add some paragraphs" --> Word Count (130)
 UserId="43154" --> Word Count (111)
 UserId="56626" --> Word Count (227)
 UserId="56626" --> Word Count (3)
 UserId="56626" --> Word Count (1)

UserId="56593" Comment="added 1573 characters in body" --> Word Count (313)
 UserId="29575" Comment="indent code so shows correctly" --> Word Count (439)
 UserId="56634" --> Word Count (26)
 UserId="9123" --> Word Count (214)
 UserId="9123" Comment="added 117 characters in body" --> Word Count (233)
 UserId="9123" Comment="added 3 characters in body" --> Word Count (233)
 UserId="29575" Comment="Format code" --> Word Count (35)
 UserId="56641" --> Word Count (57)
 UserId="56641" --> Word Count (5)
 UserId="56641" --> Word Count (1)
 UserId="15569" --> Word Count (53)
 UserId="46464" --> Word Count (68)
 UserId="6550" --> Word Count (58)
 UserId="6550" --> Word Count (8)
 UserId="6550" --> Word Count (1)
 UserId="44011" --> Word Count (45)
 UserId="56645" --> Word Count (55)
 UserId="56645" --> Word Count (12)
 UserId="56645" --> Word Count (1)
 UserId="836" --> Word Count (118)
 UserId="836" Comment="added 235 characters in body" --> Word Count (157)
 UserId="54040" --> Word Count (673)
 UserId="54040" --> Word Count (3)
 UserId="54040" --> Word Count (1)
 UserId="17208" --> Word Count (125)
 UserId="17208" --> Word Count (24)
 UserId="17208" --> Word Count (56)
 UserId="51125" --> Word Count (89)
 UserId="56620" Comment="Fixed wording." --> Word Count (369)
 UserId="56653" --> Word Count (69)
 UserId="56653" --> Word Count (7)
 UserId="56653" --> Word Count (1)
 UserId="-1" Comment="105" --> Word Count (2)
 UserId="54040" Comment="added 51 characters in body" --> Word Count (690)
 UserId="54001" --> Word Count (78)
 UserId="54001" --> Word Count (9)
 UserId="54001" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (54)
 UserId="56641" --> Word Count (282)
 UserId="56641" --> Word Count (5)
 UserId="56641" --> Word Count (1)
 UserId="44139" Comment="Improved formatting" --> Word Count (376)
 UserId="29575" Comment="Improved formatting" --> Word Count (374)
 UserId="56613" --> Word Count (157)
 UserId="56613" --> Word Count (11)
 UserId="56613" --> Word Count (1)
 UserId="52300" --> Word Count (133)
 UserId="924" --> Word Count (20)

UserId="54713" --> Word Count (103)
UserId="54713" --> Word Count (6)
UserId="54713" --> Word Count (1)
UserId="52719" --> Word Count (163)
UserId="52719" Comment="added 21 characters in body" --> Word Count (167)
UserId="56689" --> Word Count (74)
UserId="56689" --> Word Count (10)
UserId="56689" --> Word Count (1)
UserId="52719" Comment="deleted 371 characters in body" --> Word Count (149)
UserId="56689" Comment="added 1 character in body" --> Word Count (74)
UserId="56689" Comment="added 86 characters in body" --> Word Count (158)
UserId="53799" --> Word Count (684)
UserId="53799" --> Word Count (7)
UserId="53799" --> Word Count (1)
UserId="52719" Comment="some grammar clean up." --> Word Count (160)
UserId="53793" --> Word Count (61)
UserId="1330" --> Word Count (53)
UserId="56693" --> Word Count (30)
UserId="47832" --> Word Count (84)
UserId="56700" --> Word Count (23)
UserId="56655" --> Word Count (144)
UserId="56655" --> Word Count (7)
UserId="56655" --> Word Count (1)
UserId="56702" --> Word Count (361)
UserId="56702" --> Word Count (10)
UserId="56702" --> Word Count (1)
UserId="56703" --> Word Count (91)
UserId="56703" --> Word Count (8)
UserId="56703" --> Word Count (1)
UserId="45264" --> Word Count (386)
UserId="45264" Comment="added 144 characters in body" --> Word Count (410)
UserId="56702" Comment="Small fix to description" --> Word Count (380)
UserId="34269" --> Word Count (230)
UserId="35644" --> Word Count (61)
UserId="35644" Comment="added 22 characters in body" --> Word Count (65)
UserId="29575" Comment="Minor grammar" --> Word Count (25)
UserId="8820" --> Word Count (117)
UserId="8820" --> Word Count (14)
UserId="8820" --> Word Count (1)
UserId="45610" --> Word Count (22)
UserId="45610" --> Word Count (6)
UserId="45610" --> Word Count (1)
UserId="56716" --> Word Count (133)
UserId="52206" --> Word Count (146)
UserId="52206" --> Word Count (7)
UserId="52206" --> Word Count (1)
UserId="45935" --> Word Count (151)
UserId="45935" --> Word Count (6)

UserId="45935" --> Word Count (1)
 UserId="54944" --> Word Count (152)
 UserId="15569" --> Word Count (31)
 UserId="51125" --> Word Count (179)
 UserId="51125" --> Word Count (7)
 UserId="51125" --> Word Count (1)
 UserId="1330" --> Word Count (39)
 UserId="51125" Comment="added 27 characters in body" --> Word Count (185)
 UserId="56726" --> Word Count (171)
 UserId="56726" --> Word Count (5)
 UserId="56726" --> Word Count (1)
 UserId="51129" --> Word Count (29)
 UserId="51129" --> Word Count (12)
 UserId="51129" --> Word Count (1)
 UserId="49835" --> Word Count (124)
 UserId="49835" --> Word Count (10)
 UserId="49835" --> Word Count (1)
 UserId="51125" Comment="added 129 characters in body" --> Word Count (204)
 UserId="51125" Comment="added 129 characters in body" --> Word Count (224)
 UserId="56733" --> Word Count (121)
 UserId="1330" Comment="added 206 characters in body" --> Word Count (64)
 UserId="21889" --> Word Count (129)
 UserId="21889" --> Word Count (52)
 UserId="21889" --> Word Count (108)
 UserId="29575" Comment="Format list" --> Word Count (108)
 UserId="37510" --> Word Count (279)
 UserId="37510" --> Word Count (12)
 UserId="37510" --> Word Count (1)
 UserId="37510" Comment="added 23 characters in body" --> Word Count (283)
 UserId="924" Comment="added 121 characters in body" --> Word Count (42)
 UserId="46464" --> Word Count (244)
 UserId="54820" --> Word Count (115)
 UserId="54820" --> Word Count (6)
 UserId="54820" --> Word Count (1)
 UserId="55074" --> Word Count (114)
 UserId="54587" --> Word Count (444)
 UserId="54587" --> Word Count (11)
 UserId="54587" --> Word Count (1)
 UserId="51125" --> Word Count (118)
 UserId="51125" --> Word Count (13)
 UserId="51125" --> Word Count (1)
 UserId="51125" Comment="added 127 characters in body" --> Word Count (138)
 UserId="56753" --> Word Count (163)
 UserId="56753" --> Word Count (12)
 UserId="56753" --> Word Count (1)
 UserId="51125" --> Word Count (77)
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 UserId="32020" --> Word Count (5)

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 UserId="32020" Comment="added 2 characters in body" --> Word Count (239)
 UserId="17208" --> Word Count (182)
 UserId="32020" Comment="added 275 characters in body" --> Word Count (283)
 UserId="32020" Comment="added 131 characters in body" --> Word Count (299)
 UserId="56753" Comment="added 663 characters in body" --> Word Count (301)
 UserId="56593" --> Word Count (160)
 UserId="56593" --> Word Count (13)
 UserId="56593" --> Word Count (1)
 UserId="29810" --> Word Count (129)
 UserId="29810" --> Word Count (9)
 UserId="29810" --> Word Count (1)
 UserId="54040" --> Word Count (142)
 UserId="54040" Comment="edited body" --> Word Count (142)
 UserId="56753" Comment="added 564 characters in body" --> Word Count (435)
 UserId="29575" Comment="Minor grammar" --> Word Count (117)
 UserId="29575" Comment="Minor grammar" --> Word Count (5)
 UserId="56765" --> Word Count (119)
 UserId="56765" --> Word Count (11)
 UserId="56765" --> Word Count (1)
 UserId="13748" --> Word Count (220)
 UserId="43497" --> Word Count (43)
 UserId="54713" --> Word Count (136)
 UserId="54713" --> Word Count (8)
 UserId="54713" --> Word Count (1)
 UserId="56774" --> Word Count (78)
 UserId="56774" --> Word Count (13)
 UserId="56774" --> Word Count (1)
 UserId="56774" Comment="added 1 character in body" --> Word Count (78)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (70)
 UserId="836" --> Word Count (347)
 UserId="836" Comment="added 427 characters in body" --> Word Count (489)
 UserId="836" Comment="added 427 characters in body" --> Word Count (496)
 UserId="1330" Comment="added 1 character in body" --> Word Count (53)
 UserId="41204" --> Word Count (39)
 UserId="41204" --> Word Count (8)
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 UserId="42354" --> Word Count (144)
 UserId="56782" --> Word Count (104)
 UserId="56782" --> Word Count (18)
 UserId="56782" --> Word Count (1)
 UserId="21889" --> Word Count (184)
 UserId="53793" Comment="added 4 characters in body" --> Word Count (62)
 UserId="21889" Comment="Added examples" --> Word Count (208)
 UserId="47832" --> Word Count (134)
 UserId="47832" Comment="added 305 characters in body" --> Word Count (188)
 UserId="27665" --> Word Count (57)
 UserId="52994" --> Word Count (118)

UserId="52994" --> Word Count (7)
 UserId="52994" --> Word Count (1)
 UserId="29587" --> Word Count (162)
 UserId="924" --> Word Count (17)
 UserId="924" --> Word Count (104)
 UserId="11097" Comment="104" --> Word Count (2)
 UserId="38887" Comment="corrected a mistake related to the use of
 BallTree/KDTree with Kmeans" --> Word Count (162)
 UserId="56462" --> Word Count (58)
 UserId="56462" --> Word Count (8)
 UserId="56462" --> Word Count (1)
 UserId="56795" --> Word Count (183)
 UserId="56795" --> Word Count (9)
 UserId="56795" --> Word Count (1)
 UserId="44389" --> Word Count (97)
 UserId="56798" --> Word Count (121)
 UserId="56798" --> Word Count (15)
 UserId="56798" --> Word Count (1)
 UserId="54209" --> Word Count (139)
 UserId="54209" --> Word Count (9)
 UserId="54209" --> Word Count (1)
 UserId="56800" --> Word Count (180)
 UserId="56800" --> Word Count (6)
 UserId="56800" --> Word Count (1)
 UserId="54587" --> Word Count (240)
 UserId="54209" Comment="added 132 characters in body" --> Word Count (160)
 UserId="56802" --> Word Count (135)
 UserId="54209" Comment="Improved concerns regarding with the subject." --> Word
 Count (162)
 UserId="54209" Comment="Improved concerns regarding with the subject." --> Word
 Count (11)
 UserId="54209" Comment="Improved concerns regarding with the subject." --> Word
 Count (1)
 UserId="54395" --> Word Count (332)
 UserId="56462" Comment="added 69 characters in body" --> Word Count (68)
 UserId="37014" --> Word Count (94)
 UserId="37014" --> Word Count (13)
 UserId="37014" --> Word Count (1)
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 UserId="53940" --> Word Count (131)
 UserId="56811" --> Word Count (91)
 UserId="56811" --> Word Count (10)
 UserId="56811" --> Word Count (1)

UserId="56719" Comment="added 300 characters in body" --> Word Count (293)
 UserId="-1" Comment="102" --> Word Count (3)
 UserId="8878" --> Word Count (208)
 UserId="9123" --> Word Count (32)
 UserId="10640" Comment="A few mathematical derivations and explanations added."
 --> Word Count (331)
 UserId="47832" Comment="added 142 characters in body" --> Word Count (210)
 UserId="54395" --> Word Count (83)
 UserId="54395" --> Word Count (13)
 UserId="54395" --> Word Count (1)
 UserId="54395" Comment="added code block" --> Word Count (256)
 UserId="54395" Comment="added code block" --> Word Count (1)
 UserId="29575" Comment="added code block" --> Word Count (245)
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 UserId="56826" --> Word Count (15)
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 UserId="56825" --> Word Count (215)
 UserId="56825" --> Word Count (11)
 UserId="56825" --> Word Count (1)
 UserId="46143" --> Word Count (45)
 UserId="56401" --> Word Count (34)
 UserId="56401" --> Word Count (11)
 UserId="56401" --> Word Count (1)
 UserId="32503" --> Word Count (72)
 UserId="32503" --> Word Count (9)
 UserId="32503" --> Word Count (1)
 <DELETE> --> Word Count (37)
 UserId="52994" --> Word Count (107)
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 UserId="54586" --> Word Count (1)
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 UserId="1330" --> Word Count (46)
 UserId="56836" --> Word Count (519)
 UserId="56836" --> Word Count (8)
 UserId="56836" --> Word Count (1)
 UserId="56544" Comment="added 218 characters in body" --> Word Count (299)
 UserId="1330" Comment="deleted 2 characters in body" --> Word Count (69)
 UserId="1330" Comment="added 8 characters in body" --> Word Count (47)
 UserId="56843" --> Word Count (238)
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 UserId="56846" --> Word Count (187)

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 UserId="56846" --> Word Count (1)
 UserId="56401" --> Word Count (87)
 UserId="56401" --> Word Count (7)
 UserId="56401" --> Word Count (1)
 UserId="56852" --> Word Count (104)
 UserId="54395" Comment="deleted 4 characters in body" --> Word Count (328)
 UserId="50727" Comment="minimum and maximum were mixed up" --> Word Count (406)
 UserId="54395" Comment="edited formulas" --> Word Count (185)
 UserId="29575" Comment="edited formulas" --> Word Count (159)
 UserId="56855" --> Word Count (84)
 UserId="56855" --> Word Count (6)
 UserId="56855" --> Word Count (1)
 UserId="54820" --> Word Count (86)
 UserId="54820" --> Word Count (11)
 UserId="54820" --> Word Count (1)
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 UserId="51624" --> Word Count (8)
 UserId="51624" --> Word Count (1)
 UserId="51624" Comment="removed incorrect info" --> Word Count (882)
 UserId="51125" --> Word Count (154)
 UserId="51125" --> Word Count (8)
 UserId="51125" --> Word Count (1)
 UserId="51125" Comment="added 272 characters in body" --> Word Count (200)
 UserId="13748" --> Word Count (183)
 UserId="50899" --> Word Count (221)
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 UserId="50899" --> Word Count (1)
 UserId="8432" Comment="Add DQN tag, remove thanks" --> Word Count (168)
 UserId="8432" Comment="Add DQN tag, remove thanks" --> Word Count (1)
 UserId="29575" Comment="Add DQN tag, remove thanks" --> Word Count (168)
 UserId="21806" --> Word Count (110)
 UserId="21806" --> Word Count (7)
 UserId="21806" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (109)
 UserId="51125" Comment="added 11 characters in body" --> Word Count (203)
 UserId="51125" Comment="deleted 80 characters in body" --> Word Count (189)
 UserId="-1" Comment="102" --> Word Count (3)
 UserId="21806" Comment="added 4 characters in body; added 68 characters in body; added 177 characters in body" --> Word Count (144)
 UserId="56865" --> Word Count (143)
 UserId="56865" --> Word Count (10)
 UserId="56865" --> Word Count (1)
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 UserId="29575" Comment="Table formatting" --> Word Count (191)
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 UserId="56877" --> Word Count (7)

UserId="56877" --> Word Count (1)
UserId="56846" Comment="added 261 characters in body" --> Word Count (203)
UserId="51129" --> Word Count (29)
UserId="51129" --> Word Count (10)
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UserId="56881" --> Word Count (448)
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UserId="29575" Comment="Add link" --> Word Count (427)
UserId="29575" --> Word Count (162)
UserId="56883" --> Word Count (98)
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Word Count (519)
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Word Count (27)
UserId="13748" Comment="Code formatting and minor style/grammar changes" -->
Word Count (1)
UserId="50899" --> Word Count (51)
UserId="26019" Comment="edited body" --> Word Count (97)
UserId="29575" Comment="edited body" --> Word Count (81)
UserId="1330" --> Word Count (67)
UserId="44389" --> Word Count (170)
UserId="56890" --> Word Count (87)
UserId="56890" Comment="deleted 71 characters in body" --> Word Count (76)
UserId="1330" Comment="edited body" --> Word Count (69)
UserId="54404" Comment="added 101 characters in body" --> Word Count (18)
UserId="21" Comment="104" --> Word Count (3)
UserId="27322" --> Word Count (189)
UserId="21" Comment="104" --> Word Count (3)
UserId="21" Comment="103" --> Word Count (3)
UserId="56895" --> Word Count (68)
UserId="56895" --> Word Count (13)
UserId="56895" --> Word Count (1)
UserId="21" Comment="104" --> Word Count (4)
UserId="45610" Comment="added 2 characters in body; edited title" --> Word
Count (181)
UserId="45610" Comment="added 2 characters in body; edited title" --> Word
Count (10)
UserId="-1" Comment="103" --> Word Count (3)
UserId="35597" --> Word Count (81)
UserId="35597" --> Word Count (13)
UserId="35597" --> Word Count (1)

UserId="56903" --> Word Count (284)
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 UserId="56903" --> Word Count (1)
 UserId="56904" --> Word Count (156)
 UserId="56904" --> Word Count (9)
 UserId="56904" --> Word Count (1)
 UserId="28175" --> Word Count (130)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="26019" Comment="edited body" --> Word Count (289)
 UserId="56903" Comment="deleted 2 characters in body" --> Word Count (292)
 UserId="56908" --> Word Count (130)
 UserId="56908" --> Word Count (7)
 UserId="56908" --> Word Count (1)
 UserId="56908" Comment="deleted 75 characters in body" --> Word Count (122)
 UserId="51515" --> Word Count (118)
 UserId="51515" --> Word Count (14)
 UserId="51515" --> Word Count (1)
 UserId="836" --> Word Count (102)
 UserId="56910" --> Word Count (43)
 UserId="49538" --> Word Count (66)
 UserId="-1" Comment="104" --> Word Count (3)
 UserId="56911" --> Word Count (120)
 UserId="56911" --> Word Count (3)
 UserId="56911" --> Word Count (1)
 UserId="45264" Comment="Formatting" --> Word Count (133)
 UserId="45756" --> Word Count (68)
 UserId="45756" --> Word Count (11)
 UserId="45756" --> Word Count (1)
 UserId="56227" --> Word Count (326)
 UserId="23204" --> Word Count (44)
 UserId="23204" --> Word Count (42)
 UserId="23204" --> Word Count (97)
 UserId="23204" --> Word Count (45)
 UserId="23204" --> Word Count (62)
 UserId="836" --> Word Count (377)
 UserId="45264" --> Word Count (478)
 UserId="23204" --> Word Count (99)
 UserId="23204" --> Word Count (107)
 UserId="23204" --> Word Count (115)
 UserId="23204" --> Word Count (147)
 UserId="54562" --> Word Count (91)
 UserId="54562" --> Word Count (14)
 UserId="54562" --> Word Count (1)
 UserId="36977" --> Word Count (39)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (120)
 UserId="29575" Comment="Minor grammar" --> Word Count (41)
 UserId="56802" --> Word Count (337)
 UserId="54581" --> Word Count (64)

UserId="54581" --> Word Count (25)
 UserId="54581" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (727)
 UserId="53477" --> Word Count (57)
 UserId="53477" --> Word Count (9)
 UserId="53477" --> Word Count (1)
 UserId="53940" --> Word Count (22)
 UserId="53940" Comment="added 247 characters in body" --> Word Count (53)
 UserId="53940" Comment="added 247 characters in body" --> Word Count (99)
 UserId="25139" --> Word Count (105)
 UserId="25139" --> Word Count (10)
 UserId="25139" --> Word Count (1)
 UserId="56446" --> Word Count (149)
 UserId="56446" --> Word Count (9)
 UserId="56446" --> Word Count (1)
 UserId="28175" --> Word Count (71)
 UserId="28175" --> Word Count (175)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="added 7 characters in body" --> Word Count (59)
 UserId="28175" Comment="edited tags" --> Word Count (110)
 UserId="28175" Comment="deleted 12 characters in body" --> Word Count (58)
 UserId="56922" --> Word Count (62)
 UserId="56922" --> Word Count (8)
 UserId="56922" --> Word Count (1)
 UserId="28175" --> Word Count (64)
 UserId="28175" Comment="added 4 characters in body; edited tags" --> Word Count (62)
 UserId="28175" Comment="added 4 characters in body; edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="deleted 1 character in body" --> Word Count (64)
 UserId="28175" Comment="added 1 character in body" --> Word Count (64)
 UserId="43472" --> Word Count (2267)
 UserId="56926" Text="I am trying to incorporate BM25F in textrank, I found out a scoring module <http://whoosh.readthedocs.io/en/latest/api/scoring.html>, but am unable to implement it. Has anyone incorporated this in textrank? How to go by this?

I incorporated --> Word Count (13)
 UserId="56926" Text=" --> Word Count (3)
 UserId="56926" --> Word Count (1)
 UserId="53824" --> Word Count (81)
 UserId="53824" Text=" --> Word Count (7)
 UserId="53824" --> Word Count (1)
 UserId="15569" --> Word Count (432)
 UserId="56928" --> Word Count (330)
 UserId="56928" --> Word Count (7)
 UserId="56928" --> Word Count (1)
 UserId="15569" Comment="added 164 characters in body" --> Word Count (491)
 UserId="56927" --> Word Count (192)

UserId="56927" --> Word Count (7)
 UserId="56927" --> Word Count (1)
 UserId="52068" Comment="added 79 characters in body" --> Word Count (282)
 UserId="54944" --> Word Count (71)
 UserId="53950" --> Word Count (132)
 UserId="-1" Comment="104" --> Word Count (2)
 UserId="32754" --> Word Count (439)
 UserId="32754" --> Word Count (8)
 UserId="32754" --> Word Count (1)
 UserId="56930" --> Word Count (132)
 UserId="56930" --> Word Count (9)
 UserId="56930" --> Word Count (1)
 UserId="56716" --> Word Count (60)
 UserId="41591" --> Word Count (51)
 UserId="41591" --> Word Count (8)
 UserId="41591" --> Word Count (1)
 UserId="54944" --> Word Count (173)
 UserId="56716" Comment="added 6 characters in body" --> Word Count (61)
 UserId="43879" --> Word Count (329)
 UserId="43879" --> Word Count (12)
 UserId="43879" --> Word Count (1)
 UserId="56938" --> Word Count (104)
 UserId="56938" --> Word Count (11)
 UserId="56938" --> Word Count (1)
 UserId="33202" Comment="easier to read and copy/paste code formatting." -->
 Word Count (71)
 UserId="56940" --> Word Count (137)
 UserId="56940" --> Word Count (7)
 UserId="56940" --> Word Count (1)
 UserId="53950" Comment="added 683 characters in body" --> Word Count (227)
 UserId="28175" --> Word Count (177)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (51)
 UserId="1330" --> Word Count (46)
 UserId="28175" Comment="added 4 characters in body" --> Word Count (177)
 UserId="56613" Comment="added 922 characters in body" --> Word Count (523)
 UserId="56935" Comment="deleted comments" --> Word Count (319)
 UserId="29575" Comment="deleted comments" --> Word Count (309)
 UserId="28175" Comment="added 19 characters in body" --> Word Count (73)
 UserId="28175" Comment="deleted 47 characters in body; edited title" --> Word
 Count (276)
 UserId="28175" Comment="deleted 47 characters in body; edited title" --> Word
 Count (12)
 UserId="33202" Comment="Rollback to [65721b25-b725-4c90-b3ad-b9d63030156a]" -->
 Word Count (71)
 UserId="54395" --> Word Count (178)
 UserId="56946" --> Word Count (58)
 UserId="3226" Comment="added 1 character in body" --> Word Count (111)

UserId="56947" --> Word Count (45)
 UserId="56947" --> Word Count (11)
 UserId="56947" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (58)
 UserId="43294" --> Word Count (83)
 UserId="54468" --> Word Count (59)
 UserId="54145" --> Word Count (280)
 UserId="50450" --> Word Count (218)
 UserId="56955" --> Word Count (899)
 UserId="56955" --> Word Count (11)
 UserId="56955" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (217)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (897)
 UserId="56956" --> Word Count (34)
 UserId="56956" Comment="added 538 characters in body" --> Word Count (234)
 UserId="56957" --> Word Count (40)
 UserId="56957" --> Word Count (8)
 UserId="56957" --> Word Count (1)
 UserId="27322" --> Word Count (148)
 UserId="56935" Comment="specify packages" --> Word Count (340)
 UserId="54468" --> Word Count (68)
 UserId="23204" --> Word Count (26)
 UserId="56960" --> Word Count (103)
 UserId="56960" --> Word Count (10)
 UserId="56960" --> Word Count (1)
 UserId="24883" --> Word Count (485)
 UserId="24883" --> Word Count (9)
 UserId="24883" --> Word Count (1)
 UserId="56401" --> Word Count (44)
 UserId="56401" --> Word Count (13)
 UserId="56401" --> Word Count (1)
 UserId="23204" --> Word Count (102)
 UserId="23204" --> Word Count (97)
 UserId="40853" Comment="added 41 characters in body" --> Word Count (144)
 UserId="3443" --> Word Count (290)
 UserId="3443" --> Word Count (16)
 UserId="3443" --> Word Count (1)
 UserId="3443" Comment="added 166 characters in body" --> Word Count (257)
 UserId="45264" Comment="Formatting" --> Word Count (143)
 UserId="45264" Comment="Formatting" --> Word Count (10)
 UserId="31487" --> Word Count (293)
 UserId="31487" --> Word Count (11)
 UserId="31487" --> Word Count (1)
 UserId="45264" --> Word Count (139)
 UserId="53361" Comment="added 1 character in body" --> Word Count (84)
 UserId="23204" --> Word Count (321)
 UserId="56977" --> Word Count (118)
 UserId="56977" --> Word Count (9)

UserId="56977" --> Word Count (1)
UserId="14904" --> Word Count (168)
UserId="33338" --> Word Count (32)
UserId="33338" --> Word Count (9)
UserId="33338" --> Word Count (1)
UserId="45264" --> Word Count (200)
UserId="28175" --> Word Count (96)
UserId="28175" Comment="edited tags" --> Word Count (1)
UserId="28175" Comment="edited tags" --> Word Count (44)
UserId="28175" Comment="added 15 characters in body" --> Word Count (99)
UserId="52851" --> Word Count (117)
UserId="44389" --> Word Count (147)
UserId="56983" --> Word Count (376)
UserId="56983" --> Word Count (14)
UserId="56983" --> Word Count (1)
UserId="56955" Comment="deleted 76 characters in body" --> Word Count (874)
UserId="56983" Comment="added 1002 characters in body" --> Word Count (623)
UserId="1330" Comment="added 65 characters in body" --> Word Count (54)
UserId="43472" --> Word Count (35)
UserId="43472" --> Word Count (59)
UserId="8560" --> Word Count (66)
UserId="1330" --> Word Count (35)
UserId="43077" Comment="added 12 characters in body" --> Word Count (134)
UserId="57004" --> Word Count (15)
UserId="57006" --> Word Count (73)
UserId="57006" --> Word Count (7)
UserId="57006" --> Word Count (1)
UserId="43077" Comment="added 71 characters in body" --> Word Count (106)
UserId="43077" Comment="added 1 character in body" --> Word Count (90)
UserId="29575" Comment="format list" --> Word Count (73)
UserId="57009" --> Word Count (56)
UserId="57009" --> Word Count (5)
UserId="57009" --> Word Count (1)
UserId="45264" --> Word Count (210)
UserId="43472" Comment="Minor textual corrections; hyperlink added." --> Word Count (65)
UserId="21" --> Word Count (4)
UserId="57010" --> Word Count (223)
UserId="57010" --> Word Count (10)
UserId="57010" --> Word Count (1)
UserId="56935" --> Word Count (301)
UserId="56906" --> Word Count (469)
UserId="56906" --> Word Count (16)
UserId="56906" --> Word Count (1)
UserId="56906" Comment="added 70 characters in body" --> Word Count (482)
UserId="29882" --> Word Count (139)
UserId="29882" --> Word Count (14)
UserId="29882" --> Word Count (1)

UserId="23305" --> Word Count (103)
 UserId="23305" Comment="expand title for easier search" --> Word Count (14)
 UserId="57019" --> Word Count (75)
 UserId="57019" --> Word Count (13)
 UserId="57019" --> Word Count (1)
 UserId="57017" --> Word Count (45)
 UserId="57017" --> Word Count (6)
 UserId="57017" --> Word Count (1)
 UserId="29575" --> Word Count (219)
 UserId="29575" Comment="Minor formatting" --> Word Count (428)
 UserId="57025" --> Word Count (76)
 UserId="57025" --> Word Count (7)
 UserId="57025" --> Word Count (1)
 UserId="29575" Comment="simplified" --> Word Count (190)
 UserId="57031" --> Word Count (74)
 UserId="57031" --> Word Count (7)
 UserId="57031" --> Word Count (1)
 UserId="37330" --> Word Count (76)
 UserId="56593" --> Word Count (208)
 UserId="56593" --> Word Count (12)
 UserId="56593" --> Word Count (1)
 UserId="57033" --> Word Count (215)
 UserId="57033" --> Word Count (7)
 UserId="57033" --> Word Count (1)
 UserId="56938" Comment="added 646 characters in body" --> Word Count (200)
 UserId="53361" Comment="added 429 characters in body" --> Word Count (504)
 UserId="42498" --> Word Count (88)
 UserId="42498" --> Word Count (15)
 UserId="42498" --> Word Count (1)
 UserId="14904" --> Word Count (48)
 UserId="23204" --> Word Count (97)
 UserId="54229" --> Word Count (44)
 UserId="54229" --> Word Count (9)
 UserId="54229" --> Word Count (1)
 UserId="34269" --> Word Count (398)
 UserId="56414" --> Word Count (148)
 UserId="56414" --> Word Count (6)
 UserId="56414" --> Word Count (1)
 UserId="28175" --> Word Count (123)
 UserId="28175" Comment="added 4 characters in body" --> Word Count (154)
 UserId="-1" Comment="103" --> Word Count (2)
 UserId="57042" --> Word Count (76)
 UserId="34269" Comment="corrected spelling" --> Word Count (75)
 UserId="29575" Comment="corrected spelling" --> Word Count (74)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (67)
 UserId="33202" --> Word Count (79)
 UserId="57046" --> Word Count (23)
 UserId="57046" --> Word Count (2)

UserId="57046" --> Word Count (1)
 UserId="37739" --> Word Count (60)
 UserId="37739" --> Word Count (8)
 UserId="37739" --> Word Count (1)
 UserId="54209" --> Word Count (148)
 UserId="54209" --> Word Count (6)
 UserId="54209" --> Word Count (1)
 UserId="29575" Comment="Minor grammar / add tag" --> Word Count (17)
 UserId="29575" Comment="Minor grammar / add tag" --> Word Count (1)
 UserId="9011" --> Word Count (105)
 UserId="9011" --> Word Count (5)
 UserId="9011" --> Word Count (1)
 UserId="9123" --> Word Count (31)
 UserId="17290" --> Word Count (97)
 UserId="57050" --> Word Count (94)
 UserId="57050" --> Word Count (6)
 UserId="57050" --> Word Count (1)
 UserId="57048" --> Word Count (95)
 UserId="57048" --> Word Count (10)
 UserId="57048" --> Word Count (1)
 UserId="57002" --> Word Count (56)
 UserId="57052" --> Word Count (101)
 UserId="57052" --> Word Count (13)
 UserId="57052" --> Word Count (1)
 UserId="53824" Comment="added 95 characters in body" --> Word Count (90)
 UserId="57055" --> Word Count (90)
 UserId="28175" Comment="added 188 characters in body" --> Word Count (198)
 UserId="52784" --> Word Count (107)
 UserId="52784" --> Word Count (4)
 UserId="52784" --> Word Count (1)
 UserId="24792" --> Word Count (66)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (82)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (81)
 UserId="924" --> Word Count (47)
 UserId="49375" --> Word Count (132)
 UserId="28175" --> Word Count (68)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (82)
 UserId="56414" --> Word Count (25)
 UserId="56414" --> Word Count (6)
 UserId="56414" --> Word Count (1)
 UserId="3314" --> Word Count (67)
 UserId="3314" --> Word Count (6)
 UserId="3314" --> Word Count (1)
 UserId="27114" --> Word Count (30)
 UserId="20570" --> Word Count (36)
 UserId="41591" Comment="Updated the text " --> Word Count (286)
 UserId="29575" Comment="Updated the text " --> Word Count (286)

UserId="924" --> Word Count (33)
 UserId="47832" --> Word Count (111)
 UserId="47832" --> Word Count (4)
 UserId="47832" --> Word Count (1)
 UserId="57072" --> Word Count (183)
 UserId="47832" Comment="added 10 characters in body" --> Word Count (114)
 UserId="8820" --> Word Count (59)
 UserId="40853" Comment="changed question heading" Text=" --> Word Count (7)
 UserId="28249" --> Word Count (27)
 UserId="53303" --> Word Count (38)
 UserId="53303" --> Word Count (3)
 UserId="53303" --> Word Count (1)
 UserId="57076" --> Word Count (132)
 UserId="57076" --> Word Count (15)
 UserId="57076" --> Word Count (1)
 UserId="57033" --> Word Count (177)
 UserId="57033" --> Word Count (6)
 UserId="57033" --> Word Count (1)
 UserId="40515" --> Word Count (30)
 UserId="40515" --> Word Count (15)
 UserId="40515" --> Word Count (1)
 UserId="57078" --> Word Count (86)
 UserId="57078" --> Word Count (8)
 UserId="57078" --> Word Count (1)
 UserId="54713" --> Word Count (161)
 UserId="54713" --> Word Count (6)
 UserId="54713" --> Word Count (1)
 UserId="54395" --> Word Count (421)
 UserId="23204" --> Word Count (28)
 UserId="23204" --> Word Count (163)
 UserId="57082" --> Word Count (24)
 UserId="57082" --> Word Count (19)
 UserId="57082" --> Word Count (1)
 UserId="28175" --> Word Count (47)
 UserId="23204" --> Word Count (469)
 UserId="42354" --> Word Count (33)
 UserId="23204" Comment="Fixed a typo in the title. Re-organized questions into numbered list." --> Word Count (113)
 UserId="23204" Comment="Fixed a typo in the title. Re-organized questions into numbered list." --> Word Count (5)
 UserId="29575" Comment="Fixed a typo in the title. Re-organized questions into numbered list." --> Word Count (113)
 UserId="57083" --> Word Count (301)
 UserId="57083" --> Word Count (5)
 UserId="57083" --> Word Count (1)
 UserId="57019" Comment="issue resolved" --> Word Count (687)
 UserId="28175" --> Word Count (181)
 UserId="28175" Comment="added 8 characters in body; edited tags" --> Word Count

(87)

UserId="28175" Comment="added 8 characters in body; edited tags" --> Word Count (1)

UserId="27983" --> Word Count (60)

UserId="47832" Comment="edited tags" --> Word Count (1)

UserId="53950" --> Word Count (80)

UserId="53950" --> Word Count (102)

UserId="41591" --> Word Count (153)

UserId="41591" --> Word Count (8)

UserId="41591" --> Word Count (1)

UserId="56938" Comment="edited title" --> Word Count (12)

UserId="56938" --> Word Count (15)

UserId="49060" --> Word Count (105)

UserId="57082" --> Word Count (8)

UserId="57082" --> Word Count (9)

UserId="57082" --> Word Count (1)

UserId="1426" --> Word Count (51)

UserId="57091" --> Word Count (560)

UserId="57091" --> Word Count (6)

UserId="57091" --> Word Count (1)

UserId="50363" Comment="tried to clarify table formatting, spelling fixes" --> Word Count (240)

UserId="45264" --> Word Count (337)

UserId="50363" --> Word Count (121)

UserId="45264" --> Word Count (161)

UserId="57095" --> Word Count (253)

UserId="57095" --> Word Count (3)

UserId="57095" --> Word Count (1)

UserId="57100" --> Word Count (88)

UserId="57100" --> Word Count (8)

UserId="57100" --> Word Count (1)

UserId="50363" Comment="I was wrong!" --> Word Count (111)

UserId="57099" --> Word Count (190)

UserId="57099" --> Word Count (9)

UserId="57099" --> Word Count (1)

UserId="57099" Comment="deleted 3 characters in body" --> Word Count (190)

UserId="57098" --> Word Count (106)

UserId="57091" --> Word Count (347)

UserId="57099" Comment="deleted 416 characters in body" --> Word Count (117)

UserId="1330" Comment="[Edit removed during grace period]" --> Word Count (73)

UserId="1330" --> Word Count (93)

UserId="1330" Comment="added 421 characters in body" --> Word Count (198)

UserId="41591" Comment="Updated the text " --> Word Count (240)

UserId="29575" Comment="Updated the text " --> Word Count (241)

UserId="57098" Comment="added 10 characters in body" --> Word Count (107)

UserId="57099" Comment="deleted 7 characters in body" --> Word Count (115)

UserId="924" --> Word Count (102)

UserId="50363" Comment="readability edits" --> Word Count (188)

UserId="57098" Comment="edited body" --> Word Count (188)
 UserId="57098" --> Word Count (251)
 UserId="57098" --> Word Count (16)
 UserId="57098" --> Word Count (1)
 UserId="57098" Comment="added 4 characters in body" --> Word Count (254)
 UserId="30931" --> Word Count (149)
 UserId="30931" --> Word Count (8)
 UserId="30931" --> Word Count (1)
 UserId="46230" --> Word Count (108)
 UserId="46230" --> Word Count (5)
 UserId="46230" --> Word Count (1)
 UserId="57108" --> Word Count (13)
 UserId="57108" --> Word Count (7)
 UserId="57108" --> Word Count (1)
 UserId="56927" --> Word Count (123)
 UserId="57091" Comment="added 1846 characters in body" --> Word Count (812)
 UserId="34269" --> Word Count (127)
 UserId="45264" --> Word Count (119)
 UserId="54627" --> Word Count (251)
 UserId="54627" --> Word Count (9)
 UserId="54627" --> Word Count (1)
 UserId="41591" --> Word Count (49)
 UserId="41591" --> Word Count (12)
 UserId="41591" --> Word Count (1)
 UserId="34269" --> Word Count (129)
 UserId="8517" --> Word Count (116)
 UserId="8517" --> Word Count (9)
 UserId="8517" --> Word Count (1)
 UserId="34269" Comment="corrected spelling and syntax of the title" --> Word Count (49)
 UserId="34269" Comment="corrected spelling and syntax of the title" --> Word Count (14)
 UserId="29575" Comment="corrected spelling and syntax of the title" --> Word Count (50)
 UserId="57033" --> Word Count (409)
 UserId="57033" --> Word Count (5)
 UserId="57033" --> Word Count (1)
 UserId="8820" Comment="added 88 characters in body" --> Word Count (94)
 UserId="49737" --> Word Count (21)
 UserId="49737" --> Word Count (5)
 UserId="49737" --> Word Count (1)
 UserId="8820" Comment="added 108 characters in body" --> Word Count (65)
 UserId="57120" --> Word Count (92)
 UserId="57120" --> Word Count (15)
 UserId="57120" --> Word Count (1)
 UserId="41591" --> Word Count (53)
 UserId="41591" --> Word Count (12)
 UserId="41591" --> Word Count (1)

UserId="39338" --> Word Count (26)
 UserId="39338" Comment="via Vote" --> Word Count (2)
 UserId="39338" Comment="deleted 79 characters in body" --> Word Count (9)
 UserId="39338" --> Word Count (2)
 UserId="57123" --> Word Count (113)
 UserId="57123" --> Word Count (6)
 UserId="57123" --> Word Count (1)
 UserId="44389" --> Word Count (138)
 UserId="57126" --> Word Count (77)
 UserId="57125" --> Word Count (131)
 UserId="57125" --> Word Count (7)
 UserId="57125" --> Word Count (1)
 UserId="45264" --> Word Count (148)
 UserId="57129" --> Word Count (214)
 UserId="57129" --> Word Count (13)
 UserId="57129" --> Word Count (1)
 UserId="45264" --> Word Count (230)
 UserId="57136" --> Word Count (39)
 UserId="57136" --> Word Count (6)
 UserId="57136" --> Word Count (1)
 UserId="34269" --> Word Count (99)
 UserId="50384" --> Word Count (74)
 UserId="41591" Comment="updated the text" --> Word Count (132)
 UserId="29575" Comment="updated the text" --> Word Count (124)
 UserId="45264" --> Word Count (1014)
 UserId="45012" --> Word Count (251)
 UserId="45012" --> Word Count (8)
 UserId="45012" --> Word Count (1)
 UserId="53479" --> Word Count (229)
 UserId="53479" Comment="added 3 characters in body" --> Word Count (228)
 UserId="45264" --> Word Count (638)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (31)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (1)
 UserId="51125" Comment="deleted 459 characters in body" --> Word Count (106)
 UserId="57091" --> Word Count (107)
 UserId="33202" --> Word Count (75)
 UserId="45264" Comment="added 452 characters in body" --> Word Count (1075)
 UserId="15569" --> Word Count (66)
 UserId="15569" --> Word Count (7)
 UserId="15569" --> Word Count (1)
 UserId="57141" --> Word Count (107)
 UserId="57141" --> Word Count (6)
 UserId="57141" --> Word Count (1)
 UserId="57050" --> Word Count (96)
 UserId="57050" --> Word Count (6)
 UserId="57050" --> Word Count (1)
 UserId="45264" Comment="Added further information after comment." --> Word Count (1127)

UserId="57141" Comment="deleted 1 character in body" --> Word Count (107)
 UserId="44389" Comment="typo removed" --> Word Count (97)
 UserId="57147" --> Word Count (181)
 UserId="57147" --> Word Count (9)
 UserId="57147" --> Word Count (1)
 UserId="15569" --> Word Count (45)
 UserId="15569" --> Word Count (10)
 UserId="15569" --> Word Count (1)
 UserId="38307" --> Word Count (364)
 UserId="38307" --> Word Count (14)
 UserId="38307" --> Word Count (1)
 UserId="51125" --> Word Count (173)
 UserId="51125" --> Word Count (11)
 UserId="51125" --> Word Count (1)
 UserId="38307" --> Word Count (517)
 UserId="38307" Comment="added 244 characters in body" --> Word Count (551)
 UserId="57158" --> Word Count (209)
 UserId="57158" --> Word Count (12)
 UserId="57158" --> Word Count (1)
 UserId="34269" Comment="improved formatting" --> Word Count (281)
 UserId="29575" Comment="improved formatting" --> Word Count (281)
 UserId="50384" --> Word Count (84)
 UserId="57164" --> Word Count (232)
 UserId="57164" --> Word Count (12)
 UserId="57164" --> Word Count (1)
 UserId="56971" --> Word Count (144)
 UserId="56971" --> Word Count (9)
 UserId="56971" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (155)
 UserId="41591" --> Word Count (23)
 UserId="44083" --> Word Count (139)
 UserId="44083" --> Word Count (10)
 UserId="44083" --> Word Count (1)
 UserId="29412" Comment="code is added" --> Word Count (72)
 UserId="29412" Comment="code is added" --> Word Count (50)
 UserId="44083" Comment="edited tags" --> Word Count (1)
 UserId="29412" --> Word Count (92)
 UserId="29412" --> Word Count (49)
 UserId="57082" --> Word Count (29)
 UserId="57082" --> Word Count (11)
 UserId="57082" --> Word Count (1)
 UserId="44083" --> Word Count (244)
 UserId="44456" Comment="edited body" --> Word Count (259)
 UserId="44456" Comment="added 14 characters in body" --> Word Count (226)
 UserId="57130" --> Word Count (168)
 UserId="57167" --> Word Count (1243)
 UserId="57167" --> Word Count (7)
 UserId="57167" --> Word Count (1)

UserId="45264" --> Word Count (211)
UserId="924" Comment="edited tags" --> Word Count (1)
UserId="40592" --> Word Count (338)
UserId="56246" --> Word Count (451)
UserId="56246" --> Word Count (13)
UserId="56246" --> Word Count (1)
UserId="41591" --> Word Count (39)
UserId="57169" --> Word Count (84)
UserId="57169" --> Word Count (11)
UserId="57169" --> Word Count (1)
UserId="54395" --> Word Count (407)
UserId="57082" --> Word Count (33)
UserId="57082" --> Word Count (7)
UserId="57082" --> Word Count (1)
UserId="56246" Comment="edited title" --> Word Count (5)
UserId="54271" --> Word Count (191)
UserId="54271" --> Word Count (4)
UserId="54271" --> Word Count (1)
UserId="28175" --> Word Count (111)
UserId="28175" Comment="deleted 19 characters in body; edited tags" --> Word Count (31)
UserId="28175" Comment="deleted 19 characters in body; edited tags" --> Word Count (1)
UserId="28175" --> Word Count (119)
UserId="28175" Comment="added 1 character in body; edited tags" --> Word Count (83)
UserId="28175" Comment="added 1 character in body; edited tags" --> Word Count (1)
UserId="45264" Comment="added tags" --> Word Count (1)
UserId="57175" --> Word Count (25)
UserId="45264" --> Word Count (168)
UserId="8041" --> Word Count (120)
UserId="45264" Comment="Added more information around general workflow." --> Word Count (352)
UserId="13748" Comment="Avoid the use of greetings and similar" --> Word Count (160)
UserId="29575" Comment="Avoid the use of greetings and similar" --> Word Count (157)
UserId="29575" Comment="Format Link" --> Word Count (27)
UserId="28175" Comment="added 403 characters in body" --> Word Count (184)
UserId="21" Comment="102" --> Word Count (3)
UserId="57157" Comment="the python-numpy expression for 'cost' variable is modified, because i've tried the original solution provided by @Neil but didn't work correctly so to make it accurate I have changed the 'cost' variable formula." --> Word Count (230)
UserId="47359" --> Word Count (112)
UserId="47359" --> Word Count (5)
UserId="47359" --> Word Count (1)

UserId="47359" Comment="edited title" --> Word Count (6)
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UserId="57178" --> Word Count (79)
UserId="57130" --> Word Count (83)
UserId="50519" Comment="added 80 characters in body; added 33 characters in body; edited title; deleted 5 characters in body" --> Word Count (148)
UserId="50519" Comment="added 20 characters in body" --> Word Count (41)
UserId="50519" Comment="added 80 characters in body; added 33 characters in body; edited title; deleted 5 characters in body" --> Word Count (12)
UserId="57178" Comment="added 2 characters in body" --> Word Count (79)
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UserId="56414" --> Word Count (1)
UserId="57130" --> Word Count (98)
UserId="57178" Comment="added 59 characters in body" --> Word Count (78)
UserId="29575" Comment="Minor formatting" --> Word Count (83)
UserId="29575" Comment="Minor formatting" --> Word Count (98)
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UserId="57178" --> Word Count (78)
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UserId="48997" --> Word Count (1)
UserId="50519" Comment="edited title" --> Word Count (12)
UserId="34269" --> Word Count (111)
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UserId="15569" --> Word Count (9)
UserId="15569" --> Word Count (1)
UserId="57194" --> Word Count (159)
UserId="57194" --> Word Count (16)
UserId="57194" --> Word Count (1)
UserId="57130" --> Word Count (554)
UserId="14588" --> Word Count (85)
UserId="50519" Comment="deleted 9 characters in body; added 21 characters in body; deleted 15 characters in body" --> Word Count (148)
UserId="47832" --> Word Count (148)
UserId="44456" --> Word Count (65)
UserId="43077" Comment="added 8 characters in body" --> Word Count (169)

UserId="57204" --> Word Count (89)
 UserId="43077" Comment="added 16 characters in body" --> Word Count (170)
 UserId="57130" Comment="added 24 characters in body" --> Word Count (574)
 UserId="13748" Comment="Clarification on the specific question" --> Word Count (1254)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (400)
 UserId="30617" Comment="Improved formatting" --> Word Count (179)
 UserId="29575" Comment="Improved formatting" --> Word Count (175)
 UserId="50519" Comment="added 4 characters in body" --> Word Count (148)
 UserId="50519" Comment="added 176 characters in body" --> Word Count (173)
 UserId="8560" --> Word Count (109)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="50519" --> Word Count (24)
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 UserId="57212" --> Word Count (1)
 UserId="50519" Comment="added 70 characters in body" --> Word Count (46)
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 UserId="57214" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (480)
 UserId="50991" --> Word Count (273)
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 UserId="57213" Comment="explaining more to clarify the question" --> Word Count (342)
 UserId="29575" Comment="explaining more to clarify the question" --> Word Count (343)
 UserId="29575" Comment="Minor formatting" --> Word Count (47)
 UserId="29575" Comment="Minor formatting" --> Word Count (4)
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 UserId="57216" --> Word Count (1)
 UserId="49375" --> Word Count (170)
 UserId="29575" Comment="typo corrected" --> Word Count (114)
 UserId="29575" Comment="Fix typo" --> Word Count (25)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (262)

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 UserId="29575" Comment="Fix typo" --> Word Count (441)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (73)
 UserId="29575" Comment="Minor formatting" --> Word Count (123)
 UserId="15569" Comment="added 405 characters in body" --> Word Count (95)
 UserId="57222" --> Word Count (188)
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 UserId="57222" --> Word Count (1)
 UserId="38538" --> Word Count (71)
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 UserId="38538" --> Word Count (1)
 UserId="57227" --> Word Count (49)
 UserId="57227" --> Word Count (9)
 UserId="57227" --> Word Count (1)
 UserId="15569" Comment="added 70 characters in body" --> Word Count (107)
 UserId="39338" Comment="grammar fixed" --> Word Count (71)
 UserId="15569" --> Word Count (37)
 UserId="51125" Comment="added 198 characters in body" --> Word Count (94)
 UserId="57229" --> Word Count (309)
 UserId="57229" --> Word Count (10)
 UserId="57229" --> Word Count (1)
 UserId="54395" --> Word Count (270)
 UserId="56246" --> Word Count (194)
 UserId="56246" --> Word Count (9)
 UserId="56246" --> Word Count (1)
 UserId="45264" --> Word Count (219)
 UserId="45264" Comment="Formatting and language" --> Word Count (192)
 UserId="45264" Comment="Formatting and language" --> Word Count (1)
 UserId="50519" Comment="added 153 characters in body" --> Word Count (87)
 UserId="54395" --> Word Count (203)
 UserId="45264" --> Word Count (331)
 UserId="15569" --> Word Count (44)
 UserId="57231" --> Word Count (101)
 UserId="57231" --> Word Count (9)
 UserId="57231" --> Word Count (1)
 UserId="57234" --> Word Count (69)
 UserId="34269" --> Word Count (148)
 UserId="57239" --> Word Count (492)
 UserId="57239" --> Word Count (4)
 UserId="57239" --> Word Count (1)
 UserId="56853" --> Word Count (179)
 UserId="57240" --> Word Count (110)
 UserId="57240" --> Word Count (13)
 UserId="57240" --> Word Count (1)
 UserId="57241" --> Word Count (3275)
 UserId="57241" --> Word Count (6)
 UserId="57241" --> Word Count (1)
 UserId="57233" --> Word Count (104)

UserId="57233" Comment="deleted 1 character in body" --> Word Count (104)
 UserId="56743" --> Word Count (71)
 UserId="56743" --> Word Count (6)
 UserId="56743" --> Word Count (1)
 UserId="51209" --> Word Count (144)
 UserId="57248" --> Word Count (77)
 UserId="57248" --> Word Count (5)
 UserId="57248" --> Word Count (1)
 UserId="57247" --> Word Count (136)
 UserId="57247" --> Word Count (3)
 UserId="57247" --> Word Count (1)
 UserId="57231" Comment="deleted 4 characters in body" --> Word Count (101)
 UserId="52089" --> Word Count (135)
 UserId="54395" --> Word Count (191)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (134)
 UserId="57231" Comment="added 61 characters in body" --> Word Count (112)
 UserId="57250" --> Word Count (275)
 UserId="57250" --> Word Count (8)
 UserId="57250" --> Word Count (1)
 UserId="56246" Comment="deleted 146 characters in body" --> Word Count (166)
 UserId="57254" --> Word Count (215)
 UserId="57254" --> Word Count (9)
 UserId="57254" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (133)
 UserId="57178" --> Word Count (54)
 UserId="45264" --> Word Count (403)
 UserId="23240" --> Word Count (206)
 UserId="23240" --> Word Count (7)
 UserId="23240" --> Word Count (1)
 UserId="57231" Comment="added 28 characters in body" --> Word Count (116)
 UserId="46995" --> Word Count (109)
 UserId="46995" --> Word Count (7)
 UserId="46995" --> Word Count (1)
 UserId="46995" Comment="added 2 characters in body" --> Word Count (109)
 UserId="54395" --> Word Count (69)
 UserId="54395" Comment="added 1 character in body" --> Word Count (69)
 UserId="54395" --> Word Count (174)
 UserId="54586" --> Word Count (655)
 UserId="54586" --> Word Count (11)
 UserId="54586" --> Word Count (1)
 UserId="45198" --> Word Count (381)
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 UserId="45198" --> Word Count (1)
 UserId="54395" Comment="added 527 characters in body" --> Word Count (329)
 UserId="54713" --> Word Count (73)
 UserId="54713" --> Word Count (8)
 UserId="54713" --> Word Count (1)
 UserId="50363" --> Word Count (950)

UserId="50363" Comment="typo" --> Word Count (950)
UserId="924" --> Word Count (76)
UserId="924" --> Word Count (90)
UserId="46995" Comment="added 87 characters in body" --> Word Count (113)
UserId="17310" --> Word Count (104)
UserId="17310" --> Word Count (10)
UserId="17310" --> Word Count (1)
UserId="54713" Comment="edited tags" --> Word Count (1)
UserId="50899" --> Word Count (100)
UserId="50899" --> Word Count (9)
UserId="50899" --> Word Count (1)
UserId="14675" --> Word Count (83)
UserId="57263" --> Word Count (277)
UserId="28175" Comment="added 7 characters in body" --> Word Count (103)
UserId="21" Comment="102" --> Word Count (3)
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UserId="56666" --> Word Count (7)
UserId="56666" --> Word Count (1)
UserId="51209" --> Word Count (78)
UserId="8517" --> Word Count (212)
UserId="43077" --> Word Count (206)
UserId="43077" --> Word Count (8)
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UserId="54661" --> Word Count (9)
UserId="54661" --> Word Count (1)
UserId="56177" --> Word Count (110)
UserId="56177" --> Word Count (13)
UserId="56177" --> Word Count (1)
UserId="56955" --> Word Count (880)
UserId="56955" --> Word Count (7)
UserId="56955" --> Word Count (1)
UserId="8820" --> Word Count (257)
UserId="8820" --> Word Count (13)
UserId="8820" --> Word Count (1)
UserId="8820" Comment="added 213 characters in body; edited tags; edited title"
--> Word Count (282)
UserId="8820" Comment="added 213 characters in body; edited tags; edited title"
--> Word Count (14)
UserId="8820" Comment="added 213 characters in body; edited tags; edited title"
--> Word Count (1)
UserId="8820" Comment="added 119 characters in body" --> Word Count (74)
UserId="57282" --> Word Count (35)
UserId="57282" --> Word Count (15)
UserId="57282" --> Word Count (1)
UserId="54671" --> Word Count (26)
UserId="57283" --> Word Count (149)
UserId="57283" --> Word Count (8)

UserId="57283" --> Word Count (1)
UserId="57285" --> Word Count (41)
UserId="57285" --> Word Count (5)
UserId="57285" --> Word Count (1)
UserId="57247" Comment="added code" --> Word Count (2278)
UserId="57247" Comment="added code" --> Word Count (1)
UserId="57231" Comment="added 70 characters in body" --> Word Count (128)
UserId="54395" --> Word Count (205)
UserId="14675" Comment="added 71 characters in body" --> Word Count (95)
UserId="53439" --> Word Count (55)
UserId="53439" --> Word Count (6)
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UserId="57290" --> Word Count (63)
UserId="57290" --> Word Count (11)
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UserId="57194" --> Word Count (44)
UserId="57194" --> Word Count (20)
UserId="57194" --> Word Count (1)
UserId="52089" --> Word Count (105)
UserId="52089" Comment="typos" --> Word Count (64)
UserId="43077" Comment="added 115 characters in body" --> Word Count (231)
UserId="57291" --> Word Count (424)
UserId="57291" --> Word Count (9)
UserId="57291" --> Word Count (1)
UserId="43077" Comment="deleted 902 characters in body" --> Word Count (99)
UserId="46995" Comment="added 73 characters in body" --> Word Count (118)
UserId="57295" --> Word Count (53)
UserId="57295" --> Word Count (7)
UserId="57295" --> Word Count (1)
UserId="57250" --> Word Count (25)
UserId="57250" --> Word Count (17)
UserId="57231" Comment="added 51 characters in body" --> Word Count (138)
UserId="57250" --> Word Count (69)
UserId="57297" --> Word Count (188)
UserId="57297" --> Word Count (14)
UserId="57297" --> Word Count (1)
UserId="57250" --> Word Count (51)
UserId="57231" Comment="deleted 4 characters in body" --> Word Count (137)
UserId="52089" Comment="typos" --> Word Count (15)
UserId="43077" Comment="added 36 characters in body" --> Word Count (107)
UserId="56985" --> Word Count (325)
UserId="56985" --> Word Count (10)
UserId="56985" --> Word Count (1)
UserId="52664" --> Word Count (145)
UserId="52664" --> Word Count (7)
UserId="52664" --> Word Count (1)
UserId="34269" Comment="improved formatting" --> Word Count (50)
UserId="26019" Comment="edited body" --> Word Count (194)

UserId="52664" Comment="edited title" --> Word Count (6)
 UserId="29575" Comment="edited body" --> Word Count (194)
 UserId="26019" Comment="edited body" --> Word Count (35)
 UserId="29575" Comment="edited body" --> Word Count (33)
 UserId="29575" Comment="edited body" --> Word Count (12)
 UserId="836" --> Word Count (85)
 UserId="54661" Comment="deleted 2 characters in body" --> Word Count (61)
 UserId="13748" --> Word Count (188)
 UserId="57310" --> Word Count (4194)
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 UserId="57311" --> Word Count (93)
 UserId="57311" --> Word Count (8)
 UserId="57311" --> Word Count (1)
 UserId="29575" Comment="Clarify Question" --> Word Count (32)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (4161)
 UserId="54667" Comment="edited title" --> Word Count (10)
 UserId="57082" --> Word Count (26)
 UserId="34269" Comment="fixed typo" --> Word Count (506)
 UserId="38307" --> Word Count (358)
 UserId="28175" --> Word Count (1)
 UserId="28175" --> Word Count (11)
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 UserId="49375" --> Word Count (12)
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 UserId="21" Comment="104" --> Word Count (3)
 UserId="57178" --> Word Count (41)
 UserId="57178" --> Word Count (12)
 UserId="57178" --> Word Count (1)
 UserId="32963" --> Word Count (112)
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 UserId="32963" --> Word Count (1)
 UserId="57178" Comment="edited title" --> Word Count (11)
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 UserId="57321" --> Word Count (1)
 UserId="53337" --> Word Count (226)
 UserId="53337" --> Word Count (11)

UserId="53337" --> Word Count (1)
 UserId="43077" Comment="added 13 characters in body" --> Word Count (109)
 UserId="53337" --> Word Count (110)
 UserId="53337" --> Word Count (16)
 UserId="53337" --> Word Count (1)
 UserId="57326" --> Word Count (314)
 UserId="57326" --> Word Count (7)
 UserId="57326" --> Word Count (1)
 UserId="17310" --> Word Count (199)
 UserId="17310" --> Word Count (10)
 UserId="17310" --> Word Count (1)
 UserId="51007" --> Word Count (412)
 UserId="51007" --> Word Count (11)
 UserId="51007" --> Word Count (1)
 UserId="924" --> Word Count (54)
 UserId="1330" --> Word Count (58)
 UserId="38261" --> Word Count (130)
 UserId="29575" Comment="Minor grammar" --> Word Count (130)
 UserId="54586" Comment="corrected the output data" --> Word Count (655)
 UserId="51209" --> Word Count (24)
 UserId="924" Comment="added 173 characters in body; added 9 characters in body"
 --> Word Count (84)
 UserId="50991" --> Word Count (142)
 UserId="50991" --> Word Count (5)
 UserId="50991" --> Word Count (1)
 UserId="122" --> Word Count (290)
 UserId="122" --> Word Count (5)
 UserId="122" --> Word Count (1)
 UserId="24005" --> Word Count (128)
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 UserId="24005" --> Word Count (1)
 UserId="122" Comment="added 452 characters in body" --> Word Count (376)
 UserId="57091" Comment="added 968 characters in body" --> Word Count (1002)
 UserId="57342" --> Word Count (66)
 UserId="57342" --> Word Count (7)
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 UserId="56808" --> Word Count (1)
 UserId="28175" Comment="deleted 26 characters in body" --> Word Count (7)
 UserId="28175" Comment="edited tags" --> Word Count (1)
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 UserId="28175" Comment="edited tags" --> Word Count (1)
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 UserId="54469" --> Word Count (5)

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 UserId="57351" --> Word Count (1)
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 UserId="57353" --> Word Count (1)
 UserId="54395" Comment="fixed wording and code block" --> Word Count (98)
 UserId="52089" Comment="spelling / grammar" --> Word Count (654)
 UserId="52089" Comment="spelling / grammar" --> Word Count (11)
 UserId="15569" --> Word Count (32)
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 UserId="15569" --> Word Count (1)
 UserId="26019" Comment="edited body" --> Word Count (64)
 UserId="13450" --> Word Count (63)
 UserId="45264" --> Word Count (1776)
 UserId="57099" --> Word Count (97)
 UserId="57099" --> Word Count (4)
 UserId="57099" --> Word Count (1)
 UserId="57099" Comment="edited title" --> Word Count (7)
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 UserId="57082" --> Word Count (4)
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 UserId="54468" --> Word Count (82)
 UserId="10169" --> Word Count (54)
 UserId="57099" Comment="added 44 characters in body" --> Word Count (106)
 UserId="56985" --> Word Count (848)
 UserId="56985" --> Word Count (9)
 UserId="56985" --> Word Count (1)
 UserId="56854" --> Word Count (38)
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 UserId="56854" --> Word Count (1)
 UserId="35679" --> Word Count (35)
 UserId="18418" --> Word Count (178)
 UserId="57361" --> Word Count (313)
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 UserId="56854" Comment="deleted 4 characters in body" --> Word Count (37)
 UserId="23305" --> Word Count (129)
 UserId="23305" Comment="added 16 characters in body" --> Word Count (40)
 UserId="57368" --> Word Count (295)
 UserId="57368" --> Word Count (13)
 UserId="57368" --> Word Count (1)
 UserId="53890" --> Word Count (143)
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 UserId="53890" --> Word Count (1)

UserId="45198" Comment="corrected question 2 to sound more technical" --> Word Count (417)
UserId="57375" --> Word Count (50)
UserId="57375" --> Word Count (8)
UserId="57375" --> Word Count (1)
UserId="44456" --> Word Count (44)
UserId="57380" --> Word Count (29)
UserId="57380" --> Word Count (9)
UserId="57380" --> Word Count (1)
UserId="57378" --> Word Count (69)
UserId="57378" --> Word Count (8)
UserId="57378" --> Word Count (1)
UserId="45264" --> Word Count (150)
UserId="45264" Comment="Formatting and added tag" --> Word Count (29)
UserId="45264" Comment="Formatting and added tag" --> Word Count (9)
UserId="45264" Comment="Formatting and added tag" --> Word Count (1)
UserId="600" --> Word Count (38)
UserId="600" Comment="deleted 72 characters in body" --> Word Count (24)
UserId="54468" --> Word Count (70)
UserId="57387" --> Word Count (95)
UserId="57387" --> Word Count (5)
UserId="57387" --> Word Count (1)
UserId="51209" --> Word Count (74)
UserId="50441" --> Word Count (33)
UserId="50441" --> Word Count (14)
UserId="50441" --> Word Count (1)
UserId="57361" --> Word Count (408)
UserId="50441" Comment="Added more information" --> Word Count (112)
UserId="29575" Comment="Remove extra commentary" --> Word Count (286)
UserId="54468" --> Word Count (39)
UserId="57391" --> Word Count (453)
UserId="57391" --> Word Count (14)
UserId="57391" --> Word Count (1)
UserId="34269" --> Word Count (574)
UserId="57394" --> Word Count (186)
UserId="57394" --> Word Count (5)
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UserId="57396" --> Word Count (142)
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UserId="57398" --> Word Count (88)
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UserId="57398" --> Word Count (1)
UserId="108" --> Word Count (103)
UserId="54395" --> Word Count (440)

UserId="53760" --> Word Count (256)
 UserId="57402" --> Word Count (92)
 UserId="57402" --> Word Count (7)
 UserId="57402" --> Word Count (1)
 UserId="56570" --> Word Count (195)
 UserId="52755" --> Word Count (34)
 UserId="52755" --> Word Count (5)
 UserId="52755" --> Word Count (1)
 UserId="44456" Comment="edited body" --> Word Count (74)
 UserId="44139" --> Word Count (122)
 UserId="54395" --> Word Count (172)
 UserId="54395" --> Word Count (10)
 UserId="54395" --> Word Count (1)
 UserId="57410" --> Word Count (32)
 UserId="57410" --> Word Count (8)
 UserId="57410" --> Word Count (1)
 UserId="54395" Comment="added 50 characters in body" --> Word Count (175)
 UserId="57298" --> Word Count (60)
 UserId="57298" --> Word Count (10)
 UserId="57298" --> Word Count (1)
 UserId="26243" --> Word Count (54)
 UserId="26243" Comment="added 1 character in body" --> Word Count (54)
 UserId="57422" --> Word Count (114)
 UserId="57422" --> Word Count (12)
 UserId="57422" --> Word Count (1)
 UserId="13748" --> Word Count (103)
 UserId="23204" --> Word Count (14)
 UserId="8013" --> Word Count (120)
 UserId="8013" --> Word Count (14)
 UserId="8013" --> Word Count (1)
 UserId="57421" --> Word Count (83)
 UserId="57421" --> Word Count (4)
 UserId="57421" --> Word Count (1)
 UserId="57099" Comment="deleted 25 characters in body" --> Word Count (104)
 UserId="8013" Comment="added 354 characters in body" --> Word Count (198)
 UserId="29575" Comment="Minor grammar" --> Word Count (18)
 UserId="13748" Comment="Removed greetings and made the question clearer" -->
 Word Count (158)
 UserId="13748" Comment="Removed greetings and made the question clearer" -->
 Word Count (1)
 UserId="29575" Comment="Removed greetings and made the question clearer" -->
 Word Count (144)
 UserId="13748" Comment="Only use `code snippet formatting` for actual code
 snippets, it may mess up mobile and TTS screenreaders" --> Word Count (60)
 UserId="29575" Comment="Only use `code snippet formatting` for actual code
 snippets, it may mess up mobile and TTS screenreaders" --> Word Count (60)
 UserId="13748" Comment="Grammar and clearer question" --> Word Count (45)
 UserId="13748" Comment="Grammar and clearer question" --> Word Count (8)

UserId="29575" Comment="Grammar and clearer question" --> Word Count (47)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (97)
 UserId="23204" --> Word Count (130)
 UserId="24005" Comment="corrected description" --> Word Count (127)
 UserId="51044" --> Word Count (45)
 UserId="51044" --> Word Count (14)
 UserId="51044" --> Word Count (1)
 UserId="44456" Comment="edited body" --> Word Count (83)
 UserId="57429" --> Word Count (546)
 UserId="57429" --> Word Count (4)
 UserId="57429" --> Word Count (1)
 UserId="8041" --> Word Count (112)
 UserId="8517" Comment="added 5 characters in body" --> Word Count (214)
 UserId="57431" --> Word Count (97)
 UserId="57431" --> Word Count (4)
 UserId="57431" --> Word Count (1)
 UserId="57437" --> Word Count (23)
 UserId="57437" --> Word Count (9)
 UserId="57437" --> Word Count (1)
 UserId="57385" --> Word Count (742)
 UserId="57385" --> Word Count (8)
 UserId="57385" --> Word Count (1)
 UserId="54944" --> Word Count (97)
 UserId="57440" --> Word Count (75)
 UserId="57440" --> Word Count (10)
 UserId="57440" --> Word Count (1)
 UserId="57440" Comment="via Vote" --> Word Count (2)
 UserId="57440" --> Word Count (2)
 UserId="56854" --> Word Count (43)
 UserId="56854" --> Word Count (4)
 UserId="56854" --> Word Count (1)
 UserId="57431" Comment="added 16 characters in body" --> Word Count (100)
 UserId="57385" Comment="added 71 characters in body" --> Word Count (755)
 UserId="57445" --> Word Count (132)
 UserId="57445" --> Word Count (3)
 UserId="57445" --> Word Count (1)
 UserId="57446" --> Word Count (11)
 UserId="57446" --> Word Count (9)
 UserId="57446" --> Word Count (1)
 UserId="54944" Comment="added 320 characters in body" --> Word Count (150)
 UserId="57060" --> Word Count (17)
 UserId="16853" --> Word Count (189)
 UserId="54944" --> Word Count (84)
 UserId="54188" --> Word Count (64)
 UserId="54188" --> Word Count (5)
 UserId="54188" --> Word Count (1)
 UserId="57447" --> Word Count (98)
 UserId="16853" Comment="deleted 4 characters in body" --> Word Count (188)

UserId="18624" --> Word Count (7)
 UserId="44456" Comment="added 1002 characters in body" --> Word Count (419)
 UserId="44456" Comment="added 1002 characters in body" --> Word Count (446)
 UserId="21" Comment="105" --> Word Count (3)
 UserId="29587" --> Word Count (169)
 UserId="57456" --> Word Count (206)
 UserId="57456" --> Word Count (7)
 UserId="57456" --> Word Count (1)
 UserId="56246" --> Word Count (3541)
 UserId="56246" --> Word Count (18)
 UserId="56246" --> Word Count (1)
 UserId="35644" Comment="added 67 characters in body" --> Word Count (48)
 UserId="56854" --> Word Count (15)
 UserId="56854" --> Word Count (5)
 UserId="56854" --> Word Count (1)
 UserId="53439" --> Word Count (86)
 UserId="44456" --> Word Count (143)
 UserId="39338" --> Word Count (185)
 UserId="57445" Comment="added 574 characters in body" --> Word Count (594)
 UserId="57445" Comment="added 19 characters in body" --> Word Count (619)
 UserId="53479" --> Word Count (47)
 UserId="53479" --> Word Count (64)
 UserId="57476" --> Word Count (190)
 UserId="57476" --> Word Count (21)
 UserId="57476" --> Word Count (1)
 UserId="57477" --> Word Count (83)
 UserId="57481" --> Word Count (75)
 UserId="57481" --> Word Count (14)
 UserId="57481" --> Word Count (1)
 UserId="44785" --> Word Count (41)
 UserId="44785" --> Word Count (6)
 UserId="44785" --> Word Count (1)
 UserId="53479" --> Word Count (100)
 UserId="39338" Comment="grammatical correction" --> Word Count (186)
 UserId="53479" Comment="clarified where to find the code" --> Word Count (116)
 UserId="57483" --> Word Count (120)
 UserId="57483" --> Word Count (15)
 UserId="57483" --> Word Count (1)
 UserId="51969" --> Word Count (128)
 UserId="51969" --> Word Count (5)
 UserId="51969" --> Word Count (1)
 UserId="57476" Comment="Made it so it would run without edits" --> Word Count (212)
 UserId="57476" Comment="Reproducibility" --> Word Count (300)
 UserId="49577" --> Word Count (194)
 UserId="49577" --> Word Count (10)
 UserId="49577" --> Word Count (1)
 UserId="49577" Comment="added 15 characters in body" --> Word Count (197)

UserId="21" --> Word Count (80)
 UserId="39345" --> Word Count (190)
 UserId="57099" --> Word Count (230)
 UserId="52109" --> Word Count (192)
 UserId="57476" Comment="Focused the question better" --> Word Count (253)
 UserId="57476" Comment="Focused the question better" --> Word Count (19)
 UserId="57099" Comment="added 336 characters in body" --> Word Count (290)
 UserId="57099" Comment="added 336 characters in body" --> Word Count (194)
 UserId="836" --> Word Count (573)
 UserId="54395" --> Word Count (143)
 UserId="54395" Comment="added 103 characters in body" --> Word Count (221)
 UserId="54944" --> Word Count (151)
 UserId="57493" --> Word Count (60)
 UserId="57493" --> Word Count (6)
 UserId="57493" --> Word Count (1)
 UserId="57496" --> Word Count (66)
 UserId="57496" --> Word Count (5)
 UserId="57496" --> Word Count (1)
 UserId="54395" --> Word Count (203)
 UserId="29169" --> Word Count (24)
 UserId="57461" --> Word Count (53)
 UserId="57461" --> Word Count (41)
 UserId="57461" --> Word Count (87)
 UserId="57461" --> Word Count (25)
 UserId="57461" Comment="added 1919 characters in body" --> Word Count (752)
 UserId="57499" --> Word Count (53)
 UserId="57499" --> Word Count (5)
 UserId="57499" --> Word Count (1)
 UserId="33163" --> Word Count (294)
 UserId="33163" --> Word Count (16)
 UserId="33163" --> Word Count (1)
 UserId="57503" --> Word Count (4542)
 UserId="57503" --> Word Count (5)
 UserId="57503" --> Word Count (1)
 UserId="-1" Comment="minor fixes" --> Word Count (197)
 UserId="-1" Comment="minor fixes" --> Word Count (10)
 UserId="21064" --> Word Count (154)
 UserId="21064" --> Word Count (7)
 UserId="21064" --> Word Count (1)
 UserId="51209" --> Word Count (61)
 UserId="57506" --> Word Count (112)
 UserId="57506" --> Word Count (12)
 UserId="57506" --> Word Count (1)
 UserId="44456" Comment="added 33 characters in body" --> Word Count (148)
 UserId="51209" Comment="added 166 characters in body" --> Word Count (87)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (4538)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (1)
 UserId="23305" --> Word Count (77)

UserId="54395" --> Word Count (93)
 UserId="54395" --> Word Count (16)
 UserId="54395" --> Word Count (1)
 UserId="54395" --> Word Count (208)
 UserId="54395" Comment="added 68 characters in body" --> Word Count (96)
 UserId="40139" --> Word Count (127)
 UserId="-1" Comment="104" --> Word Count (2)
 UserId="57108" --> Word Count (29)
 UserId="57108" --> Word Count (11)
 UserId="57108" --> Word Count (1)
 UserId="54395" --> Word Count (315)
 UserId="54395" Comment="rewording of sentences" --> Word Count (16)
 UserId="54395" Comment="rewording of sentences" --> Word Count (8)
 UserId="57515" --> Word Count (40)
 UserId="57515" --> Word Count (13)
 UserId="57515" --> Word Count (1)
 UserId="54395" Comment="added 36 characters in body" --> Word Count (221)
 UserId="836" Comment="Re-structured and removed comments about previous attempt at question." --> Word Count (75)
 UserId="836" Comment="Re-structured and removed comments about previous attempt at question." --> Word Count (14)
 UserId="54395" Comment="added 160 characters in body" --> Word Count (236)
 UserId="54395" Comment="added graph to the question" --> Word Count (155)
 UserId="54395" --> Word Count (131)
 UserId="57518" --> Word Count (181)
 UserId="57518" --> Word Count (5)
 UserId="57518" --> Word Count (1)
 UserId="56570" --> Word Count (37)
 UserId="56570" --> Word Count (9)
 UserId="56570" --> Word Count (1)
 UserId="23204" --> Word Count (97)
 UserId="57521" --> Word Count (67)
 UserId="57521" --> Word Count (10)
 UserId="57521" --> Word Count (1)
 UserId="54395" Comment="removed thanks in advance" --> Word Count (58)
 UserId="57493" Comment="added 411 characters in body" --> Word Count (154)
 UserId="57524" --> Word Count (89)
 UserId="57524" --> Word Count (11)
 UserId="57524" --> Word Count (1)
 UserId="34269" --> Word Count (193)
 UserId="28272" --> Word Count (136)
 UserId="34269" Comment="corrected spelling and syntax errors" --> Word Count (64)
 UserId="34269" Comment="corrected spelling and syntax errors" --> Word Count (10)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="28272" --> Word Count (82)

UserId="57526" --> Word Count (127)
 UserId="57526" Comment="via Vote" --> Word Count (1)
 UserId="57526" Comment="added 214 characters in body" --> Word Count (154)
 UserId="57526" --> Word Count (1)
 UserId="23204" --> Word Count (107)
 UserId="57527" --> Word Count (439)
 UserId="57527" --> Word Count (20)
 UserId="57527" --> Word Count (1)
 UserId="57526" --> Word Count (105)
 UserId="57527" Comment="Added to the end of the question " --> Word Count (469)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (361)
 UserId="57515" Comment="deleted 4 characters in body; edited title" --> Word Count (40)
 UserId="57515" Comment="deleted 4 characters in body; edited title" --> Word Count (13)
 UserId="57486" --> Word Count (105)
 UserId="56981" Comment="made the title more descriptive, fixed some typos, and improved (IMHO) the explanations of k, R and theta" --> Word Count (87)
 UserId="56981" Comment="made the title more descriptive, fixed some typos, and improved (IMHO) the explanations of k, R and theta" --> Word Count (13)
 UserId="29575" Comment="made the title more descriptive, fixed some typos, and improved (IMHO) the explanations of k, R and theta" --> Word Count (88)
 UserId="57082" --> Word Count (24)
 UserId="57082" --> Word Count (3)
 UserId="57082" --> Word Count (1)
 UserId="47359" --> Word Count (124)
 UserId="47359" --> Word Count (8)
 UserId="47359" --> Word Count (1)
 UserId="47359" Comment="edited title" --> Word Count (10)
 UserId="33202" --> Word Count (561)
 UserId="57530" --> Word Count (61)
 UserId="57530" --> Word Count (5)
 UserId="57530" --> Word Count (1)
 UserId="47359" Comment="deleted 51 characters in body" --> Word Count (119)
 UserId="57461" --> Word Count (25)
 UserId="57461" --> Word Count (36)
 UserId="57461" --> Word Count (7)
 UserId="57461" --> Word Count (1)
 UserId="47359" Comment="deleted 69 characters in body; edited title" --> Word Count (108)
 UserId="47359" Comment="deleted 69 characters in body; edited title" --> Word Count (8)
 UserId="10430" --> Word Count (59)
 UserId="47359" Comment="added 47 characters in body" --> Word Count (115)
 UserId="1330" --> Word Count (80)
 UserId="1330" Comment="deleted 8 characters in body" --> Word Count (80)
 UserId="56981" --> Word Count (245)
 UserId="51044" --> Word Count (64)

UserId="51044" --> Word Count (8)
 UserId="51044" --> Word Count (1)
 UserId="29575" Comment="Clarify Question" --> Word Count (49)
 UserId="29575" Comment="Clarify Question" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="29575" Comment="Minor grammar / add tag" --> Word Count (46)
 UserId="29575" Comment="Minor grammar / add tag" --> Word Count (1)
 UserId="49914" --> Word Count (42)
 UserId="49914" --> Word Count (7)
 UserId="49914" --> Word Count (1)
 UserId="49914" Comment="added 33 characters in body" --> Word Count (57)
 UserId="49914" Comment="Providing code" --> Word Count (140)
 UserId="49914" --> Word Count (24)
 UserId="49914" --> Word Count (7)
 UserId="49914" --> Word Count (1)
 UserId="43077" Comment="deleted 156 characters in body" --> Word Count (42)
 UserId="54442" --> Word Count (166)
 UserId="54442" --> Word Count (11)
 UserId="54442" --> Word Count (1)
 UserId="35644" --> Word Count (50)
 UserId="21" --> Word Count (22)
 UserId="56981" Comment="Added an example with a graph." --> Word Count (337)
 UserId="56981" Comment="added "learning rate" to the title, fixed some typos and grammar, and removed a "thanks"" --> Word Count (61)
 UserId="56981" Comment="added "learning rate" to the title, fixed some typos and grammar, and removed a "thanks"" --> Word Count (8)
 UserId="29575" Comment="added "learning rate" to the title, fixed some typos and grammar, and removed a "thanks"" --> Word Count (59)
 UserId="26525" --> Word Count (114)
 UserId="26525" --> Word Count (6)
 UserId="26525" --> Word Count (1)
 UserId="57546" --> Word Count (68)
 UserId="57546" --> Word Count (12)
 UserId="57546" --> Word Count (1)
 UserId="25905" --> Word Count (55)
 UserId="54395" --> Word Count (108)
 UserId="54395" --> Word Count (8)
 UserId="54395" --> Word Count (1)
 UserId="51733" --> Word Count (224)
 UserId="51733" --> Word Count (6)
 UserId="51733" --> Word Count (1)
 UserId="54395" Comment="deleted 5 characters in body; edited title" --> Word Count (109)
 UserId="54395" Comment="deleted 5 characters in body; edited title" --> Word Count (8)
 UserId="57130" --> Word Count (772)
 UserId="57130" --> Word Count (10)

UserId="57130" --> Word Count (1)
 UserId="57549" --> Word Count (41)
 UserId="57549" --> Word Count (7)
 UserId="57549" --> Word Count (1)
 UserId="47832" --> Word Count (173)
 UserId="47832" --> Word Count (6)
 UserId="47832" --> Word Count (1)
 UserId="54395" --> Word Count (90)
 UserId="57130" Comment="deleted 277 characters in body" --> Word Count (635)
 UserId="57130" Comment="added 97 characters in body" --> Word Count (645)
 UserId="57130" Comment="via Vote" --> Word Count (1)
 UserId="57130" --> Word Count (1)
 UserId="57554" --> Word Count (98)
 UserId="57554" --> Word Count (6)
 UserId="57554" --> Word Count (1)
 UserId="32402" --> Word Count (100)
 UserId="57526" --> Word Count (122)
 UserId="54661" --> Word Count (127)
 UserId="54661" --> Word Count (8)
 UserId="54661" --> Word Count (1)
 UserId="156" --> Word Count (575)
 UserId="54395" Comment="added 55 characters in body" --> Word Count (119)
 UserId="54395" Comment="edited tags" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="51209" --> Word Count (107)
 UserId="51209" Comment="added 5 characters in body" --> Word Count (107)
 UserId="51209" --> Word Count (62)
 UserId="57125" --> Word Count (106)
 UserId="57125" --> Word Count (13)
 UserId="57125" --> Word Count (1)
 UserId="57559" --> Word Count (97)
 UserId="57559" --> Word Count (14)
 UserId="57559" --> Word Count (1)
 UserId="54395" --> Word Count (134)
 UserId="1330" --> Word Count (26)
 UserId="57560" --> Word Count (31)
 UserId="29575" Comment="Make affiliation explicit." --> Word Count (36)
 UserId="51811" --> Word Count (86)
 UserId="51811" --> Word Count (7)
 UserId="51811" --> Word Count (1)
 UserId="51044" Comment="Added code example" --> Word Count (83)
 UserId="57472" --> Word Count (39)
 UserId="57472" --> Word Count (8)
 UserId="57472" --> Word Count (1)
 UserId="34269" Comment="corrected spelling" --> Word Count (39)
 UserId="34269" Comment="corrected spelling" --> Word Count (8)
 UserId="34269" --> Word Count (39)

UserId="45264" --> Word Count (240)
UserId="29575" Comment="Remove extra commentary" --> Word Count (42)
UserId="45264" --> Word Count (139)
UserId="57130" --> Word Count (599)
UserId="29575" Comment="added 160 characters in body" --> Word Count (23)
UserId="54395" Comment="added 103 characters in body" --> Word Count (15)
UserId="21" Comment="105" --> Word Count (4)
UserId="57571" --> Word Count (120)
UserId="29575" Comment="Minor formatting" --> Word Count (204)
UserId="57570" --> Word Count (69)
UserId="57570" --> Word Count (9)
UserId="57570" --> Word Count (1)
UserId="54442" Comment="added 374 characters in body" --> Word Count (209)
UserId="54236" --> Word Count (108)
UserId="54236" --> Word Count (12)
UserId="54236" --> Word Count (1)
UserId="41591" --> Word Count (68)
UserId="41591" --> Word Count (10)
UserId="41591" --> Word Count (1)
UserId="57526" --> Word Count (144)
UserId="57526" Comment="added 3 characters in body; deleted 17 characters in body" --> Word Count (142)
UserId="57526" Comment="added 44 characters in body; deleted 2 characters in body" --> Word Count (148)
UserId="57545" --> Word Count (230)
UserId="57545" --> Word Count (6)
UserId="57545" --> Word Count (1)
UserId="57130" Comment="added 14 characters in body" --> Word Count (599)
UserId="57130" Comment="deleted 26 characters in body" --> Word Count (588)
UserId="57130" Comment="deleted 26 characters in body" --> Word Count (612)
UserId="45374" --> Word Count (117)
UserId="57586" Comment="Removed redundant words" --> Word Count (345)
UserId="53582" --> Word Count (183)
UserId="13755" --> Word Count (57)
UserId="13755" --> Word Count (6)
UserId="13755" --> Word Count (1)
UserId="51541" --> Word Count (47)
UserId="57590" --> Word Count (84)
UserId="57590" --> Word Count (10)
UserId="57590" --> Word Count (1)
UserId="57588" --> Word Count (173)
UserId="57588" --> Word Count (7)
UserId="57588" --> Word Count (1)
UserId="38864" --> Word Count (200)
UserId="38864" --> Word Count (7)
UserId="38864" --> Word Count (1)
UserId="57515" --> Word Count (91)
UserId="57515" --> Word Count (7)

UserId="57515" --> Word Count (1)
 UserId="57588" --> Word Count (82)
 UserId="42061" --> Word Count (68)
 UserId="45374" --> Word Count (106)
 UserId="57589" --> Word Count (748)
 UserId="57589" --> Word Count (12)
 UserId="57589" --> Word Count (1)
 UserId="57589" Comment="edited title" --> Word Count (17)
 UserId="54663" --> Word Count (83)
 UserId="54663" --> Word Count (14)
 UserId="54663" --> Word Count (1)
 UserId="57477" --> Word Count (37)
 UserId="38864" Comment="deleted 32 characters in body" --> Word Count (198)
 UserId="34269" --> Word Count (212)
 UserId="53477" --> Word Count (54)
 UserId="53477" --> Word Count (5)
 UserId="53477" --> Word Count (1)
 UserId="38864" Comment="added 14 characters in body" --> Word Count (199)
 UserId="42953" --> Word Count (39)
 UserId="42953" --> Word Count (11)
 UserId="42953" --> Word Count (1)
 UserId="44785" --> Word Count (99)
 UserId="44785" --> Word Count (6)
 UserId="44785" --> Word Count (1)
 UserId="57605" --> Word Count (195)
 UserId="57605" --> Word Count (8)
 UserId="57605" --> Word Count (1)
 UserId="51541" --> Word Count (98)
 UserId="45264" --> Word Count (510)
 UserId="57605" Comment="added 399 characters in body" --> Word Count (282)
 UserId="43469" --> Word Count (138)
 UserId="46523" --> Word Count (357)
 UserId="46523" --> Word Count (3)
 UserId="46523" --> Word Count (1)
 UserId="57608" --> Word Count (411)
 UserId="57608" --> Word Count (3)
 UserId="57608" --> Word Count (1)
 UserId="47832" --> Word Count (125)
 UserId="43077" Comment="added 18 characters in body" --> Word Count (43)
 UserId="42953" Comment="added 791 characters in body" --> Word Count (192)
 UserId="42953" Comment="edited body" --> Word Count (192)
 UserId="42953" Comment="added 10 characters in body" --> Word Count (193)
 UserId="23240" --> Word Count (95)
 UserId="23240" --> Word Count (7)
 UserId="23240" --> Word Count (1)
 UserId="14560" --> Word Count (34)
 UserId="23240" Comment="Edited to provide clarity that this template would be for management" --> Word Count (137)

UserId="54509" --> Word Count (158)
 UserId="57617" --> Word Count (119)
 UserId="57617" --> Word Count (10)
 UserId="57617" --> Word Count (1)
 UserId="57461" --> Word Count (94)
 UserId="57610" --> Word Count (163)
 UserId="57610" --> Word Count (8)
 UserId="57610" --> Word Count (1)
 UserId="43939" --> Word Count (149)
 UserId="43939" --> Word Count (12)
 UserId="43939" --> Word Count (1)
 UserId="45264" --> Word Count (347)
 UserId="45264" Comment="added 217 characters in body" --> Word Count (364)
 UserId="6478" Comment="added 167 characters in body" --> Word Count (35)
 UserId="54509" --> Word Count (81)
 UserId="54509" --> Word Count (212)
 UserId="50519" --> Word Count (320)
 UserId="50519" --> Word Count (16)
 UserId="50519" --> Word Count (1)
 UserId="57618" --> Word Count (94)
 UserId="57618" --> Word Count (12)
 UserId="57618" --> Word Count (1)
 UserId="54509" Comment="deleted 1 character in body" --> Word Count (212)
 UserId="50519" Comment="added 145 characters in body" --> Word Count (343)
 UserId="50519" Comment="added 16 characters in body" --> Word Count (344)
 UserId="57619" --> Word Count (113)
 UserId="57619" --> Word Count (11)
 UserId="57619" --> Word Count (1)
 UserId="54442" --> Word Count (52)
 UserId="50863" --> Word Count (83)
 UserId="50863" --> Word Count (10)
 UserId="50863" --> Word Count (1)
 UserId="57560" Comment="Highlight affiliation" --> Word Count (69)
 UserId="54944" --> Word Count (118)
 UserId="50519" Comment="deleted 3 characters in body; added 13 characters in body" --> Word Count (346)
 UserId="45264" Comment="Added a little more context to the algorithm" --> Word Count (303)
 UserId="1330" Comment="deleted 1 character in body" --> Word Count (56)
 UserId="45264" Comment="Corrected my own edits to algorithm" --> Word Count (338)
 UserId="45264" --> Word Count (567)
 UserId="57627" --> Word Count (128)
 UserId="57627" --> Word Count (6)
 UserId="57627" --> Word Count (1)
 UserId="57588" --> Word Count (93)
 UserId="57632" --> Word Count (245)
 UserId="57632" --> Word Count (9)

UserId="57632" --> Word Count (1)
 UserId="52768" --> Word Count (103)
 UserId="52768" --> Word Count (10)
 UserId="52768" --> Word Count (1)
 UserId="924" --> Word Count (87)
 UserId="52768" Comment="deleted 1 character in body" --> Word Count (103)
 UserId="56981" --> Word Count (2404)
 UserId="15569" --> Word Count (15)
 UserId="57618" Comment="deleted 3 characters in body" --> Word Count (94)
 UserId="44015" --> Word Count (106)
 UserId="44015" --> Word Count (6)
 UserId="44015" --> Word Count (1)
 UserId="56981" --> Word Count (168)
 UserId="50519" Comment="added 49 characters in body" --> Word Count (354)
 UserId="46523" Comment="I made a typo with the how long until I start seeing good results. I put in 36 hours originally (whoops), but I meant to put in 3 hours." --> Word Count (357)
 UserId="836" --> Word Count (194)
 UserId="57636" --> Word Count (339)
 UserId="57636" --> Word Count (11)
 UserId="57636" --> Word Count (1)
 UserId="27983" --> Word Count (133)
 UserId="46143" --> Word Count (43)
 UserId="49216" Comment="corrected spelling mistake" --> Word Count (140)
 UserId="29575" Comment="corrected spelling mistake" --> Word Count (137)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (126)
 UserId="836" Comment="added 309 characters in body" --> Word Count (264)
 UserId="836" Comment="added 309 characters in body" --> Word Count (336)
 UserId="56922" --> Word Count (588)
 UserId="56922" --> Word Count (8)
 UserId="56922" --> Word Count (1)
 UserId="56981" Comment="added the perceptron tag, and a link to the quote in wikipedia" --> Word Count (69)
 UserId="56981" Comment="added the perceptron tag, and a link to the quote in wikipedia" --> Word Count (1)
 UserId="45264" Comment="Corrected spelling of an name" --> Word Count (364)
 UserId="53950" --> Word Count (246)
 UserId="31220" --> Word Count (136)
 UserId="31220" --> Word Count (6)
 UserId="31220" --> Word Count (1)
 UserId="42953" Comment="added picture" --> Word Count (346)
 UserId="57486" --> Word Count (80)
 UserId="27983" Comment="grammar" --> Word Count (135)
 UserId="57130" Comment="added 559 characters in body" --> Word Count (647)
 UserId="39338" Comment="better phrased" --> Word Count (381)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (340)
 UserId="56922" --> Word Count (63)
 UserId="56922" --> Word Count (11)

UserId="56922" --> Word Count (1)
 UserId="39338" Comment="Grammar corrections" --> Word Count (174)
 UserId="33202" --> Word Count (74)
 UserId="53937" --> Word Count (29)
 UserId="56981" Comment="removed a "thanks";, and added links to wikipedia" --> Word Count (14)
 UserId="56981" Comment="removed a "thanks";, and added links to wikipedia" --> Word Count (8)
 UserId="1330" --> Word Count (27)
 UserId="45264" --> Word Count (257)
 UserId="31220" Comment="Add details that may help people provide an answer" --> Word Count (193)
 UserId="45264" --> Word Count (41)
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 UserId="57659" --> Word Count (199)
 UserId="57659" --> Word Count (9)
 UserId="57659" --> Word Count (1)
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 UserId="57481" --> Word Count (10)
 UserId="57481" --> Word Count (1)
 UserId="57664" --> Word Count (138)
 UserId="57664" --> Word Count (14)
 UserId="57664" --> Word Count (1)
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 UserId="44456" --> Word Count (1)
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 UserId="57671" --> Word Count (7)
 UserId="57671" --> Word Count (1)
 UserId="46740" --> Word Count (65)
 UserId="46740" --> Word Count (10)
 UserId="46740" --> Word Count (1)
 UserId="29575" Comment="Add path changes" --> Word Count (33)
 UserId="31626" --> Word Count (73)
 UserId="31626" --> Word Count (7)
 UserId="31626" --> Word Count (1)
 UserId="57066" --> Word Count (226)
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 UserId="57066" --> Word Count (1)
 UserId="57330" --> Word Count (206)
 UserId="57330" --> Word Count (9)
 UserId="57330" --> Word Count (1)
 UserId="57066" Comment="[Edit removed during grace period]" --> Word Count

(226)

UserId="57588" --> Word Count (121)
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 UserId="57679" --> Word Count (1)
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 UserId="26019" --> Word Count (9)
 UserId="26019" --> Word Count (1)
 UserId="45264" Comment="Formatting" --> Word Count (305)
 UserId="57689" --> Word Count (108)
 UserId="57689" --> Word Count (18)
 UserId="57689" --> Word Count (1)
 UserId="27983" Comment="more simple phrasing" --> Word Count (50)
 UserId="27983" Comment="more simple phrasing" --> Word Count (1)
 UserId="29575" Comment="more simple phrasing" --> Word Count (53)
 UserId="26019" Comment="edited body" --> Word Count (67)
 UserId="26019" Comment="edited body" --> Word Count (1)
 UserId="29575" Comment="edited body" --> Word Count (67)
 UserId="29575" Comment="edited title" --> Word Count (7)
 UserId="29575" Comment="indent code so shows correctly" --> Word Count (253)
 UserId="57662" --> Word Count (55)
 UserId="57662" --> Word Count (8)
 UserId="57662" --> Word Count (1)
 UserId="26019" Comment="edited tags" --> Word Count (1)
 UserId="8878" --> Word Count (260)
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 UserId="56985" --> Word Count (12)
 UserId="56985" --> Word Count (1)
 UserId="56985" Comment="added 160 characters in body; edited title" --> Word Count (107)
 UserId="56985" Comment="added 160 characters in body; edited title" --> Word Count (9)
 UserId="57693" --> Word Count (83)
 UserId="57693" --> Word Count (10)
 UserId="57693" --> Word Count (1)
 UserId="1330" --> Word Count (31)
 UserId="43647" --> Word Count (35)
 <DELETE> --> Word Count (45)
 UserId="57721" UserDisplayName="ab123" --> Word Count (1793)
 UserId="57721" UserDisplayName="ab123" --> Word Count (9)
 UserId="57721" UserDisplayName="ab123" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (19)
 UserId="57704" --> Word Count (2832)
 UserId="57704" --> Word Count (5)

UserId="57704" --> Word Count (1)
UserId="45264" Comment="Corrected mistake." --> Word Count (568)
UserId="54944" --> Word Count (39)
UserId="45264" --> Word Count (302)
UserId="56981" Comment="added links, and pointed to the exact location of the quote" --> Word Count (109)
UserId="31626" --> Word Count (10)
UserId="45264" Comment="Added firther information after discussion in comments." --> Word Count (806)
UserId="57708" --> Word Count (232)
UserId="57708" --> Word Count (4)
UserId="57708" --> Word Count (1)
UserId="57659" --> Word Count (72)
UserId="57659" --> Word Count (83)
UserId="57698" --> Word Count (69)
UserId="57698" --> Word Count (22)
UserId="57698" --> Word Count (1)
UserId="45264" --> Word Count (58)
UserId="45264" Comment="Made title more representative of question" --> Word Count (12)
UserId="57721" Comment="added 360 characters in body" --> Word Count (1831)
UserId="57722" --> Word Count (118)
UserId="57722" --> Word Count (7)
UserId="57722" --> Word Count (1)
UserId="3070" Comment="Added a link to sklearn hashing trick docs, minor clean up on one hot encoder link." --> Word Count (85)
UserId="29575" Comment="Added a link to sklearn hashing trick docs, minor clean up on one hot encoder link." --> Word Count (87)
UserId="57588" --> Word Count (13)
UserId="57588" Comment="added 99 characters in body" --> Word Count (27)
UserId="57588" Comment="deleted 8 characters in body" --> Word Count (27)
UserId="57588" Comment="added 17 characters in body" --> Word Count (35)
UserId="57588" --> Word Count (76)
UserId="57588" Comment="added 60 characters in body" --> Word Count (84)
UserId="42882" --> Word Count (83)
UserId="42882" --> Word Count (7)
UserId="42882" --> Word Count (1)
UserId="57396" --> Word Count (17)
UserId="56246" --> Word Count (261)
UserId="56246" --> Word Count (11)
UserId="56246" --> Word Count (1)
UserId="15692" --> Word Count (80)
UserId="15692" --> Word Count (7)
UserId="15692" --> Word Count (1)
UserId="57731" --> Word Count (71)
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UserId="57731" --> Word Count (1)
UserId="57735" --> Word Count (306)

UserId="57735" --> Word Count (5)
 UserId="57735" --> Word Count (1)
 UserId="42882" Comment="added DQN agent code" --> Word Count (762)
 UserId="42953" Comment="corrected title" --> Word Count (11)
 UserId="56490" --> Word Count (124)
 UserId="15692" Comment="edited tags" --> Word Count (1)
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 UserId="45264" --> Word Count (65)
 UserId="46143" --> Word Count (71)
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 UserId="57724" --> Word Count (1)
 UserId="27583" --> Word Count (196)
 UserId="27583" --> Word Count (9)
 UserId="27583" --> Word Count (1)
 UserId="57724" Comment="added 83 characters in body" --> Word Count (41)
 UserId="44139" --> Word Count (114)
 UserId="57724" Comment="added 9 characters in body; edited title" --> Word Count (42)
 UserId="57724" Comment="added 9 characters in body; edited title" --> Word Count (21)
 UserId="45264" --> Word Count (220)
 UserId="45264" Comment="Added more links and information." --> Word Count (363)
 UserId="44139" Comment="added 1144 characters in body" --> Word Count (264)
 UserId="27583" Comment="via Vote" --> Word Count (2)
 UserId="57745" --> Word Count (248)
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 UserId="57745" --> Word Count (1)
 UserId="45264" Comment="spelling correction" --> Word Count (373)
 UserId="45264" Comment="Formatting and increased clarity" --> Word Count (223)
 UserId="45264" Comment="Formatting and increased clarity" --> Word Count (7)
 UserId="45264" Comment="Formatting and increased clarity" --> Word Count (1)
 UserId="42882" --> Word Count (200)
 UserId="42882" --> Word Count (11)
 UserId="42882" --> Word Count (1)
 UserId="45264" Text="With your three labels: positive, neutral or negative - it seems you are talking more about **sentiment analysis**. This answer the question: **what** are the emotions of the person who wrote this piece of text?
Semantic analysis is a larger term, meaning to analyse the meaning contained within text, not just the sentiment. It looks for relationships among the words, how they are combined and how often certain words appear together.
 To gain a deeper insight into your text, you could read about topics such as:
 Semantic Analysis in general might refer to your starting point, where you parse a sentence to understand and label the various parts of speech (POS). A tool for this in Python is **spaCy**[1], which works very nicely and also provides

visualisations to show to your boss.
* Named Entity Recognition (NER) - finding parts of speech (POS) that refer to an entity and linking them to pronouns appearing later in the text. An example is to distinguish between *Apple* the company, and *apple* the fruit.
* Embeddings - finding *latent* representation of individual words e.g. using **Word2Vec**. --> Word Count (245)

UserId="23204" --> Word Count (19)

UserId="42882" Comment="deleted 1 character in body" --> Word Count (200)

UserId="23204" --> Word Count (49)

UserId="54944" --> Word Count (69)

UserId="57729" --> Word Count (13)

UserId="57729" --> Word Count (6)

UserId="57729" --> Word Count (1)

UserId="45264" --> Word Count (124)

UserId="33714" --> Word Count (179)

UserId="33714" --> Word Count (9)

UserId="33714" --> Word Count (1)

UserId="50519" Comment="added 24 characters in body" --> Word Count (356)

UserId="52881" --> Word Count (165)

UserId="52881" --> Word Count (13)

UserId="52881" --> Word Count (1)

UserId="56246" Comment="added 380 characters in body" --> Word Count (424)

UserId="57526" --> Word Count (126)

UserId="13450" Comment="Code formatting." --> Word Count (344)

UserId="44389" --> Word Count (128)

UserId="57757" --> Word Count (50)

UserId="57757" --> Word Count (10)

UserId="57757" --> Word Count (1)

UserId="23204" Comment="added 54 characters in body" --> Word Count (23)

UserId="56955" --> Word Count (121)

UserId="56955" --> Word Count (9)

UserId="56955" --> Word Count (1)

UserId="23204" --> Word Count (118)

UserId="23204" --> Word Count (67)

UserId="44389" Comment="added 485 characters in body" --> Word Count (203)

UserId="8560" Comment="Fix a typo. Clarify wording of last sentence." --> Word Count (210)

UserId="14909" --> Word Count (174)

UserId="14909" --> Word Count (8)

UserId="14909" --> Word Count (1)

UserId="27583" --> Word Count (2)

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 UserId="17310" --> Word Count (794)
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 UserId="42882" Comment="edited the question" --> Word Count (197)
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 UserId="57777" --> Word Count (1)
 UserId="57777" Comment="added 105 characters in body" --> Word Count (302)
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 UserId="57780" --> Word Count (196)
 UserId="57780" --> Word Count (15)
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 UserId="39338" --> Word Count (1)
 UserId="52588" --> Word Count (33)
 UserId="52588" --> Word Count (5)
 UserId="52588" --> Word Count (1)
 UserId="39338" Comment="added 633 characters in body" --> Word Count (172)
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 UserId="836" --> Word Count (649)
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 UserId="57786" --> Word Count (1)
 UserId="26019" Comment="edited body" --> Word Count (65)
 UserId="23204" --> Word Count (105)
 UserId="57786" Comment="Added explanation and gave my thoughts" --> Word Count (230)
 UserId="23204" --> Word Count (49)
 UserId="52256" Comment="added 197 characters in body" --> Word Count (141)
 UserId="45264" --> Word Count (71)
 UserId="52546" --> Word Count (120)
 UserId="52546" --> Word Count (8)
 UserId="52546" --> Word Count (1)
 UserId="57789" --> Word Count (112)
 UserId="57789" --> Word Count (9)
 UserId="57789" --> Word Count (1)

UserId="28125" Comment="Fixed typos and left/right - the sentence before mentions the *left* eye being used and the right one should therefore "serve little purpose";" --> Word Count (373)
 UserId="28125" Comment="Fixed capitalization " --> Word Count (115)
 UserId="28125" Comment="Fixed capitalization " --> Word Count (9)
 UserId="39338" Comment="added 732 characters in body" --> Word Count (274)
 UserId="39338" Comment="added 582 characters in body" --> Word Count (403)
 UserId="57330" --> Word Count (240)
 UserId="26019" Comment="edited body" --> Word Count (197)
 UserId="26019" Comment="edited body" --> Word Count (1)
 UserId="29575" Comment="edited body" --> Word Count (198)
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 UserId="29575" Comment="edited body" --> Word Count (57)
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 UserId="57796" --> Word Count (20)
 UserId="57796" --> Word Count (1)
 UserId="57777" Comment="added 50 characters in body" --> Word Count (308)
 UserId="45264" --> Word Count (519)
 UserId="57798" --> Word Count (245)
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 UserId="57798" --> Word Count (1)
 UserId="57453" --> Word Count (374)
 UserId="836" --> Word Count (237)
 UserId="836" Comment="added 67 characters in body" --> Word Count (249)
 UserId="57798" Comment="added more tags" --> Word Count (1)
 UserId="57804" --> Word Count (185)
 UserId="57804" --> Word Count (7)
 UserId="57804" --> Word Count (1)
 UserId="46573" Comment="Fix typo" --> Word Count (187)
 UserId="50603" --> Word Count (63)
 UserId="50603" --> Word Count (5)
 UserId="50603" --> Word Count (1)
 UserId="45264" Comment="spelling corrections" --> Word Count (276)
 UserId="57777" Comment="added 17 characters in body" --> Word Count (309)
 UserId="54944" --> Word Count (43)
 UserId="57814" --> Word Count (21)
 UserId="57814" --> Word Count (18)
 UserId="57814" --> Word Count (1)
 UserId="51044" Comment="Added tag" --> Word Count (1)

UserId="51044" --> Word Count (33)
 UserId="56734" --> Word Count (90)
 UserId="56734" --> Word Count (7)
 UserId="56734" --> Word Count (1)
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 UserId="57823" --> Word Count (12)
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 UserId="15828" Comment="formatting" --> Word Count (185)
 UserId="57825" --> Word Count (73)
 UserId="57825" --> Word Count (11)
 UserId="57825" --> Word Count (1)
 UserId="57724" --> Word Count (63)
 UserId="57724" --> Word Count (19)
 UserId="57724" --> Word Count (1)
 UserId="57827" --> Word Count (116)
 UserId="57827" --> Word Count (6)
 UserId="57827" --> Word Count (1)
 UserId="15828" --> Word Count (200)
 UserId="26019" Comment="edited body" --> Word Count (33)
 UserId="29575" Comment="edited body" --> Word Count (34)
 UserId="15828" --> Word Count (192)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (168)
 UserId="8501" Comment="legibility" --> Word Count (155)
 UserId="29575" Comment="legibility" --> Word Count (161)
 UserId="56981" Comment="added <!-- language: lang-python --> in hope that
 it would highlight the code..." --> Word Count (2407)
 UserId="57632" --> Word Count (171)
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 UserId="57632" --> Word Count (1)
 UserId="51209" --> Word Count (43)
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 UserId="57830" --> Word Count (7)
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 UserId="45264" Comment="Added tag" --> Word Count (1)

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 UserId="57623" --> Word Count (1)
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 UserId="28175" Comment="edited tags" --> Word Count (1)
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 UserId="57833" --> Word Count (68)
 UserId="57833" --> Word Count (7)
 UserId="57833" --> Word Count (1)
 UserId="56908" Comment="added 111 characters in body" --> Word Count (712)
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 UserId="44477" --> Word Count (20)
 UserId="44477" --> Word Count (1)
 UserId="56854" --> Word Count (555)
 UserId="56854" --> Word Count (10)
 UserId="56854" --> Word Count (1)
 UserId="57834" --> Word Count (109)
 UserId="57834" --> Word Count (10)
 UserId="57834" --> Word Count (1)
 UserId="49757" --> Word Count (50)
 UserId="49757" --> Word Count (13)
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 UserId="37739" --> Word Count (1)
 UserId="53950" Comment="I did put the math in latex format (1-1 transcription with potential errors) " --> Word Count (109)
 UserId="53950" Comment="I did put the math in latex format (1-1 transcription with potential errors) " --> Word Count (15)
 UserId="28175" Comment="added 236 characters in body" --> Word Count (783)
 UserId="10620" --> Word Count (641)
 UserId="44477" Comment="deleted 49 characters in body" --> Word Count (102)
 UserId="56981" Comment="removed CAPS from the paper's name, mentioned it is version 1, and explained what x_i denotes" --> Word Count (144)
 UserId="29575" Comment="removed CAPS from the paper's name, mentioned it is version 1, and explained what x_i denotes" --> Word Count (144)
 UserId="52588" Comment="added 4 characters in body" --> Word Count (33)
 UserId="52588" Comment="added 4 characters in body" --> Word Count (52)
 <DELETE> --> Word Count (47)
 UserId="57825" --> Word Count (73)
 UserId="57825" --> Word Count (11)
 UserId="57825" --> Word Count (1)
 UserId="56246" --> Word Count (658)
 UserId="56246" --> Word Count (6)
 UserId="56246" --> Word Count (1)

UserId="29169" --> Word Count (55)
 UserId="52588" Comment="added 4 characters in body" --> Word Count (74)
 UserId="29169" Comment="added 211 characters in body" --> Word Count (81)
 UserId="29169" Comment="added 2 characters in body" --> Word Count (81)
 UserId="44477" Comment="added 512 characters in body" --> Word Count (172)
 UserId="57837" --> Word Count (267)
 UserId="57837" --> Word Count (14)
 UserId="57837" --> Word Count (1)
 UserId="57842" --> Word Count (198)
 UserId="57842" --> Word Count (11)
 UserId="57842" --> Word Count (1)
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 UserId="57843" --> Word Count (8)
 UserId="57843" --> Word Count (1)
 UserId="33323" --> Word Count (101)
 UserId="33323" --> Word Count (11)
 UserId="33323" --> Word Count (1)
 UserId="33323" Comment="added 27 characters in body" --> Word Count (104)
 UserId="57789" --> Word Count (172)
 UserId="33323" Comment="added 55 characters in body" --> Word Count (112)
 UserId="33323" --> Word Count (18)
 UserId="33323" Comment="deleted 216 characters in body" --> Word Count (84)
 UserId="26019" Comment="edited body" --> Word Count (88)
 UserId="51209" Comment="I corrected some grammatical mistakes." --> Word Count (65)
 UserId="37363" --> Word Count (28)
 UserId="37363" --> Word Count (7)
 UserId="37363" --> Word Count (1)
 UserId="57860" --> Word Count (58)
 UserId="57861" --> Word Count (49)
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 UserId="57861" --> Word Count (1)
 UserId="57862" --> Word Count (21)
 UserId="57862" --> Word Count (10)
 UserId="57862" --> Word Count (1)
 UserId="57862" Comment="added 277 characters in body" --> Word Count (71)
 UserId="10620" Comment="typo fixed" --> Word Count (641)
 UserId="34269" --> Word Count (46)
 UserId="54743" --> Word Count (56)
 UserId="57623" Comment="deleted 20 characters in body" --> Word Count (104)
 UserId="54743" --> Word Count (67)
 UserId="57866" --> Word Count (107)
 UserId="57866" --> Word Count (7)
 UserId="57866" --> Word Count (1)
 UserId="39813" Comment="edited body" --> Word Count (424)
 UserId="54743" --> Word Count (44)
 UserId="26019" Comment="edited body" --> Word Count (60)
 UserId="29575" Comment="edited body" --> Word Count (56)

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UserId="29575" Comment="Minor grammar / formatting" --> Word Count (57)
UserId="57869" --> Word Count (136)
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UserId="57869" --> Word Count (1)
UserId="57869" Comment="added 446 characters in body" --> Word Count (218)
UserId="57869" Comment="deleted 108 characters in body" --> Word Count (200)
UserId="57869" Comment="added 114 characters in body" --> Word Count (216)
UserId="34269" Comment="improved formatting" --> Word Count (240)
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UserId="54353" --> Word Count (117)
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UserId="21" Comment="101" --> Word Count (3)
UserId="21" Comment="103" --> Word Count (3)
UserId="21" Comment="101" --> Word Count (2)
UserId="45264" --> Word Count (106)
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UserId="57453" --> Word Count (240)
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UserId="54661" --> Word Count (1)
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UserId="57453" Comment="deleted 2 characters in body" --> Word Count (268)
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UserId="51209" --> Word Count (32)
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UserId="43077" Comment="deleted 22 characters in body" --> Word Count (205)
UserId="43077" Comment="added 4 characters in body" --> Word Count (201)
UserId="43077" Comment="edited body" --> Word Count (201)

UserId="57885" --> Word Count (92)
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 UserId="57724" --> Word Count (20)
 UserId="57724" --> Word Count (1)
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 UserId="29575" Comment="update code format" --> Word Count (249)
 UserId="43077" Comment="added 138 characters in body" --> Word Count (299)
 UserId="43077" Comment="added 208 characters in body" --> Word Count (333)
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 UserId="57823" --> Word Count (15)
 UserId="57823" --> Word Count (1)
 UserId="57777" Comment="added 6 characters in body" --> Word Count (309)
 UserId="57819" --> Word Count (38)
 UserId="57890" --> Word Count (195)
 UserId="57890" --> Word Count (9)
 UserId="57890" --> Word Count (1)
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 UserId="57889" --> Word Count (7)
 UserId="57889" --> Word Count (1)
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 UserId="15828" --> Word Count (1)
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 UserId="55027" --> Word Count (1)
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 UserId="33501" --> Word Count (1)
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 UserId="57898" --> Word Count (4)
 UserId="57898" --> Word Count (1)
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 UserId="33501" Comment="added 222 characters in body; edited title" --> Word Count (16)
 UserId="26019" --> Word Count (130)
 UserId="26019" --> Word Count (9)
 UserId="26019" --> Word Count (1)
 UserId="41591" --> Word Count (65)
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 UserId="39688" --> Word Count (59)

UserId="53479" --> Word Count (95)
 UserId="53479" --> Word Count (74)
 UserId="45264" Comment="Added further information after comment from OP." -->
 Word Count (210)
 UserId="53479" Comment="added 5 characters in body" --> Word Count (96)
 UserId="50534" --> Word Count (83)
 UserId="50534" --> Word Count (8)
 UserId="50534" --> Word Count (1)
 UserId="45264" --> Word Count (86)
 UserId="45264" --> Word Count (213)
 UserId="57904" --> Word Count (556)
 UserId="57904" --> Word Count (7)
 UserId="57904" --> Word Count (1)
 UserId="45264" --> Word Count (501)
 UserId="26019" Comment="edited body" --> Word Count (60)
 UserId="57906" --> Word Count (200)
 UserId="57906" --> Word Count (10)
 UserId="57906" --> Word Count (1)
 UserId="14588" --> Word Count (78)
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 UserId="30728" --> Word Count (7)
 UserId="30728" --> Word Count (1)
 UserId="57898" Comment="edited body" --> Word Count (360)
 UserId="51541" --> Word Count (31)
 UserId="50363" --> Word Count (165)
 UserId="53479" --> Word Count (82)
 UserId="57912" --> Word Count (11)
 UserId="53479" --> Word Count (149)
 UserId="51209" Comment="added 189 characters in body" --> Word Count (46)
 UserId="45264" Comment="Added further information after comment from OP." -->
 Word Count (222)
 UserId="43077" Comment="added 369 characters in body" --> Word Count (171)
 UserId="43077" Comment="added 62 characters in body" --> Word Count (180)
 UserId="57914" --> Word Count (85)
 UserId="57914" --> Word Count (4)
 UserId="57914" --> Word Count (1)
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 UserId="57917" --> Word Count (1)
 UserId="18513" --> Word Count (262)
 UserId="57919" --> Word Count (70)
 UserId="57919" --> Word Count (8)
 UserId="57919" --> Word Count (1)
 UserId="57917" Comment="added 181 characters in body" --> Word Count (152)
 UserId="43077" --> Word Count (122)
 UserId="43077" --> Word Count (10)
 UserId="43077" --> Word Count (1)
 UserId="43077" Comment="added 33 characters in body" --> Word Count (129)

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 UserId="37363" --> Word Count (126)
 UserId="37363" --> Word Count (5)
 UserId="37363" --> Word Count (1)
 UserId="15828" Comment="added 1 character in body" --> Word Count (197)
 UserId="1330" --> Word Count (26)
 UserId="57930" --> Word Count (26)
 UserId="57930" --> Word Count (9)
 UserId="57930" --> Word Count (1)
 UserId="47247" --> Word Count (198)
 UserId="47247" --> Word Count (5)
 UserId="47247" --> Word Count (1)
 UserId="53479" --> Word Count (176)
 UserId="53479" --> Word Count (55)
 UserId="15828" --> Word Count (403)
 UserId="15828" Comment="edited tags" --> Word Count (1)
 UserId="15828" Comment="deleted 18 characters in body" --> Word Count (400)
 UserId="53479" Comment="added 165 characters in body" --> Word Count (58)
 UserId="15828" --> Word Count (464)
 UserId="39338" Comment="Better Framed" --> Word Count (501)
 UserId="39338" Comment="Better Framed" --> Word Count (5)
 UserId="15828" Comment="added 31 characters in body" --> Word Count (468)
 UserId="42613" --> Word Count (91)
 UserId="42613" --> Word Count (12)
 UserId="42613" --> Word Count (1)
 UserId="26019" --> Word Count (116)
 UserId="26019" --> Word Count (5)
 UserId="26019" --> Word Count (1)
 UserId="57697" --> Word Count (86)
 UserId="57697" --> Word Count (3)
 UserId="57697" --> Word Count (1)
 UserId="57904" --> Word Count (55)
 UserId="42613" Comment="added 390 characters in body" --> Word Count (158)
 UserId="57904" Comment="Answered to comment" --> Word Count (246)
 UserId="57904" Comment="Corrected some stuff" --> Word Count (254)
 UserId="53479" --> Word Count (295)
 UserId="57939" --> Word Count (68)
 UserId="53479" Comment="added 22 characters in body" --> Word Count (300)
 UserId="15828" Comment="added 152 characters in body; deleted 7 characters in body" --> Word Count (424)
 UserId="57938" --> Word Count (208)
 UserId="57938" --> Word Count (5)
 UserId="57938" --> Word Count (1)
 UserId="57938" Comment="added 32 characters in body" --> Word Count (211)
 UserId="53950" --> Word Count (70)
 UserId="39338" Comment="added 3695 characters in body" --> Word Count (1581)
 UserId="57938" Comment="added 81 characters in body; edited title" --> Word Count (222)

UserId="57938" Comment="added 81 characters in body; edited title" --> Word Count (9)
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 UserId="53575" --> Word Count (119)
 UserId="53575" --> Word Count (14)
 UserId="53575" --> Word Count (1)
 UserId="39338" --> Word Count (51)
 UserId="39338" Comment="better format" --> Word Count (117)
 UserId="43061" --> Word Count (62)
 UserId="23204" --> Word Count (335)
 UserId="23204" Comment="Highlight that CLT needs i.i.d. samples, better explanation" --> Word Count (361)
 UserId="47832" --> Word Count (517)
 UserId="43077" --> Word Count (248)
 UserId="43077" --> Word Count (4)
 UserId="43077" --> Word Count (1)
 UserId="41631" --> Word Count (80)
 UserId="41631" --> Word Count (8)
 UserId="41631" --> Word Count (1)
 UserId="55027" Comment="added 266 characters in body" --> Word Count (107)
 UserId="45264" Comment="added tag" --> Word Count (1)
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 UserId="57727" --> Word Count (15)
 UserId="57727" --> Word Count (1)
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 UserId="57953" --> Word Count (99)
 UserId="57953" --> Word Count (14)
 UserId="57953" --> Word Count (1)
 UserId="28175" Comment="edited body; edited tags" --> Word Count (80)
 UserId="28175" Comment="edited body; edited tags" --> Word Count (1)
 UserId="28175" Comment="added 22 characters in body" --> Word Count (155)
 UserId="47832" --> Word Count (186)
 UserId="28175" --> Word Count (147)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="43141" Comment="deleted 18 characters in body" --> Word Count (629)
 UserId="28175" Comment="added 485 characters in body" --> Word Count (247)
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 UserId="57956" --> Word Count (1)
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 UserId="29575" Comment="Minor grammar" --> Word Count (8)
 UserId="57917" Comment="edited tags" --> Word Count (1)
 UserId="56380" --> Word Count (101)
 UserId="21" Comment="104" --> Word Count (3)
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 UserId="57960" --> Word Count (9)
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 UserId="57804" --> Word Count (93)

UserId="57804" --> Word Count (6)
 UserId="57804" --> Word Count (1)
 UserId="47832" Comment="added 7 characters in body" --> Word Count (518)
 UserId="28613" --> Word Count (84)
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 UserId="28613" --> Word Count (1)
 UserId="56985" --> Word Count (277)
 UserId="56985" --> Word Count (10)
 UserId="56985" --> Word Count (1)
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 UserId="29169" --> Word Count (57)
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 UserId="57963" --> Word Count (79)
 UserId="57963" --> Word Count (6)
 UserId="57963" --> Word Count (1)
 UserId="56985" Comment="added 63 characters in body" --> Word Count (366)
 UserId="15828" Comment="added 306 characters in body" --> Word Count (478)
 UserId="56985" Comment="edited title" --> Word Count (10)
 UserId="29575" Comment="Minor formatting" --> Word Count (100)
 UserId="49375" --> Word Count (48)
 UserId="57613" --> Word Count (542)
 UserId="57613" --> Word Count (5)
 UserId="57613" --> Word Count (1)
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 UserId="57967" --> Word Count (735)
 UserId="57967" --> Word Count (7)
 UserId="57967" --> Word Count (1)
 UserId="49375" --> Word Count (214)
 UserId="57969" --> Word Count (94)
 UserId="57969" --> Word Count (7)
 UserId="57969" --> Word Count (1)
 UserId="15828" Comment="added 30 characters in body" --> Word Count (435)
 UserId="8878" --> Word Count (324)
 UserId="57969" Comment="added 326 characters in body" --> Word Count (148)
 UserId="37363" --> Word Count (776)
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 UserId="35644" Comment="added 1 character in body" --> Word Count (324)
 UserId="57431" --> Word Count (60)
 UserId="57974" --> Word Count (114)
 UserId="57974" --> Word Count (6)
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 UserId="57973" --> Word Count (493)
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UserId="57973" Comment="One link wasn't working" --> Word Count (493)
 UserId="23204" --> Word Count (190)
 UserId="53950" --> Word Count (68)
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 UserId="57984" --> Word Count (14)
 UserId="57984" --> Word Count (1)
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 UserId="47832" Comment="added 53 characters in body" --> Word Count (194)
 UserId="40827" --> Word Count (55)
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 UserId="40827" --> Word Count (1)
 UserId="57727" Comment="added 2 characters in body" --> Word Count (47)
 UserId="41721" --> Word Count (391)
 UserId="57727" Comment="added 145 characters in body" --> Word Count (54)
 UserId="57231" Comment="deleted 409 characters in body" --> Word Count (65)
 UserId="57416" --> Word Count (84)
 UserId="14588" --> Word Count (113)
 UserId="53367" Comment="edited body" Text="For ****.bin**** use: [`load_fasttext_for`
`mat()`]"([https://radimrehurek.com/gensim/models/fasttext.html#gensim.models.fastt](https://radimrehurek.com/gensim/models/fasttext.html#gensim.models.fasttext.Fast)
`ext.Fast` --> Word Count (66)
 UserId="57789" --> Word Count (103)
 UserId="57909" --> Word Count (139)
 UserId="41335" --> Word Count (287)
 UserId="41335" --> Word Count (11)
 UserId="41335" --> Word Count (1)
 UserId="57996" --> Word Count (68)
 UserId="57996" --> Word Count (6)
 UserId="57996" --> Word Count (1)
 UserId="57997" --> Word Count (57)
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 UserId="58000" --> Word Count (91)
 UserId="58000" --> Word Count (12)
 UserId="58000" --> Word Count (1)
 UserId="40827" Comment="added 10 characters in body" --> Word Count (57)
 UserId="53479" --> Word Count (95)
 UserId="50711" --> Word Count (88)
 UserId="50711" --> Word Count (5)
 UserId="50711" --> Word Count (1)
 UserId="53479" Comment="added 76 characters in body" --> Word Count (107)
 UserId="26019" Comment="edited body" --> Word Count (59)
 UserId="58002" --> Word Count (397)
 UserId="58002" --> Word Count (13)
 UserId="58002" --> Word Count (1)
 UserId="42613" Comment="added 47 characters in body" --> Word Count (164)
 UserId="50534" --> Word Count (128)

UserId="14904" --> Word Count (342)
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 UserId="50534" --> Word Count (42)
 UserId="50534" Comment="added 348 characters in body" --> Word Count (190)
 UserId="57416" Comment="edited body" --> Word Count (83)
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 UserId="57298" --> Word Count (11)
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 UserId="14904" --> Word Count (118)
 UserId="14904" --> Word Count (111)
 UserId="26019" Comment="edited body" --> Word Count (292)
 UserId="29575" Comment="edited body" --> Word Count (294)
 UserId="57909" Comment="Specify variable and is it linear regression? I have corrected grammatical error." --> Word Count (80)
 UserId="29575" Comment="Specify variable and is it linear regression? I have corrected grammatical error." --> Word Count (80)
 UserId="50534" Comment="added 672 characters in body" --> Word Count (174)
 UserId="49590" --> Word Count (573)
 UserId="49590" --> Word Count (6)
 UserId="49590" --> Word Count (1)
 UserId="50534" Comment="added 53 characters in body" --> Word Count (52)
 UserId="50534" --> Word Count (65)
 UserId="58010" --> Word Count (90)
 UserId="58010" --> Word Count (5)
 UserId="58010" --> Word Count (1)
 UserId="58012" --> Word Count (55)
 UserId="58012" --> Word Count (4)
 UserId="58012" --> Word Count (1)
 UserId="58013" --> Word Count (80)
 UserId="56237" --> Word Count (440)
 UserId="56237" --> Word Count (11)
 UserId="56237" --> Word Count (1)
 UserId="26700" Comment="Added link to brief introduction to genetic algorithms" --> Word Count (86)
 UserId="56701" --> Word Count (141)
 UserId="56701" --> Word Count (5)
 UserId="56701" --> Word Count (1)
 UserId="41591" --> Word Count (203)
 UserId="41591" --> Word Count (6)
 UserId="41591" --> Word Count (1)
 UserId="56701" Comment="added 18 characters in body" --> Word Count (142)
 UserId="57871" --> Word Count (113)
 UserId="57871" --> Word Count (7)
 UserId="57871" --> Word Count (1)
 UserId="57871" Comment="deleted 2 characters in body" --> Word Count (120)
 UserId="57237" --> Word Count (66)
 UserId="57237" --> Word Count (12)

UserId="57237" --> Word Count (1)
 UserId="45264" --> Word Count (200)
 UserId="37363" --> Word Count (68)
 UserId="15828" --> Word Count (252)
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 UserId="45264" --> Word Count (121)
 UserId="58022" --> Word Count (112)
 UserId="58022" --> Word Count (12)
 UserId="58022" --> Word Count (1)
 UserId="29575" Comment="Fix typo" --> Word Count (80)
 UserId="15828" Comment="deleted 18 characters in body" --> Word Count (249)
 UserId="57732" --> Word Count (172)
 UserId="57732" --> Word Count (11)
 UserId="57732" --> Word Count (1)
 UserId="58024" --> Word Count (51)
 UserId="58024" --> Word Count (6)
 UserId="58024" --> Word Count (1)
 UserId="15828" --> Word Count (93)
 UserId="58025" --> Word Count (158)
 UserId="58025" --> Word Count (5)
 UserId="58025" --> Word Count (1)
 UserId="57486" Comment="deleted '0 down vote favorite' at top of post (must've been copied and pasted)" --> Word Count (113)
 UserId="57909" Comment="fixed grammar, improved formatting" --> Word Count (94)
 UserId="33441" --> Word Count (30)
 UserId="33441" --> Word Count (16)
 UserId="33441" --> Word Count (1)
 UserId="33441" Comment="added 23 characters in body; edited title" --> Word Count (35)
 UserId="33441" Comment="added 23 characters in body; edited title" --> Word Count (11)
 UserId="33441" Comment="edited tags" --> Word Count (1)
 UserId="57871" Comment="added 2 characters in body" --> Word Count (105)
 UserId="57871" Comment="edited body" --> Word Count (105)
 UserId="57871" Comment="deleted 1 character in body" --> Word Count (104)
 UserId="52089" --> Word Count (75)
 UserId="27741" --> Word Count (170)
 UserId="27741" --> Word Count (7)
 UserId="27741" --> Word Count (1)
 UserId="27741" Comment="added 30 characters in body; added 2 characters in body; added 118 characters in body; added 19 characters in body; added 2 characters in body; added 57 characters in body" --> Word Count (203)
 UserId="27741" Comment="edited tags" --> Word Count (1)
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 UserId="58033" --> Word Count (6)
 UserId="58033" --> Word Count (1)
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 UserId="34036" --> Word Count (114)

UserId="34036" --> Word Count (12)
 UserId="34036" --> Word Count (1)
 UserId="57938" Comment="Main objective of the question" --> Word Count (292)
 UserId="57998" --> Word Count (393)
 UserId="57998" --> Word Count (12)
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 UserId="42613" Comment="edited body" --> Word Count (164)
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 UserId="44139" --> Word Count (157)
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 UserId="57938" --> Word Count (7)
 UserId="57938" --> Word Count (1)
 UserId="58019" --> Word Count (17)
 UserId="57614" --> Word Count (586)
 UserId="57614" --> Word Count (7)
 UserId="57614" --> Word Count (1)
 UserId="57614" Comment="edited body; added 1 character in body" --> Word Count (586)
 UserId="53361" --> Word Count (153)
 UserId="53361" --> Word Count (9)
 UserId="53361" --> Word Count (1)
 UserId="53361" Comment="edited tags" --> Word Count (1)
 UserId="58022" Comment="added 69 characters in body" --> Word Count (121)
 UserId="53361" Comment="edited tags" --> Word Count (180)
 UserId="57785" --> Word Count (241)
 UserId="836" --> Word Count (245)
 UserId="57909" Comment="fixed spellings, improved formatting" --> Word Count (587)
 UserId="56908" --> Word Count (696)
 UserId="56908" --> Word Count (6)
 UserId="56908" --> Word Count (1)
 UserId="44083" --> Word Count (81)
 UserId="44083" --> Word Count (11)
 UserId="44083" --> Word Count (1)
 UserId="53361" Comment="deleted 149 characters in body" --> Word Count (160)
 UserId="53361" Comment="deleted 149 characters in body" --> Word Count (10)
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 UserId="49852" --> Word Count (100)

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 UserId="58061" --> Word Count (1)
 UserId="34269" Comment="improved formatting" --> Word Count (98)
 UserId="52588" --> Word Count (92)
 UserId="58067" --> Word Count (208)
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 --> Word Count (242)
 UserId="57724" --> Word Count (22)
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 UserId="57724" --> Word Count (1)
 UserId="45264" --> Word Count (275)
 UserId="45264" --> Word Count (207)
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 UserId="57724" --> Word Count (20)
 UserId="57724" --> Word Count (1)
 UserId="8820" Comment="added 123 characters in body" --> Word Count (101)
 UserId="45264" Comment="Added further information after discussion in comments."
 --> Word Count (345)
 UserId="54353" --> Word Count (147)
 UserId="54353" --> Word Count (6)
 UserId="54353" --> Word Count (1)
 UserId="57382" Comment="Fixed conceptual error" --> Word Count (69)
 UserId="57909" Comment="fixed grammar, improved formatting" --> Word Count (34)
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 UserId="10327" Comment="Fixed spelling mistake in the question." --> Word Count
 (7)
 UserId="21" Comment="102" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (3)
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 UserId="21" Comment="104" --> Word Count (3)
 UserId="58065" --> Word Count (1475)
 UserId="58065" --> Word Count (8)
 UserId="58065" --> Word Count (1)
 UserId="38973" --> Word Count (44)
 UserId="38973" --> Word Count (9)
 UserId="38973" --> Word Count (1)

UserId="38973" Comment="added 95 characters in body" --> Word Count (54)
 UserId="58083" --> Word Count (69)
 UserId="58083" --> Word Count (3)
 UserId="58083" --> Word Count (1)
 UserId="45264" --> Word Count (285)
 UserId="38973" Comment="added 10 characters in body" --> Word Count (56)
 UserId="45264" --> Word Count (148)
 UserId="23305" Comment="clean up" --> Word Count (1632)
 UserId="23305" Comment="clean up" --> Word Count (1)
 UserId="31626" --> Word Count (103)
 UserId="31626" --> Word Count (4)
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 UserId="37793" --> Word Count (113)
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 UserId="51408" --> Word Count (1)
 UserId="58019" --> Word Count (106)
 UserId="26394" Comment="Removed text" --> Word Count (103)
 UserId="24000" Comment="Reformatted" --> Word Count (30)
 UserId="24000" Comment="Reformatted" --> Word Count (9)
 UserId="50406" Comment="AutoReformatted improvements" --> Word Count (28)
 UserId="3443" --> Word Count (111)
 UserId="3443" --> Word Count (12)
 UserId="3443" --> Word Count (1)
 UserId="3443" Comment="added 145 characters in body" --> Word Count (125)
 UserId="3443" Comment="added 145 characters in body" --> Word Count (1)
 UserId="3443" Comment="added 145 characters in body" --> Word Count (14)
 UserId="58104" --> Word Count (19)
 UserId="58104" --> Word Count (11)
 UserId="58104" --> Word Count (1)
 UserId="45262" --> Word Count (66)
 UserId="45262" --> Word Count (8)
 UserId="45262" --> Word Count (1)
 UserId="23632" --> Word Count (81)
 UserId="23632" --> Word Count (9)
 UserId="23632" --> Word Count (1)
 UserId="58112" --> Word Count (66)
 UserId="58112" --> Word Count (9)
 UserId="58112" --> Word Count (1)
 UserId="45264" --> Word Count (148)

UserId="45264" --> Word Count (137)
 UserId="58113" --> Word Count (66)
 UserId="58113" --> Word Count (9)
 UserId="58113" --> Word Count (1)
 UserId="23632" --> Word Count (33)
 UserId="23632" --> Word Count (6)
 UserId="23632" --> Word Count (1)
 UserId="9174" --> Word Count (43)
 UserId="9174" --> Word Count (7)
 UserId="9174" --> Word Count (1)
 UserId="58104" Comment="added 220 characters in body" --> Word Count (40)
 UserId="58122" --> Word Count (59)
 UserId="58122" --> Word Count (7)
 UserId="58122" --> Word Count (1)
 UserId="58113" Comment="Improving the tags so interested parties can find " -->
 Word Count (1)
 UserId="58098" Comment="different index for data sample and class is less
 confusing" --> Word Count (208)
 UserId="29575" Comment="different index for data sample and class is less
 confusing" --> Word Count (207)
 UserId="38973" Comment="added 42 characters in body; edited tags" --> Word
 Count (62)
 UserId="38973" Comment="added 42 characters in body; edited tags" --> Word
 Count (1)
 UserId="38973" Comment="added 42 characters in body; edited tags" --> Word
 Count (61)
 UserId="38973" Comment="added 42 characters in body; edited tags" --> Word
 Count (8)
 UserId="38973" Comment="added 42 characters in body; edited tags" --> Word
 Count (78)
 UserId="56380" --> Word Count (212)
 UserId="56985" --> Word Count (727)
 UserId="56985" --> Word Count (10)
 UserId="56985" --> Word Count (1)
 UserId="58129" --> Word Count (135)
 UserId="58129" --> Word Count (12)
 UserId="58129" --> Word Count (1)
 UserId="15569" --> Word Count (19)
 UserId="23305" --> Word Count (81)
 UserId="58135" --> Word Count (253)
 UserId="58135" --> Word Count (299)
 UserId="29575" Comment="Minor formatting" --> Word Count (208)
 UserId="54777" --> Word Count (156)
 UserId="54777" --> Word Count (17)
 UserId="54777" --> Word Count (1)
 UserId="58083" --> Word Count (81)
 UserId="58083" --> Word Count (2)
 UserId="58083" --> Word Count (1)

UserId="58140" --> Word Count (1082)
 UserId="58140" --> Word Count (13)
 UserId="58140" --> Word Count (1)
 UserId="58034" --> Word Count (384)
 UserId="57545" --> Word Count (83)
 UserId="57545" --> Word Count (15)
 UserId="57545" --> Word Count (1)
 UserId="24000" --> Word Count (34)
 UserId="836" --> Word Count (338)
 UserId="45264" --> Word Count (515)
 UserId="45264" Comment="added 94 characters in body" --> Word Count (522)
 UserId="56922" --> Word Count (627)
 UserId="56922" --> Word Count (6)
 UserId="56922" --> Word Count (1)
 UserId="32697" --> Word Count (233)
 UserId="15569" Comment="added 91 characters in body" --> Word Count (25)
 UserId="50863" --> Word Count (67)
 UserId="24000" Comment="Add information about the solution not working with TensorFlow backend right now" --> Word Count (46)
 UserId="53790" --> Word Count (71)
 UserId="53790" --> Word Count (17)
 UserId="53790" --> Word Count (1)
 UserId="58164" --> Word Count (121)
 UserId="58164" --> Word Count (5)
 UserId="58164" --> Word Count (1)
 UserId="58135" --> Word Count (93)
 UserId="24000" Comment="Reformatted" --> Word Count (80)
 UserId="29575" Comment="Reformatted" --> Word Count (80)
 UserId="15569" --> Word Count (6)
 UserId="43613" --> Word Count (45)
 UserId="43613" --> Word Count (7)
 UserId="43613" --> Word Count (1)
 UserId="28175" --> Word Count (57)
 UserId="53790" Comment="added 128 characters in body" --> Word Count (92)
 UserId="57429" --> Word Count (266)
 UserId="57429" --> Word Count (5)
 UserId="57429" --> Word Count (1)
 UserId="46899" Comment="They were unclear as to what column needed to be the minimum. "Minimum valued row" means nothing... do you want to average B&C or add them, etc... I think they meant minimum value of 'c'" --> Word Count (234)
 UserId="29575" Comment="Minor formatting" --> Word Count (354)
 UserId="56354" --> Word Count (21)
 UserId="56354" --> Word Count (20)
 UserId="58034" --> Word Count (182)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (25)
 UserId="29575" Comment="Minor formatting" --> Word Count (56)

UserId="29575" Comment="Remove extra commentary" --> Word Count (69)
 UserId="58174" --> Word Count (170)
 UserId="58174" --> Word Count (8)
 UserId="58174" --> Word Count (1)
 UserId="43077" --> Word Count (110)
 UserId="43077" --> Word Count (10)
 UserId="43077" --> Word Count (1)
 UserId="58187" --> Word Count (136)
 UserId="58187" --> Word Count (12)
 UserId="58187" --> Word Count (1)
 UserId="58034" --> Word Count (267)
 UserId="56354" --> Word Count (64)
 UserId="56354" --> Word Count (37)
 UserId="836" --> Word Count (270)
 UserId="836" Comment="edited body" --> Word Count (270)
 UserId="58006" --> Word Count (86)
 UserId="58006" --> Word Count (12)
 UserId="58006" --> Word Count (1)
 UserId="58191" --> Word Count (85)
 UserId="58191" --> Word Count (8)
 UserId="58191" --> Word Count (1)
 UserId="34269" Comment="improved formatting" --> Word Count (84)
 UserId="34269" --> Word Count (150)
 UserId="836" Comment="added 133 characters in body" --> Word Count (295)
 UserId="58193" --> Word Count (220)
 UserId="58193" --> Word Count (13)
 UserId="58193" --> Word Count (1)
 UserId="58196" --> Word Count (28)
 UserId="58196" --> Word Count (71)
 UserId="58196" --> Word Count (53)
 UserId="58196" --> Word Count (62)
 UserId="58196" --> Word Count (42)
 UserId="58198" --> Word Count (31)
 UserId="58196" Comment="added 7 characters in body" --> Word Count (30)
 UserId="26019" Comment="edited body" --> Word Count (138)
 UserId="26019" Comment="edited body" --> Word Count (1)
 UserId="29575" Comment="edited body" --> Word Count (139)
 UserId="58196" --> Word Count (60)
 UserId="58196" --> Word Count (70)
 UserId="42772" --> Word Count (491)
 UserId="42772" --> Word Count (8)
 UserId="42772" --> Word Count (1)
 <DELETE> --> Word Count (766)
 <DELETE> --> Word Count (14)
 <DELETE> --> Word Count (1)
 <DELETE> --> Word Count (778)
 <DELETE> --> Word Count (827)
 <DELETE> --> Word Count (832)

<DELETE> --> Word Count (907)
 <DELETE> --> Word Count (941)
 UserId="58135" --> Word Count (100)
 UserId="32429" --> Word Count (92)
 UserId="32429" --> Word Count (7)
 UserId="32429" --> Word Count (1)
 UserId="58135" --> Word Count (56)
 UserId="58135" Comment="added 312 characters in body" --> Word Count (89)
 UserId="58207" --> Word Count (13)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (80)
 UserId="29575" Comment="Minor formatting" --> Word Count (21)
 UserId="58135" Comment="deleted 4 characters in body" --> Word Count (79)
 UserId="58135" --> Word Count (44)
 UserId="58135" Comment="added 120 characters in body" --> Word Count (52)
 UserId="58135" --> Word Count (64)
 UserId="58135" --> Word Count (5)
 UserId="58135" --> Word Count (1)
 UserId="58210" --> Word Count (24)
 UserId="836" Comment="added 133 characters in body" --> Word Count (326)
 UserId="37793" --> Word Count (74)
 UserId="43077" --> Word Count (65)
 UserId="43077" --> Word Count (11)
 UserId="43077" --> Word Count (1)
 UserId="43077" Comment="added 142 characters in body" --> Word Count (92)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="49119" --> Word Count (1127)
 UserId="49119" --> Word Count (7)
 UserId="49119" --> Word Count (1)
 UserId="44477" --> Word Count (95)
 UserId="44477" --> Word Count (12)
 UserId="44477" --> Word Count (1)
 UserId="45450" --> Word Count (95)
 UserId="45450" --> Word Count (11)
 UserId="45450" --> Word Count (1)
 UserId="41204" --> Word Count (90)
 UserId="52089" --> Word Count (135)
 <DELETE> --> Word Count (943)
 UserId="58210" --> Word Count (56)
 UserId="42953" --> Word Count (267)
 UserId="42953" --> Word Count (7)
 UserId="42953" --> Word Count (1)
 UserId="45264" --> Word Count (652)
 UserId="45264" Comment="Added link and rearranged some points." --> Word Count (670)
 UserId="34265" Comment="Corrected grammar" --> Word Count (9)
 UserId="29575" Comment="Corrected grammar" --> Word Count (99)
 UserId="45264" Comment="deleted 2 characters in body" --> Word Count (669)
 UserId="50405" --> Word Count (123)

UserId="50405" --> Word Count (10)
UserId="50405" --> Word Count (1)
UserId="47672" --> Word Count (144)
UserId="10620" --> Word Count (145)
UserId="58251" --> Word Count (25)
UserId="58251" --> Word Count (8)
UserId="58251" --> Word Count (1)
UserId="58251" Comment="added 24 characters in body" --> Word Count (29)
UserId="33441" Comment="Made request more specific " --> Word Count (95)
UserId="44456" --> Word Count (658)
UserId="44456" Comment="added 184 characters in body" --> Word Count (688)
UserId="51431" --> Word Count (87)
UserId="51431" --> Word Count (10)
UserId="51431" --> Word Count (1)
UserId="50954" Comment="English and spelling out acronyms" --> Word Count (63)
UserId="58237" Comment="fix typo on comments" --> Word Count (1428)
UserId="58258" --> Word Count (364)
UserId="58258" --> Word Count (8)
UserId="58258" --> Word Count (1)
UserId="44456" Comment="added 168 characters in body" --> Word Count (717)
UserId="58265" --> Word Count (33)
UserId="58265" --> Word Count (4)
UserId="58265" --> Word Count (1)
UserId="58267" --> Word Count (74)
UserId="58267" --> Word Count (15)
UserId="58267" --> Word Count (1)
UserId="57664" --> Word Count (67)
UserId="57664" --> Word Count (15)
UserId="57664" --> Word Count (1)
UserId="58269" --> Word Count (306)
UserId="58269" --> Word Count (11)
UserId="58269" --> Word Count (1)
UserId="57237" --> Word Count (111)
UserId="57237" --> Word Count (6)
UserId="57237" --> Word Count (1)
UserId="57396" --> Word Count (53)
UserId="57396" --> Word Count (8)
UserId="57396" --> Word Count (1)
UserId="8560" --> Word Count (59)
UserId="23204" --> Word Count (216)
UserId="58277" --> Word Count (148)
UserId="58277" --> Word Count (12)
UserId="58277" --> Word Count (1)
UserId="23204" --> Word Count (479)
UserId="50534" --> Word Count (136)
UserId="57545" --> Word Count (465)
UserId="57545" --> Word Count (9)
UserId="57545" --> Word Count (1)

UserId="39052" --> Word Count (160)
 UserId="39052" --> Word Count (12)
 UserId="39052" --> Word Count (1)
 UserId="50405" Comment="edited title" --> Word Count (12)
 UserId="58010" Comment="deleted 11 characters in body" --> Word Count (93)
 UserId="46749" --> Word Count (81)
 UserId="58281" --> Word Count (86)
 UserId="46749" Comment="via Vote" --> Word Count (1)
 UserId="46749" Comment="added 637 characters in body" --> Word Count (222)
 UserId="46749" --> Word Count (1)
 UserId="45264" --> Word Count (333)
 UserId="45264" Comment="Added new updates" --> Word Count (515)
 UserId="58282" --> Word Count (228)
 UserId="58282" --> Word Count (11)
 UserId="58282" --> Word Count (1)
 UserId="58283" --> Word Count (163)
 UserId="58283" --> Word Count (3)
 UserId="58283" --> Word Count (1)
 UserId="34269" --> Word Count (526)
 UserId="58285" --> Word Count (107)
 UserId="58285" --> Word Count (7)
 UserId="58285" --> Word Count (1)
 UserId="37814" --> Word Count (153)
 UserId="37814" --> Word Count (10)
 UserId="37814" --> Word Count (1)
 UserId="57879" --> Word Count (33)
 UserId="45264" --> Word Count (382)
 UserId="26019" Comment="edited body" --> Word Count (369)
 UserId="29575" Comment="edited body" --> Word Count (370)
 UserId="41591" Comment="updated tags, code format" --> Word Count (232)
 UserId="41591" Comment="updated tags, code format" --> Word Count (8)
 UserId="41591" Comment="updated tags, code format" --> Word Count (1)
 UserId="29575" Comment="updated tags, code format" --> Word Count (232)
 UserId="58300" --> Word Count (214)
 UserId="58300" --> Word Count (7)
 UserId="58300" --> Word Count (1)
 UserId="43077" --> Word Count (48)
 UserId="43077" --> Word Count (6)
 UserId="43077" --> Word Count (1)
 UserId="54050" --> Word Count (10)
 UserId="54050" --> Word Count (13)
 UserId="54050" --> Word Count (1)
 UserId="836" --> Word Count (519)
 UserId="58308" --> Word Count (106)
 UserId="58308" --> Word Count (5)
 UserId="58308" --> Word Count (1)
 UserId="836" Comment="added 31 characters in body" --> Word Count (522)
 UserId="836" Comment="added 6 characters in body" --> Word Count (526)

UserId="58309" --> Word Count (35)
 UserId="28175" --> Word Count (42)
 UserId="58306" --> Word Count (159)
 UserId="58306" --> Word Count (5)
 UserId="58306" --> Word Count (1)
 UserId="28175" Comment="edited body" --> Word Count (42)
 UserId="58309" --> Word Count (68)
 UserId="14955" --> Word Count (56)
 UserId="58311" --> Word Count (40)
 UserId="58311" --> Word Count (13)
 UserId="58311" --> Word Count (1)
 UserId="58312" --> Word Count (172)
 UserId="58312" --> Word Count (3)
 UserId="58312" --> Word Count (1)
 UserId="29575" Comment="Add link" --> Word Count (56)
 UserId="26019" Comment="edited body" --> Word Count (68)
 UserId="26019" Comment="edited body" --> Word Count (1)
 UserId="29575" Comment="edited body" --> Word Count (68)
 UserId="26019" Comment="edited body" --> Word Count (218)
 UserId="29575" Comment="edited body" --> Word Count (211)
 UserId="26019" Comment="edited body" --> Word Count (100)
 UserId="26019" Comment="edited body" --> Word Count (1)
 UserId="29575" Comment="edited body" --> Word Count (98)
 UserId="54944" --> Word Count (31)
 UserId="37793" --> Word Count (25)
 UserId="58314" --> Word Count (86)
 UserId="58314" --> Word Count (10)
 UserId="58314" --> Word Count (1)
 UserId="58315" --> Word Count (154)
 UserId="58315" --> Word Count (10)
 UserId="58315" --> Word Count (1)
 UserId="58314" Comment="edited tags" --> Word Count (1)
 UserId="34269" Comment="improved formatting" --> Word Count (172)
 UserId="28175" --> Word Count (174)
 UserId="58321" --> Word Count (171)
 UserId="58321" --> Word Count (9)
 UserId="58321" --> Word Count (1)
 UserId="381" Comment="added 29 characters in body" --> Word Count (174)
 UserId="57974" --> Word Count (322)
 UserId="57974" --> Word Count (4)
 UserId="57974" --> Word Count (1)
 UserId="57664" Comment="added 477 characters in body" --> Word Count (156)
 UserId="58309" --> Word Count (71)
 UserId="37793" --> Word Count (123)
 UserId="31200" --> Word Count (115)
 UserId="31200" --> Word Count (14)
 UserId="31200" --> Word Count (1)
 UserId="31200" Comment="added 162 characters in body" --> Word Count (141)

UserId="37793" Comment="added 179 characters in body" --> Word Count (153)
 UserId="924" --> Word Count (59)
 UserId="31200" Comment="edited tags" --> Word Count (1)
 UserId="37793" Comment="added 16 characters in body" --> Word Count (156)
 UserId="58334" --> Word Count (141)
 UserId="58334" --> Word Count (9)
 UserId="58334" --> Word Count (1)
 UserId="33202" Comment="Added model code shared in a comment so it is easier to find. " --> Word Count (134)
 UserId="29575" Comment="Added model code shared in a comment so it is easier to find. " --> Word Count (135)
 UserId="58334" Comment="Updated what worked fine" --> Word Count (181)
 UserId="56716" --> Word Count (68)
 UserId="39338" --> Word Count (92)
 UserId="54292" --> Word Count (731)
 UserId="54292" --> Word Count (15)
 UserId="54292" --> Word Count (1)
 UserId="58342" --> Word Count (88)
 UserId="58342" --> Word Count (5)
 UserId="58342" --> Word Count (1)
 UserId="58300" Comment="added tags" --> Word Count (1)
 UserId="31200" Comment="added 144 characters in body" --> Word Count (163)
 UserId="57901" --> Word Count (1435)
 UserId="57901" --> Word Count (5)
 UserId="57901" --> Word Count (1)
 UserId="56938" --> Word Count (55)
 UserId="56938" --> Word Count (13)
 UserId="56938" --> Word Count (1)
 UserId="26562" --> Word Count (55)
 UserId="26562" --> Word Count (6)
 UserId="26562" --> Word Count (1)
 UserId="44456" --> Word Count (415)
 UserId="44456" Comment="deleted 1491 characters in body" --> Word Count (208)
 UserId="39052" Comment="specifying need for "disjoint" models" --> Word Count (173)
 UserId="57901" Comment="added 44 characters in body" --> Word Count (1442)
 UserId="46230" --> Word Count (102)
 UserId="46230" --> Word Count (5)
 UserId="46230" --> Word Count (1)
 UserId="44456" Comment="added 4 characters in body" --> Word Count (208)
 UserId="45264" Comment="Small corrections and added tag" --> Word Count (464)
 UserId="45264" Comment="Small corrections and added tag" --> Word Count (1)
 UserId="58309" --> Word Count (43)
 UserId="58309" --> Word Count (94)
 UserId="50519" Comment="added 275 characters in body" --> Word Count (48)
 UserId="32882" --> Word Count (84)
 UserId="32882" --> Word Count (11)
 UserId="32882" --> Word Count (1)

UserId="17696" --> Word Count (140)
 UserId="45610" --> Word Count (225)
 UserId="45610" Comment="added 167 characters in body" --> Word Count (196)
 UserId="45610" Comment="added 157 characters in body" --> Word Count (201)
 UserId="45610" Comment="deleted 87 characters in body" --> Word Count (185)
 UserId="57461" --> Word Count (114)
 UserId="32882" Comment="edited title" --> Word Count (11)
 UserId="45374" --> Word Count (95)
 UserId="45374" --> Word Count (8)
 UserId="45374" --> Word Count (1)
 UserId="45264" --> Word Count (515)
 UserId="33202" Comment="Comment that ReLU needs to be in the last layer" -->
 Word Count (119)
 UserId="44789" --> Word Count (134)
 UserId="45450" --> Word Count (127)
 UserId="45450" --> Word Count (23)
 UserId="45450" --> Word Count (1)
 UserId="57967" --> Word Count (9)
 UserId="58378" --> Word Count (315)
 UserId="58378" --> Word Count (5)
 UserId="58378" --> Word Count (1)
 UserId="58378" Comment="edited tags" --> Word Count (1)
 UserId="11061" --> Word Count (72)
 UserId="58380" Text="I used your [Open IE][1] 5 to extract the triples and got
 the following result,

** --> Word Count (398)
 UserId="58380" --> Word Count (4)
 UserId="58380" --> Word Count (1)
 UserId="13727" --> Word Count (187)
 UserId="58388" --> Word Count (58)
 UserId="58384" --> Word Count (13)
 UserId="58384" --> Word Count (9)
 UserId="58384" --> Word Count (1)
 UserId="56410" --> Word Count (63)
 UserId="56410" --> Word Count (7)
 UserId="56410" --> Word Count (1)
 UserId="58391" --> Word Count (52)
 UserId="58391" --> Word Count (11)
 UserId="58391" --> Word Count (1)
 UserId="58388" Comment="affiliation, octoparse" --> Word Count (72)
 UserId="58388" --> Word Count (130)
 UserId="58388" Comment="deleted 2 characters in body" --> Word Count (72)
 UserId="49700" --> Word Count (118)
 UserId="49700" --> Word Count (6)
 UserId="49700" --> Word Count (1)
 UserId="58398" --> Word Count (130)
 UserId="58398" --> Word Count (17)
 UserId="58398" --> Word Count (1)
 UserId="836" --> Word Count (368)

UserId="836" Comment="added 120 characters in body" --> Word Count (388)
 UserId="58384" --> Word Count (53)
 UserId="58384" --> Word Count (3)
 UserId="58384" --> Word Count (1)
 UserId="51839" --> Word Count (96)
 UserId="58400" --> Word Count (111)
 UserId="58400" --> Word Count (10)
 UserId="58400" --> Word Count (1)
 UserId="51812" --> Word Count (91)
 UserId="836" Comment="Add quotes and LaTeX formatting" --> Word Count (132)
 UserId="51812" --> Word Count (52)
 UserId="836" --> Word Count (135)
 UserId="51812" Comment="added 88 characters in body" --> Word Count (58)
 UserId="836" Comment="added 22 characters in body" --> Word Count (139)
 UserId="56922" --> Word Count (1267)
 UserId="56922" --> Word Count (12)
 UserId="56922" --> Word Count (1)
 UserId="56922" Comment="added 6 characters in body" --> Word Count (1267)
 UserId="51812" Comment="added 88 characters in body" --> Word Count (381)
 UserId="43294" --> Word Count (218)
 UserId="51812" --> Word Count (261)
 UserId="45610" --> Word Count (55)
 UserId="45610" --> Word Count (11)
 UserId="45610" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (10)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (122)
 UserId="57917" Comment="added 595 characters in body" --> Word Count (258)
 UserId="29575" Comment="Minor grammar" --> Word Count (61)
 UserId="29575" Comment="Minor grammar" --> Word Count (113)
 UserId="29575" Comment="Minor grammar" --> Word Count (92)
 UserId="51812" --> Word Count (45)
 UserId="58410" --> Word Count (52)
 UserId="58410" --> Word Count (2)
 UserId="58410" --> Word Count (1)
 UserId="56922" Comment="added 124 characters in body" --> Word Count (1278)
 UserId="58411" --> Word Count (73)
 UserId="58411" --> Word Count (23)
 UserId="58411" --> Word Count (1)
 UserId="56604" --> Word Count (163)
 UserId="56604" --> Word Count (8)
 UserId="56604" --> Word Count (1)
 UserId="46933" --> Word Count (93)
 UserId="46933" --> Word Count (10)
 UserId="46933" --> Word Count (1)
 UserId="58414" --> Word Count (26)
 UserId="58414" --> Word Count (6)
 UserId="58414" --> Word Count (1)
 UserId="34269" --> Word Count (140)

UserId="21" Comment="105" --> Word Count (3)
 UserId="58416" --> Word Count (191)
 UserId="58416" --> Word Count (4)
 UserId="58416" --> Word Count (1)
 UserId="46624" --> Word Count (173)
 UserId="46624" --> Word Count (22)
 UserId="34269" Comment="improved formatting and corrected typos" --> Word Count (190)
 UserId="34269" --> Word Count (156)
 UserId="45264" --> Word Count (326)
 UserId="46624" Text="Your (basic) task is sentiment analysis, covered in many places. 

There is a number of algorithms proven good for that, including LSTM but you need a good deal of data to train that (and compute power). Others is fast --> Word Count (126)
 UserId="46624" --> Word Count (10)
 UserId="49733" --> Word Count (27)
 UserId="49733" --> Word Count (4)
 UserId="49733" --> Word Count (1)
 UserId="29587" --> Word Count (97)
 UserId="38636" --> Word Count (80)
 UserId="38636" --> Word Count (5)
 UserId="38636" --> Word Count (1)
 UserId="58432" --> Word Count (335)
 UserId="58432" --> Word Count (4)
 UserId="58432" --> Word Count (1)
 UserId="58433" --> Word Count (66)
 UserId="58433" --> Word Count (11)
 UserId="58433" --> Word Count (1)
 UserId="30910" --> Word Count (99)
 UserId="30910" --> Word Count (12)
 UserId="30910" --> Word Count (1)
 UserId="15711" --> Word Count (42)
 UserId="58439" --> Word Count (153)
 UserId="58439" --> Word Count (4)
 UserId="58439" --> Word Count (1)
 UserId="58411" --> Word Count (189)
 UserId="58411" --> Word Count (212)
 UserId="53950" --> Word Count (86)
 UserId="57588" --> Word Count (81)
 UserId="45610" Comment="added 502 characters in body" --> Word Count (120)
 UserId="58433" Comment="added 647 characters in body" --> Word Count (179)
 UserId="45610" Comment="added 10 characters in body" --> Word Count (122)
 UserId="58433" --> Word Count (36)
 UserId="58433" --> Word Count (14)
 UserId="58433" --> Word Count (1)
 UserId="58448" --> Word Count (53)
 UserId="58448" --> Word Count (7)
 UserId="58448" --> Word Count (1)

UserId="58146" --> Word Count (173)
 UserId="58146" --> Word Count (11)
 UserId="58146" --> Word Count (1)
 UserId="58300" --> Word Count (43)
 UserId="45264" --> Word Count (310)
 UserId="47522" --> Word Count (130)
 UserId="47522" --> Word Count (5)
 UserId="47522" --> Word Count (1)
 UserId="58433" Comment="added 303 characters in body" --> Word Count (80)
 UserId="58433" Comment="added 303 characters in body" --> Word Count (17)
 UserId="45264" --> Word Count (410)
 UserId="26019" Comment="edited body" --> Word Count (338)
 UserId="29575" Comment="edited body" --> Word Count (337)
 UserId="26019" Comment="edited body" --> Word Count (169)
 UserId="29575" Comment="edited body" --> Word Count (169)
 UserId="26394" Comment="math formatting" --> Word Count (188)
 UserId="29575" Comment="math formatting" --> Word Count (188)
 UserId="29575" Comment="Minor formatting" --> Word Count (177)
 UserId="30412" --> Word Count (115)
 UserId="836" Comment="added 29 characters in body; edited title" --> Word Count (89)
 UserId="836" Comment="added 29 characters in body; edited title" --> Word Count (16)
 UserId="5041" --> Word Count (86)
 UserId="5041" Comment="added 199 characters in body" --> Word Count (121)
 UserId="836" Comment="deleted 22 characters in body" --> Word Count (87)
 UserId="58433" --> Word Count (50)
 UserId="58433" --> Word Count (13)
 UserId="58433" --> Word Count (1)
 UserId="5041" Comment="added 1275 characters in body" --> Word Count (401)
 UserId="46624" Text="For the sake of completeness, fast --> Word Count (49)
 UserId="836" --> Word Count (353)
 UserId="836" Comment="added 854 characters in body" --> Word Count (527)
 UserId="836" Comment="added 854 characters in body" --> Word Count (678)
 UserId="58411" --> Word Count (258)
 UserId="58433" --> Word Count (54)
 UserId="58433" --> Word Count (14)
 UserId="58433" --> Word Count (1)
 UserId="836" Comment="added 11 characters in body" --> Word Count (726)
 UserId="46624" Comment="added 560 characters in body" Text="Your (basic) task is sentiment analysis, covered in many places. 

There is a number of algorithms proven good for that, including LSTM but you need a good deal of data to train that (and compute power). Others is fast --> Word Count (210)
 UserId="23632" --> Word Count (155)
 UserId="23632" --> Word Count (5)
 UserId="23632" --> Word Count (1)
 UserId="45264" Comment="Typos and added info" --> Word Count (435)

UserId="46624" Text="Not sure how much about NLP you already digested, so
 shortly from the begining: 

 --> Word Count (108)
 UserId="30412" --> Word Count (98)
 UserId="46624" --> Word Count (152)
 UserId="58433" Comment="deleted 182 characters in body" --> Word Count (13)
 UserId="836" Comment="deleted 2000 characters in body" --> Word Count (355)
 UserId="836" --> Word Count (398)
 UserId="836" Comment="added 191 characters in body" --> Word Count (430)
 UserId="836" Comment="edited body" --> Word Count (355)
 UserId="58462" --> Word Count (40)
 UserId="46624" Comment="added 33 characters in body" Text="Your (basic) task is
 sentiment analysis, covered in many places. 

There is a
 number of algorithms proven good for that, including LSTM but you need a good
 deal of data to train that (and compute power). Others is fast --> Word Count
 (213)
 UserId="29575" Comment="Minor formatting" --> Word Count (60)
 UserId="46624" Text="fastText pretrained models should give you a boost to
 classification task.

gensim on the other hand has possibility
 to load model and train it with new texts but if you need to account for new
 words, you need to use

>
 build_vocab(update=True...)

So you can take with fast -->
 Word Count (10)
 UserId="30910" Comment="See comment" --> Word Count (78)
 UserId="23305" --> Word Count (105)
 UserId="24651" --> Word Count (113)
 UserId="24651" --> Word Count (3)
 UserId="24651" --> Word Count (1)
 UserId="37272" --> Word Count (334)
 UserId="37272" --> Word Count (10)
 UserId="37272" --> Word Count (1)
 UserId="37272" Comment="edited tags" --> Word Count (1)
 UserId="37272" Comment="deleted 105 characters in body; edited tags" --> Word
 Count (315)
 UserId="37272" Comment="deleted 105 characters in body; edited tags" --> Word
 Count (1)
 UserId="57429" --> Word Count (99)
 UserId="57429" --> Word Count (6)
 UserId="57429" --> Word Count (1)
 UserId="26394" Comment="code formatting fixed" --> Word Count (340)
 UserId="29575" Comment="code formatting fixed" --> Word Count (340)
 UserId="43077" --> Word Count (190)
 UserId="43077" --> Word Count (10)
 UserId="43077" --> Word Count (1)
 UserId="43077" Comment="added 405 characters in body" --> Word Count (258)
 UserId="58471" --> Word Count (225)
 UserId="58471" --> Word Count (7)
 UserId="58471" --> Word Count (1)
 UserId="41591" --> Word Count (123)

UserId="17696" --> Word Count (75)
 UserId="17696" Comment="added 37 characters in body" --> Word Count (83)
 UserId="58471" --> Word Count (9)
 UserId="836" Comment="added 210 characters in body" --> Word Count (464)
 UserId="836" --> Word Count (384)
 UserId="836" Comment="added 126 characters in body" --> Word Count (410)
 UserId="46624" Text="Check fast --> Word Count (29)
 UserId="57526" Text="Been there, done that, it is still hard. For complex HTML sources, using shallow feature analysis proved to be best -- so a package like Dragnet is a good place to start.

Our final result was a process chain (luigi), where we could mix, match and reorder the following text extraction tools by HTML source:

 - Shallow feature extraction (Dragnet)
 - Tag Stripping (Python stdlib)
 - Preg Replace (re Module)
 - Html2 --> Word Count (70)
 UserId="836" Comment="added 11 characters in body" --> Word Count (412)
 UserId="836" Comment="added 9 characters in body" --> Word Count (415)
 UserId="13450" Comment="I had incorrectly stated that gradients zero out for the dropped activations." --> Word Count (79)
 UserId="40852" --> Word Count (57)
 UserId="40852" --> Word Count (4)
 UserId="40852" --> Word Count (1)
 UserId="45507" Comment="deleted 7 characters in body" --> Word Count (354)
 UserId="37272" Comment="added 1 character in body; edited title" --> Word Count (340)
 UserId="37272" Comment="added 1 character in body; edited title" --> Word Count (7)
 UserId="58433" Comment="deleted 18 characters in body" --> Word Count (176)
 UserId="45507" Comment="deleted 26 characters in body" --> Word Count (293)
 UserId="57214" --> Word Count (291)
 UserId="57214" --> Word Count (5)
 UserId="57214" --> Word Count (1)
 UserId="58487" --> Word Count (117)
 UserId="58487" --> Word Count (9)
 UserId="58487" --> Word Count (1)
 UserId="46624" Text="You can download already generated vectors from 

Fast --> Word Count (15)
 UserId="46624" Comment="added 715 characters in body" Text="Not sure how much about NLP you already digested, so shortly from the begining:

 --> Word Count (229)
 UserId="26394" Comment="code formatting fixed" --> Word Count (291)
 UserId="26394" --> Word Count (313)
 UserId="34269" --> Word Count (240)
 UserId="58488" Comment="corrected spelling, fixed grammar" --> Word Count (296)
 UserId="29575" Comment="corrected spelling, fixed grammar" --> Word Count (436)
 UserId="58488" Comment="corrected spelling, fixed grammar" --> Word Count (61)
 UserId="58488" Comment="corrected spelling, fixed grammar" --> Word Count (5)
 UserId="29575" Comment="corrected spelling, fixed grammar" --> Word Count (62)
 UserId="58488" Comment="corrected spelling, fixed grammar" --> Word Count (118)

UserId="58488" --> Word Count (104)
 UserId="58488" --> Word Count (314)
 UserId="58488" --> Word Count (81)
 UserId="42354" --> Word Count (8)
 UserId="58488" Comment="corrected spelling, fixed grammar" --> Word Count (340)
 UserId="58488" Comment="corrected spelling, fixed grammar" --> Word Count (7)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="103" --> Word Count (2)
 <DELETE> --> Word Count (102)
 <DELETE> --> Word Count (30)
 <DELETE> --> Word Count (152)
 <DELETE> --> Word Count (5)
 <DELETE> --> Word Count (1)
 UserId="56922" --> Word Count (288)
 UserId="56922" --> Word Count (8)
 UserId="56922" --> Word Count (1)
 UserId="53056" --> Word Count (129)
 UserId="53056" --> Word Count (5)
 UserId="53056" --> Word Count (1)
 UserId="53056" Comment="added 99 characters in body" --> Word Count (137)
 UserId="57724" --> Word Count (86)
 UserId="57724" --> Word Count (10)
 UserId="57724" --> Word Count (1)
 UserId="50039" --> Word Count (235)
 UserId="50039" --> Word Count (7)
 UserId="50039" --> Word Count (1)
 UserId="15569" --> Word Count (41)
 UserId="26019" Comment="edited body" --> Word Count (142)
 UserId="57724" --> Word Count (35)
 UserId="57724" --> Word Count (17)
 UserId="57724" --> Word Count (1)
 UserId="28175" --> Word Count (44)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (35)
 UserId="28175" Comment="edited tags" --> Word Count (17)
 UserId="27983" --> Word Count (109)
 UserId="45264" --> Word Count (376)
 UserId="16807" --> Word Count (51)
 UserId="16807" --> Word Count (6)
 UserId="16807" --> Word Count (1)
 UserId="45264" --> Word Count (131)
 UserId="43472" --> Word Count (242)
 UserId="43472" --> Word Count (13)
 UserId="43472" --> Word Count (1)
 UserId="57118" --> Word Count (127)
 UserId="57118" --> Word Count (10)
 UserId="57118" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (198)

UserId="45264" --> Word Count (90)
UserId="45264" Comment="Added more information and links" --> Word Count (202)
UserId="58506" --> Word Count (93)
UserId="58507" --> Word Count (38)
UserId="58508" --> Word Count (104)
UserId="58508" --> Word Count (9)
UserId="58508" --> Word Count (1)
UserId="58510" --> Word Count (161)
UserId="58510" --> Word Count (6)
UserId="58510" --> Word Count (1)
UserId="26019" Comment="edited body" --> Word Count (173)
UserId="29575" Comment="edited body" --> Word Count (225)
UserId="23632" Comment="added 98 characters in body" --> Word Count (172)
UserId="50039" --> Word Count (124)
UserId="29587" --> Word Count (1057)
UserId="37272" Comment="added 92 characters in body" --> Word Count (343)
UserId="58508" --> Word Count (147)
UserId="37363" --> Word Count (381)
UserId="37363" --> Word Count (3)
UserId="37363" --> Word Count (1)
UserId="45264" --> Word Count (302)
UserId="45264" Comment="Added clarification" --> Word Count (310)
UserId="57588" Comment="update" --> Word Count (94)
UserId="58519" --> Word Count (27)
UserId="58519" --> Word Count (9)
UserId="58519" --> Word Count (1)
UserId="29575" Comment="Minor formatting" --> Word Count (28)
UserId="26394" --> Word Count (116)
UserId="58499" --> Word Count (26)
UserId="57724" --> Word Count (42)
UserId="57724" --> Word Count (19)
UserId="57724" --> Word Count (1)
UserId="58526" --> Word Count (148)
UserId="31043" --> Word Count (32)
UserId="31043" --> Word Count (15)
UserId="31043" --> Word Count (1)
UserId="58528" --> Word Count (280)
UserId="58528" --> Word Count (10)
UserId="58528" --> Word Count (1)
UserId="52257" --> Word Count (160)
UserId="58529" --> Word Count (54)
UserId="58529" --> Word Count (8)
UserId="58529" --> Word Count (1)
UserId="58210" --> Word Count (52)
UserId="52257" --> Word Count (104)
UserId="58530" --> Word Count (53)
UserId="58530" --> Word Count (4)
UserId="58530" --> Word Count (1)

UserId="34269" --> Word Count (346)
UserId="836" --> Word Count (435)
UserId="34269" --> Word Count (58)
UserId="34269" Comment="improved formatting" --> Word Count (24)
UserId="28175" --> Word Count (159)
UserId="28175" Comment="edited body; edited tags" --> Word Count (32)
UserId="28175" Comment="edited body; edited tags" --> Word Count (1)
UserId="6433" --> Word Count (28)
UserId="6433" --> Word Count (9)
UserId="6433" --> Word Count (1)
UserId="58006" --> Word Count (67)
UserId="58006" --> Word Count (3)
UserId="58006" --> Word Count (1)
UserId="58536" --> Word Count (143)
UserId="58536" --> Word Count (6)
UserId="58536" --> Word Count (1)
UserId="45374" --> Word Count (238)
UserId="58540" --> Word Count (61)
UserId="58540" --> Word Count (4)
UserId="58540" --> Word Count (1)
UserId="51125" --> Word Count (141)
UserId="51125" --> Word Count (8)
UserId="51125" --> Word Count (1)
UserId="26019" Comment="edited body" --> Word Count (152)
UserId="57724" --> Word Count (41)
UserId="57724" --> Word Count (11)
UserId="57724" --> Word Count (1)
UserId="58531" --> Word Count (170)
UserId="58531" --> Word Count (7)
UserId="58531" --> Word Count (1)
UserId="52257" --> Word Count (219)
UserId="45264" Comment="Formatting" --> Word Count (100)
UserId="45264" --> Word Count (188)
UserId="52257" --> Word Count (209)
UserId="52257" Comment="added 29 characters in body" --> Word Count (216)
UserId="29575" Comment="Remove extra commentary" --> Word Count (52)
UserId="58508" --> Word Count (117)
UserId="50478" --> Word Count (148)
UserId="46624" --> Word Count (94)
UserId="58517" --> Word Count (95)
UserId="58517" --> Word Count (4)
UserId="58517" --> Word Count (1)
UserId="58551" --> Word Count (67)
UserId="58551" --> Word Count (10)
UserId="58551" --> Word Count (1)
UserId="37363" Comment="added 115 characters in body; edited tags" --> Word Count (400)
UserId="37363" Comment="added 115 characters in body; edited tags" --> Word

Count (1)

UserId="58552" --> Word Count (89)
 UserId="58552" --> Word Count (5)
 UserId="58552" --> Word Count (1)
 UserId="50039" Comment="Add a thing I tried" --> Word Count (283)
 UserId="45264" --> Word Count (124)
 UserId="52089" --> Word Count (126)
 UserId="58488" Comment="corrected spelling, fixed grammar" --> Word Count (80)
 UserId="58488" Comment="corrected spelling, fixed grammar" --> Word Count (8)
 UserId="58488" --> Word Count (107)
 UserId="32440" --> Word Count (113)
 UserId="58488" Comment="corrected spelling, fixed grammar" --> Word Count (388)
 UserId="58488" Comment="corrected spelling, fixed grammar" --> Word Count (4)
 UserId="29575" Comment="corrected spelling, fixed grammar" --> Word Count (388)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (61)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (88)
 UserId="45264" --> Word Count (824)
 UserId="21" Comment="101" --> Word Count (3)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="58568" --> Word Count (73)
 UserId="58568" --> Word Count (8)
 UserId="58568" --> Word Count (1)
 UserId="32440" Comment="Typesetting." --> Word Count (170)
 UserId="32440" Comment="Not directly about keras or tensorflow. Grammar and typesetting." --> Word Count (27)
 UserId="32440" Comment="Not directly about keras or tensorflow. Grammar and typesetting." --> Word Count (1)
 UserId="29575" Comment="Not directly about keras or tensorflow. Grammar and typesetting." --> Word Count (29)
 UserId="29575" Comment="Not directly about keras or tensorflow. Grammar and typesetting." --> Word Count (9)
 UserId="58334" --> Word Count (358)
 UserId="26394" Comment="Added info from comments" --> Word Count (151)
 UserId="58384" --> Word Count (79)
 UserId="58384" --> Word Count (4)
 UserId="58384" --> Word Count (1)
 UserId="58384" --> Word Count (31)
 UserId="58384" --> Word Count (8)
 UserId="58384" --> Word Count (1)
 UserId="54855" Comment="improper explanation of the problem " --> Word Count (38)
 UserId="58444" --> Word Count (88)
 UserId="58581" --> Word Count (193)
 UserId="58581" --> Word Count (6)
 UserId="58581" --> Word Count (1)
 UserId="32440" Comment="Typesetting." --> Word Count (185)
 UserId="58583" --> Word Count (37)
 UserId="58583" --> Word Count (4)

UserId="58583" --> Word Count (1)
 UserId="57461" --> Word Count (24)
 UserId="26019" Comment="edited body" --> Word Count (96)
 UserId="58586" --> Word Count (80)
 UserId="58586" --> Word Count (5)
 UserId="58586" --> Word Count (1)
 UserId="54209" --> Word Count (52)
 UserId="54855" Comment="improper explanation of the problem " --> Word Count (72)
 UserId="58210" --> Word Count (103)
 UserId="53760" --> Word Count (59)
 UserId="58589" --> Word Count (89)
 UserId="58589" --> Word Count (7)
 UserId="58589" --> Word Count (1)
 UserId="58598" --> Word Count (251)
 UserId="836" --> Word Count (390)
 UserId="836" Comment="added 161 characters in body" --> Word Count (413)
 UserId="26525" --> Word Count (96)
 UserId="58603" --> Word Count (147)
 UserId="47504" --> Word Count (459)
 UserId="8041" --> Word Count (41)
 UserId="32440" Comment="Added clustering tag. Fixed capitalization." --> Word Count (40)
 UserId="32440" Comment="Added clustering tag. Fixed capitalization." --> Word Count (1)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="58612" --> Word Count (60)
 UserId="29575" Comment="Minor formatting" --> Word Count (78)
 UserId="47359" --> Word Count (210)
 UserId="47359" --> Word Count (6)
 UserId="47359" --> Word Count (1)
 UserId="14691" --> Word Count (171)
 UserId="14691" --> Word Count (5)
 UserId="14691" --> Word Count (1)
 UserId="47359" Comment="deleted 39 characters in body" --> Word Count (205)
 UserId="56380" Text="**The main idea here is: "birds of a feather flock together"** That is, words that appear near each other inform the "function" of a word.

More importantly, I think of the techniques you mentioned as "methods," rather than "models." The reason why is it seems possible to violate the definition of what a [distributional semantic model](https://en.wikipedia.org/wiki/Distributional_semantics) is without appropriate data preprocessing.

SVD for example, is typically a dimensionality reduction technique, or the pre-cursor to a clustering technique depending on feature engineering and usage of the methodology. In this case, if you were counting the co-occurrence of words across documents -- rows = documents, cols = words, cells = # of times that word appeared in that particular document -- and then you ran SVD on that, you might have the pre-

cursor to a "model" that may eventually be something you can call distributional semantic.

Another example could be Word2Vec, where one typically uses a neural network to train a shallow layer, and extract the weights. Word2Vec can be trained via Skip-gram, or continuous bag of words. Since the "meaning" of a word is derived from the co-occurrence and/or proximity to neighboring words, it may be considered a distributional semantic model. Fast --> Word Count (53)

UserId="58617" --> Word Count (360)
UserId="29575" Comment="Format list" --> Word Count (360)
UserId="58617" Comment="added 115 characters in body" --> Word Count (379)
UserId="58625" --> Word Count (136)
UserId="58625" --> Word Count (8)
UserId="58625" --> Word Count (1)
UserId="29575" Comment="Minor formatting" --> Word Count (152)
UserId="58628" --> Word Count (241)
UserId="58628" --> Word Count (13)
UserId="58628" --> Word Count (1)
UserId="14006" --> Word Count (187)
UserId="58629" --> Word Count (125)
UserId="58629" --> Word Count (8)
UserId="58629" --> Word Count (1)
UserId="58231" --> Word Count (117)
UserId="58231" --> Word Count (12)
UserId="58231" --> Word Count (1)
UserId="58444" Comment="added 189 characters in body" --> Word Count (115)
UserId="47359" Comment="deleted 1 character in body" --> Word Count (205)
UserId="53760" Comment="deleted 82 characters in body" --> Word Count (53)
UserId="836" --> Word Count (76)
UserId="29575" Comment="Minor formatting" --> Word Count (117)
UserId="39338" --> Word Count (593)
UserId="836" Comment="added 1163 characters in body" --> Word Count (248)
UserId="58587" --> Word Count (287)
UserId="58587" --> Word Count (6)
UserId="58587" --> Word Count (1)
UserId="58587" Comment="added residual plot" --> Word Count (299)
UserId="56558" --> Word Count (121)
UserId="56558" --> Word Count (6)
UserId="56558" --> Word Count (1)
UserId="39338" Comment="corrected spelling" --> Word Count (593)
UserId="37272" Comment="added 5 characters in body" --> Word Count (344)
UserId="58587" --> Word Count (68)
UserId="58587" --> Word Count (14)
UserId="58587" --> Word Count (1)
UserId="58645" --> Word Count (65)
UserId="58645" --> Word Count (18)
UserId="58645" --> Word Count (1)
UserId="58646" --> Word Count (44)
UserId="56558" Comment="confusion sentence" --> Word Count (121)

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UserId="58605" Comment="fixed broken link" Text="Here's the link for the methods
available for fasttext implementation in gensim
[fasttext.py][1]&#xD;&#xA;&#xD;&#xA;    from gensim.models.wrappers import
FastText&#xD;&#xA;&#xD;&#xA;    model = Fast --> Word Count (47)
UserId="58155" --> Word Count (33)
UserId="58155" --> Word Count (8)
UserId="58155" --> Word Count (1)
UserId="58651" --> Word Count (58)
UserId="58651" --> Word Count (7)
UserId="58651" --> Word Count (1)
UserId="50039" Comment="Fix title" --> Word Count (14)
UserId="57727" --> Word Count (93)
UserId="57727" --> Word Count (6)
UserId="57727" --> Word Count (1)
UserId="57727" Comment="deleted 95 characters in body" --> Word Count (79)
UserId="58155" Comment="added 4048 characters in body" --> Word Count (1167)
UserId="45374" --> Word Count (62)
UserId="57731" --> Word Count (29)
UserId="57731" --> Word Count (3)
UserId="57731" --> Word Count (1)
UserId="39338" --> Word Count (134)
UserId="58581" Comment="added 612 characters in body" --> Word Count (318)
UserId="58660" --> Word Count (130)
UserId="58660" --> Word Count (8)
UserId="58660" --> Word Count (1)
UserId="45264" --> Word Count (80)
UserId="45264" Comment="Added link to docs" --> Word Count (110)
UserId="3077" --> Word Count (307)
UserId="55049" --> Word Count (1087)
UserId="55049" --> Word Count (14)
UserId="55049" --> Word Count (1)
UserId="58660" Comment="added 28 characters in body" --> Word Count (136)
UserId="836" Comment="added 24 characters in body" --> Word Count (265)
UserId="58629" Comment="added 82 characters in body" --> Word Count (149)
UserId="45264" --> Word Count (165)
UserId="58629" Comment="deleted 4 characters in body" --> Word Count (149)
UserId="58629" Comment="deleted 4 characters in body" --> Word Count (167)
UserId="58671" --> Word Count (46)
UserId="52257" Comment="Fixed the quote..." --> Word Count (172)
UserId="26019" Comment="edited body" --> Word Count (54)
UserId="29575" Comment="edited body" --> Word Count (55)
UserId="58674" --> Word Count (135)
UserId="58674" --> Word Count (13)
UserId="58674" --> Word Count (1)
UserId="21232" --> Word Count (146)
UserId="24968" Comment="Fixed link" --> Word Count (34)
UserId="47906" --> Word Count (191)
UserId="47906" --> Word Count (10)

```


UserId="47906" --> Word Count (1)
 UserId="51812" Comment="added 420 characters in body" --> Word Count (193)
 UserId="58684" --> Word Count (49)
 UserId="58684" --> Word Count (7)
 UserId="58684" --> Word Count (1)
 UserId="43077" --> Word Count (305)
 UserId="43077" --> Word Count (7)
 UserId="43077" --> Word Count (1)
 UserId="58679" --> Word Count (68)
 UserId="58679" --> Word Count (4)
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 UserId="29587" --> Word Count (164)
 UserId="29587" --> Word Count (322)
 UserId="-1" Comment="105" --> Word Count (2)
 UserId="35644" Comment="deleted 16 characters in body; edited body" --> Word Count (190)
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 UserId="58687" --> Word Count (2)
 UserId="58687" --> Word Count (1)
 UserId="58687" Comment="added 43 characters in body" --> Word Count (35)
 UserId="29587" --> Word Count (288)
 UserId="35847" --> Word Count (66)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (60)
 UserId="58692" --> Word Count (40)
 UserId="26394" Comment="unknown hashtag" --> Word Count (39)
 UserId="51481" Comment="added 41 characters in body" --> Word Count (128)
 UserId="45264" Comment="Corrected typo and added one point. " --> Word Count (132)
 UserId="58155" --> Word Count (214)
 UserId="47906" Comment="edited tags" --> Word Count (1)
 UserId="43077" Comment="edited body" --> Word Count (304)
 UserId="58699" --> Word Count (110)
 UserId="58699" --> Word Count (8)
 UserId="58699" --> Word Count (1)
 UserId="57130" --> Word Count (310)
 UserId="57130" Comment="deleted 123 characters in body" --> Word Count (298)
 UserId="58653" --> Word Count (62)
 UserId="58700" --> Word Count (101)
 UserId="58700" --> Word Count (19)
 UserId="58700" --> Word Count (1)
 UserId="57130" Comment="added 50 characters in body" --> Word Count (309)
 UserId="26019" Comment="edited body" --> Word Count (82)
 UserId="26019" Comment="edited body" --> Word Count (103)
 UserId="46143" --> Word Count (63)
 UserId="46143" --> Word Count (8)
 UserId="46143" --> Word Count (1)
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UserId="46740" --> Word Count (1)
UserId="57130" Comment="deleted 10 characters in body" --> Word Count (308)
UserId="34269" --> Word Count (176)
UserId="58700" Comment="Rollback to [d73700c8-43d2-447c-9c60-0007150126be] -
Edit approval overridden by post owner or moderator" --> Word Count (101)
UserId="50039" Comment="Add that features are not expected to be mutually
exclusive." --> Word Count (337)
UserId="50039" Comment="Add that features are not expected to be mutually
exclusive." --> Word Count (365)
UserId="27613" Comment="added 33 characters in body" --> Word Count (49)
UserId="58384" --> Word Count (85)
UserId="58384" --> Word Count (3)
UserId="58384" --> Word Count (1)
UserId="52300" --> Word Count (216)
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UserId="54799" --> Word Count (1)
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UserId="57731" --> Word Count (7)
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UserId="54648" --> Word Count (40)
UserId="51129" --> Word Count (829)
UserId="51129" --> Word Count (7)
UserId="51129" --> Word Count (1)
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UserId="56858" --> Word Count (6)
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UserId="836" Comment="added 325 characters in body" --> Word Count (288)
UserId="14006" --> Word Count (110)
UserId="57368" --> Word Count (167)
UserId="57368" --> Word Count (11)
UserId="57368" --> Word Count (1)
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UserId="56246" --> Word Count (505)
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UserId="56246" --> Word Count (1)
UserId="14006" --> Word Count (81)
UserId="57015" --> Word Count (591)
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UserId="57015" --> Word Count (1)

UserId="14006" --> Word Count (103)
 <DELETE> --> Word Count (866)
 <DELETE> --> Word Count (11)
 <DELETE> --> Word Count (1)
 UserId="26019" --> Word Count (148)
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 UserId="58725" --> Word Count (6)
 UserId="58725" --> Word Count (1)
 UserId="37363" Comment="deleted 2 characters in body" --> Word Count (388)
 UserId="58732" --> Word Count (180)
 UserId="58732" --> Word Count (8)
 UserId="58732" --> Word Count (1)
 UserId="38339" --> Word Count (57)
 UserId="38339" --> Word Count (87)
 UserId="58685" --> Word Count (40)
 UserId="58685" --> Word Count (8)
 UserId="58685" --> Word Count (1)
 UserId="45264" --> Word Count (295)
 UserId="58741" --> Word Count (186)
 UserId="58741" --> Word Count (5)
 UserId="58741" --> Word Count (1)
 UserId="58743" --> Word Count (139)
 UserId="58743" --> Word Count (13)
 UserId="58743" --> Word Count (1)
 UserId="58743" Comment="added 71 characters in body" --> Word Count (141)
 UserId="29587" --> Word Count (623)
 UserId="29587" --> Word Count (2879)
 UserId="24968" Comment="Fixed broken link" --> Word Count (134)
 UserId="29575" Comment="Fixed broken link" --> Word Count (136)
 UserId="24968" Comment="Fixed broken PDF link" --> Word Count (40)
 UserId="29575" Comment="Fixed broken PDF link" --> Word Count (40)
 UserId="58295" --> Word Count (110)
 UserId="58295" --> Word Count (7)
 UserId="58295" --> Word Count (1)
 UserId="58747" --> Word Count (362)
 UserId="58747" --> Word Count (6)
 UserId="58747" --> Word Count (1)
 UserId="58748" --> Word Count (174)
 UserId="58748" --> Word Count (4)
 UserId="58748" --> Word Count (1)
 UserId="26019" Comment="edited body" --> Word Count (138)
 UserId="50710" --> Word Count (293)
 UserId="50710" --> Word Count (18)
 UserId="50710" --> Word Count (1)
 UserId="50710" Comment="edited title" --> Word Count (23)
 UserId="57588" --> Word Count (320)
 UserId="58750" --> Word Count (379)

UserId="58750" --> Word Count (9)
 UserId="58750" --> Word Count (1)
 UserId="26019" Comment="edited body" --> Word Count (298)
 UserId="50710" Comment="added 18 characters in body" --> Word Count (302)
 UserId="58753" --> Word Count (29)
 UserId="58753" --> Word Count (13)
 UserId="58753" --> Word Count (1)
 UserId="26019" Comment="edited body" --> Word Count (176)
 UserId="56964" --> Word Count (124)
 UserId="56964" --> Word Count (9)
 UserId="56964" --> Word Count (1)
 UserId="53760" --> Word Count (139)
 UserId="53760" Comment="added 840 characters in body" --> Word Count (306)
 UserId="58743" Comment="The desired output is not obtained by using the suggested code changes." --> Word Count (191)
 UserId="58743" Comment="The desired output is not obtained by using the suggested code changes." --> Word Count (14)
 UserId="58743" Comment="added 121 characters in body" --> Word Count (199)
 UserId="21" --> Word Count (226)
 UserId="58753" Comment="added 1042 characters in body" --> Word Count (122)
 UserId="58753" Comment="added 1042 characters in body" --> Word Count (140)
 UserId="54855" Comment="improvement over the answer" --> Word Count (84)
 UserId="29575" Comment="improvement over the answer" --> Word Count (84)
 UserId="58400" --> Word Count (42)
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 UserId="57596" --> Word Count (92)
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 UserId="57493" --> Word Count (33)
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 UserId="14006" --> Word Count (36)
 UserId="58736" --> Word Count (74)
 UserId="58736" --> Word Count (11)
 UserId="58736" --> Word Count (1)
 UserId="14006" --> Word Count (168)
 UserId="14006" --> Word Count (112)
 UserId="58748" Comment="added 35 characters in body" --> Word Count (182)
 UserId="9011" --> Word Count (110)
 UserId="9011" --> Word Count (12)
 UserId="9011" --> Word Count (1)
 UserId="58334" Comment="added 21 characters in body" --> Word Count (362)
 UserId="58617" --> Word Count (227)
 UserId="58617" --> Word Count (111)

UserId="58617" --> Word Count (59)
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 UserId="57454" --> Word Count (6)
 UserId="57454" --> Word Count (1)
 UserId="58736" --> Word Count (102)
 UserId="58736" --> Word Count (12)
 UserId="58736" --> Word Count (1)
 UserId="38339" --> Word Count (160)
 UserId="38339" --> Word Count (6)
 UserId="38339" --> Word Count (1)
 UserId="58785" --> Word Count (319)
 UserId="58785" --> Word Count (9)
 UserId="58785" --> Word Count (1)
 UserId="9011" --> Word Count (167)
 UserId="9011" --> Word Count (10)
 UserId="9011" --> Word Count (1)
 UserId="43954" --> Word Count (48)
 UserId="56922" --> Word Count (820)
 UserId="56922" --> Word Count (12)
 UserId="56922" --> Word Count (1)
 UserId="56703" --> Word Count (162)
 UserId="56703" --> Word Count (8)
 UserId="56703" --> Word Count (1)
 UserId="28175" --> Word Count (38)
 UserId="28175" Comment="added 4 characters in body; edited tags" --> Word Count (319)
 UserId="28175" Comment="added 4 characters in body; edited tags" --> Word Count (1)
 UserId="57691" --> Word Count (117)
 UserId="57691" --> Word Count (12)
 UserId="57691" --> Word Count (1)
 UserId="28175" --> Word Count (78)
 UserId="28175" Comment="added 8 characters in body; edited tags" --> Word Count (168)
 UserId="28175" Comment="added 8 characters in body; edited tags" --> Word Count (1)
 UserId="58736" Comment="Here is the code that I wrote to implement `OneVsRest Classifier`" --> Word Count (134)
 UserId="28175" --> Word Count (149)
 UserId="28175" Comment="deleted 3 characters in body; edited tags" --> Word Count (116)
 UserId="28175" Comment="deleted 3 characters in body; edited tags" --> Word Count (1)
 UserId="28175" Comment="added 85 characters in body" --> Word Count (156)
 UserId="47832" --> Word Count (90)
 UserId="56922" Comment="adding some other parts of the code" --> Word Count (1010)
 UserId="28175" --> Word Count (70)

UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (1010)
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 better to distinguish clearly" --> Word Count (13)
 UserId="29575" Comment="The generalized FNN is not the same as classical FNN;
 better to distinguish clearly" --> Word Count (117)
 UserId="14006" --> Word Count (45)
 UserId="21" --> Word Count (278)
 UserId="58785" Comment="added 208 characters in body" --> Word Count (336)
 UserId="58802" --> Word Count (52)
 UserId="58802" --> Word Count (5)
 UserId="58802" --> Word Count (1)
 UserId="58607" --> Word Count (77)
 UserId="58607" --> Word Count (15)
 UserId="58607" --> Word Count (1)
 UserId="58006" --> Word Count (99)
 UserId="58006" --> Word Count (10)
 UserId="58006" --> Word Count (1)
 UserId="24968" Comment="Fixed link" --> Word Count (33)
 UserId="29575" Comment="Fixed link" --> Word Count (26)
 UserId="28175" Comment="added 137 characters in body" --> Word Count (90)
 UserId="58006" Comment="added 2022 characters in body" --> Word Count (278)
 UserId="58488" --> Word Count (36)
 UserId="58006" Comment="edited body" --> Word Count (278)
 UserId="38339" --> Word Count (141)
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 UserId="24968" Comment="Fix dated link" --> Word Count (121)
 UserId="34269" --> Word Count (96)
 UserId="14006" --> Word Count (42)
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 UserId="57764" --> Word Count (5)
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 UserId="56947" --> Word Count (41)
 UserId="56947" --> Word Count (8)

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 UserId="56947" Comment="edited tags" --> Word Count (1)
 UserId="14006" Comment="including screenshot of accuracy after fixing" --> Word Count (59)
 UserId="58488" Comment="corrected spelling, fixed grammar" --> Word Count (55)
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 UserId="58814" --> Word Count (1)
 UserId="58814" Comment="Fix error" --> Word Count (106)
 UserId="38892" Comment="latexify the question" --> Word Count (107)
 UserId="29575" Comment="latexify the question" --> Word Count (107)
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 UserId="28175" --> Word Count (491)
 UserId="28175" Comment="added 6 characters in body; edited tags; edited title" --> Word Count (236)
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 UserId="58048" Comment="deleted 5 characters in body" --> Word Count (112)
 UserId="17613" --> Word Count (156)
 UserId="836" Comment="edited title" --> Word Count (17)
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 UserId="47166" --> Word Count (9)
 UserId="47166" --> Word Count (1)
 UserId="17613" --> Word Count (111)
 UserId="47832" --> Word Count (141)
 UserId="34269" Comment="added more content" --> Word Count (309)
 UserId="47832" Comment="added 624 characters in body" --> Word Count (236)
 UserId="47832" --> Word Count (114)
 UserId="28175" --> Word Count (105)
 UserId="28175" Comment="deleted 1 character in body; edited tags" --> Word Count (76)

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 UserId="45264" --> Word Count (68)
 UserId="47832" Comment="added tags and improved spelling" --> Word Count (26)
 UserId="47832" Comment="added tags and improved spelling" --> Word Count (13)
 UserId="47832" Comment="added tags and improved spelling" --> Word Count (1)
 UserId="29575" Comment="added tags and improved spelling" --> Word Count (26)
 UserId="45264" Comment="Added worked example" --> Word Count (708)
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 UserId="58824" --> Word Count (11)
 UserId="58824" --> Word Count (1)
 UserId="58824" --> Word Count (41)
 UserId="45264" --> Word Count (177)
 UserId="58685" --> Word Count (46)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (56)
 UserId="58826" --> Word Count (326)
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 UserId="58826" --> Word Count (1)
 UserId="1330" --> Word Count (97)
 UserId="58827" --> Word Count (6)
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 UserId="13736" --> Word Count (1)
 UserId="13736" Comment="added 135 characters in body" --> Word Count (214)
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 UserId="58831" --> Word Count (36)
 UserId="43077" Comment="added name of the video, in case the link is broken in the future" --> Word Count (118)
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 UserId="45264" --> Word Count (101)
 UserId="45264" Comment="added 664 characters in body" --> Word Count (183)
 UserId="58685" --> Word Count (129)
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 UserId="58849" --> Word Count (26)
 UserId="58849" --> Word Count (3)
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 UserId="46143" --> Word Count (21)
 UserId="45264" --> Word Count (118)
 UserId="58685" Comment="change sentence" --> Word Count (19)
 UserId="26019" --> Word Count (38)
 UserId="58851" --> Word Count (122)
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 UserId="14588" --> Word Count (143)
 UserId="54855" Comment="improper explanation of the problem " --> Word Count (202)
 UserId="58842" Comment="added 3 characters in body" --> Word Count (203)
 UserId="54855" Comment="improper explanation of the problem " --> Word Count (196)
 UserId="58841" Comment="added 1 character in body" --> Word Count (197)
 UserId="58852" --> Word Count (354)
 UserId="58852" --> Word Count (13)
 UserId="58852" --> Word Count (1)
 UserId="58539" --> Word Count (360)
 UserId="58539" --> Word Count (5)
 UserId="58539" --> Word Count (1)

UserId="26019" Comment="edited body" --> Word Count (529)
 UserId="47145" --> Word Count (121)
 UserId="47145" --> Word Count (8)
 UserId="47145" --> Word Count (1)
 UserId="58384" --> Word Count (558)
 UserId="58384" Comment="edited body; edited title" --> Word Count (237)
 UserId="58384" Comment="edited body; edited title" --> Word Count (6)
 UserId="47145" Comment="added exact numbers and corrected spellings" --> Word Count (128)
 UserId="54855" Comment="improper explanation of the problem " --> Word Count (40)
 UserId="29575" Comment="Minor grammar" --> Word Count (39)
 UserId="29575" Comment="Minor formatting" --> Word Count (29)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (81)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (81)
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 UserId="43147" --> Word Count (1)
 UserId="57764" Comment="edited tags" --> Word Count (1)
 UserId="45264" --> Word Count (237)
 UserId="45264" --> Word Count (133)
 UserId="58841" Comment="added 1 character in body" --> Word Count (197)
 UserId="46143" --> Word Count (84)
 UserId="46143" --> Word Count (5)
 UserId="46143" --> Word Count (1)
 UserId="21232" --> Word Count (134)
 UserId="21232" --> Word Count (14)
 UserId="21232" --> Word Count (1)
 UserId="58380" Text="I had used TF-IDF for text similarity but the results were not so good. I tried to implement [google universal encoding (tensorflow hub)][1]. The results were satisfactory but not upto the mark. 

Is there any other alternative approach?

 --> Word Count (16)
 UserId="58380" --> Word Count (3)
 UserId="58380" --> Word Count (1)
 UserId="54509" --> Word Count (89)
 UserId="28175" --> Word Count (38)
 UserId="28175" Comment="edited tags; added 2 characters in body" --> Word Count (1)
 UserId="28175" Comment="edited tags; added 2 characters in body" --> Word Count (79)
 UserId="58843" --> Word Count (26)
 UserId="58843" --> Word Count (10)
 UserId="58843" --> Word Count (1)
 UserId="50795" Comment="added 1246 characters in body" --> Word Count (275)
 UserId="57764" Comment="edited title" --> Word Count (5)
 UserId="54509" --> Word Count (44)
 UserId="58874" --> Word Count (21)

UserId="49217" --> Word Count (75)
 UserId="54855" Comment="improper explanation of the problem " --> Word Count (120)
 UserId="14006" --> Word Count (85)
 UserId="58433" --> Word Count (76)
 UserId="58433" --> Word Count (11)
 UserId="58433" --> Word Count (1)
 UserId="58433" Comment="added 6 characters in body" --> Word Count (82)
 UserId="9257" --> Word Count (169)
 UserId="51007" --> Word Count (249)
 UserId="51007" --> Word Count (6)
 UserId="51007" --> Word Count (1)
 UserId="23240" --> Word Count (540)
 UserId="836" Comment="added 33 characters in body; edited title" --> Word Count (93)
 UserId="836" Comment="added 33 characters in body; edited title" --> Word Count (9)
 UserId="23240" --> Word Count (87)
 UserId="45264" Comment="Added further information around POS in sentiment analysis." --> Word Count (551)
 UserId="836" --> Word Count (422)
 UserId="23305" --> Word Count (120)
 UserId="23305" Comment="deleted 41 characters in body" --> Word Count (87)
 UserId="58679" Comment="added 757 characters in body" --> Word Count (198)
 UserId="58887" --> Word Count (522)
 UserId="58887" --> Word Count (8)
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 UserId="58889" --> Word Count (52)
 UserId="58889" --> Word Count (16)
 UserId="58889" --> Word Count (1)
 UserId="2454" --> Word Count (106)
 UserId="2454" --> Word Count (5)
 UserId="2454" --> Word Count (1)
 UserId="58890" --> Word Count (178)
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 UserId="45264" --> Word Count (459)
 UserId="58894" --> Word Count (83)
 UserId="58894" --> Word Count (6)
 UserId="58894" --> Word Count (1)
 UserId="45264" --> Word Count (675)
 UserId="45264" Comment="formatting and added a tag" --> Word Count (102)
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 UserId="45264" Comment="added 44 characters in body" --> Word Count (463)
 UserId="35644" --> Word Count (142)
 UserId="35644" Comment="added 171 characters in body; added 3 characters in body; added 24 characters in body; added 52 characters in body; edited body" --> Word Count (182)

UserId="58901" --> Word Count (175)
 UserId="58901" --> Word Count (5)
 UserId="58901" --> Word Count (1)
 UserId="58905" --> Word Count (121)
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 UserId="44456" --> Word Count (153)
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 UserId="44456" --> Word Count (1)
 UserId="58449" --> Word Count (109)
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 UserId="58449" --> Word Count (1)
 UserId="58449" Comment="edited tags" --> Word Count (1)
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 UserId="58653" --> Word Count (14)
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 UserId="58653" --> Word Count (88)
 UserId="58653" Comment="added 185 characters in body" --> Word Count (94)
 UserId="43077" Comment="added 580 characters in body" --> Word Count (333)
 UserId="43077" Comment="edited body" --> Word Count (333)
 UserId="53479" --> Word Count (85)
 UserId="44456" --> Word Count (178)
 UserId="53479" Comment="Expanded answer with interpretation of the values in the question." --> Word Count (143)
 UserId="2454" Comment="deleted 4 characters in body" --> Word Count (106)
 UserId="53372" --> Word Count (92)
 UserId="53372" --> Word Count (5)
 UserId="53372" --> Word Count (1)
 UserId="58842" --> Word Count (99)
 UserId="58842" --> Word Count (7)
 UserId="58842" --> Word Count (1)
 UserId="44456" Comment="added 31 characters in body" --> Word Count (184)
 UserId="38892" Comment="latexify the question" --> Word Count (346)
 UserId="53479" Comment="Added a linking sentence for clarity" --> Word Count (152)
 UserId="57662" --> Word Count (200)
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 UserId="52755" --> Word Count (1)
 UserId="58380" Comment="Updated the text size; Described what I mean by saying
 "not upto the mark";. " --> Word Count (91)
 UserId="39338" Comment="Grammar and formatting" --> Word Count (170)
 UserId="29575" Comment="Grammar and formatting" --> Word Count (210)
 UserId="58380" --> Word Count (82)
 UserId="58380" --> Word Count (6)
 UserId="58380" --> Word Count (1)
 UserId="44083" Comment="improved formatting " --> Word Count (548)
 UserId="58920" --> Word Count (128)
 UserId="51687" --> Word Count (28)
 UserId="51687" --> Word Count (12)
 UserId="51687" --> Word Count (1)
 UserId="58920" Comment="added 187 characters in body" --> Word Count (166)
 UserId="32440" Comment="Typesetting." --> Word Count (53)
 UserId="29575" Comment="Typesetting." --> Word Count (57)
 UserId="58920" Comment="deleted 5 characters in body" --> Word Count (165)
 UserId="58923" --> Word Count (108)
 UserId="45264" --> Word Count (144)
 UserId="32440" Comment="Better title. Added scikit-learn tag." --> Word Count
 (200)
 UserId="32440" Comment="Better title. Added scikit-learn tag." --> Word Count
 (6)
 UserId="32440" Comment="Better title. Added scikit-learn tag." --> Word Count
 (1)
 UserId="29575" Comment="Better title. Added scikit-learn tag." --> Word Count
 (200)
 UserId="26019" Comment="edited body" --> Word Count (113)
 UserId="29575" Comment="edited body" --> Word Count (111)
 UserId="58842" Comment="added 708 characters in body" --> Word Count (327)
 UserId="58449" Comment="added 159 characters in body" --> Word Count (133)
 UserId="58617" Comment="added 7 characters in body" --> Word Count (111)
 UserId="58930" --> Word Count (87)
 UserId="14006" --> Word Count (73)
 UserId="51605" --> Word Count (458)
 UserId="51605" --> Word Count (20)
 UserId="51605" --> Word Count (1)
 UserId="32429" --> Word Count (131)
 UserId="32429" --> Word Count (7)
 UserId="32429" --> Word Count (1)
 UserId="32429" Comment="fixed grammar" --> Word Count (11)
 UserId="13370" --> Word Count (55)
 UserId="13370" Comment="added 119 characters in body" --> Word Count (75)
 UserId="50727" --> Word Count (220)
 UserId="50727" --> Word Count (7)

UserId="50727" --> Word Count (1)
 UserId="44215" --> Word Count (67)
 UserId="836" Comment="added 600 characters in body" --> Word Count (529)
 UserId="14006" --> Word Count (40)
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 UserId="58679" Comment="deleted 749 characters in body" --> Word Count (68)
 UserId="58679" --> Word Count (142)
 UserId="58679" Comment="added 191 characters in body" --> Word Count (171)
 UserId="58947" --> Word Count (24)
 UserId="58947" --> Word Count (7)
 UserId="58947" --> Word Count (1)
 UserId="38047" --> Word Count (23)
 UserId="38047" --> Word Count (12)
 UserId="38047" --> Word Count (1)
 UserId="58944" Comment="Fixed language and formatting." --> Word Count (35)
 UserId="58949" --> Word Count (107)
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 UserId="58949" --> Word Count (1)
 UserId="58951" --> Word Count (145)
 UserId="58951" --> Word Count (4)
 UserId="58951" --> Word Count (1)
 UserId="58433" --> Word Count (60)
 UserId="58433" --> Word Count (12)
 UserId="58433" --> Word Count (1)
 UserId="45264" --> Word Count (619)
 UserId="53372" Comment="typi" --> Word Count (91)
 UserId="29587" --> Word Count (168)
 UserId="34269" --> Word Count (173)
 UserId="42926" --> Word Count (491)
 UserId="30910" --> Word Count (37)
 UserId="-1" Comment="102" --> Word Count (4)
 UserId="30910" --> Word Count (16)
 UserId="28175" --> Word Count (133)
 UserId="28175" Comment="added 9 characters in body; edited tags" --> Word Count (25)
 UserId="28175" Comment="added 9 characters in body; edited tags" --> Word Count (1)
 UserId="-1" Comment="105" --> Word Count (5)
 UserId="58969" Text="df.rdd.saveAs" --> Word Count (5)
 UserId="58433" Comment="added 85 characters in body" --> Word Count (66)
 UserId="58433" Comment="added 85 characters in body" --> Word Count (14)
 UserId="58970" --> Word Count (69)
 UserId="58970" --> Word Count (5)
 UserId="58970" --> Word Count (1)
 UserId="51605" --> Word Count (476)
 UserId="51605" --> Word Count (14)
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 UserId="58974" --> Word Count (28)

UserId="45374" --> Word Count (44)
 UserId="58977" --> Word Count (96)
 UserId="58977" --> Word Count (5)
 UserId="58977" --> Word Count (1)
 UserId="50668" --> Word Count (39)
 UserId="50668" --> Word Count (8)
 UserId="50668" --> Word Count (1)
 UserId="58973" --> Word Count (59)
 UserId="58973" --> Word Count (8)
 UserId="58973" --> Word Count (1)
 UserId="52257" --> Word Count (100)
 UserId="43077" Comment="removed question 1 because it was trivial (answer was just as I thought)" --> Word Count (270)
 UserId="45374" --> Word Count (21)
 UserId="45374" Comment="added 86 characters in body" --> Word Count (32)
 UserId="51129" --> Word Count (32)
 UserId="51129" --> Word Count (10)
 UserId="51129" --> Word Count (1)
 UserId="26019" Comment="edited body" --> Word Count (100)
 UserId="57380" --> Word Count (46)
 UserId="58977" Comment="added 1098 characters in body" --> Word Count (363)
 UserId="1426" --> Word Count (123)
 UserId="1426" --> Word Count (5)
 UserId="1426" --> Word Count (1)
 UserId="58989" --> Word Count (174)
 UserId="58989" --> Word Count (10)
 UserId="58989" --> Word Count (1)
 UserId="58990" --> Word Count (155)
 UserId="51129" Comment="added 170 characters in body; edited title" --> Word Count (60)
 UserId="51129" Comment="added 170 characters in body; edited title" --> Word Count (14)
 UserId="17208" --> Word Count (51)
 UserId="32429" Comment="added 164 characters in body" --> Word Count (149)
 UserId="23305" Comment="added 2 characters in body" Text="\`df.rdd.saveAs --> Word Count (5)
 UserId="57731" --> Word Count (32)
 UserId="57731" --> Word Count (8)
 UserId="57731" --> Word Count (1)
 UserId="26019" Comment="edited body" --> Word Count (33)
 UserId="29575" Comment="edited body" --> Word Count (32)
 UserId="53940" Comment="fixed code format" --> Word Count (293)
 UserId="29575" Comment="Add tag" --> Word Count (290)
 UserId="29575" Comment="Add tag" --> Word Count (1)
 UserId="58995" --> Word Count (61)
 UserId="58995" --> Word Count (5)
 UserId="58995" --> Word Count (1)
 UserId="32440" --> Word Count (16)

UserId="58996" --> Word Count (54)
 UserId="58996" --> Word Count (9)
 UserId="58996" --> Word Count (1)
 UserId="836" Comment="added 57 characters in body" --> Word Count (380)
 UserId="57764" Text="I'm trying to get list of n-gram tokens for text
 

Ex: 'How to use build_analyzer in sklearn feature extraction
 '

output :['How', 'use', 'build_analyzer', 'sklearn',
 'feature', 'extraction', 'How use', 'use build_analyzer', 'build_analyzer
 sklearn', 'sklearn feature', 'feature extraction']

 from
 sklearn.feature_extraction.text import TfidfVectorizer,
 CountVectorizer

 vectorizer = TfidfVectorizer(stop_words =
 'english',ngram_range=(1, 2), token_pattern=r'\b\w+\b',
 min_df=1)

 df[' --> Word Count (13)
 UserId="57764" --> Word Count (8)
 UserId="57764" --> Word Count (1)
 UserId="57429" --> Word Count (61)
 UserId="23305" Text="`build_analyzer()` is a *callable* that let's you extract
 the tokenizing step from the transformation pipeline wrapped in the
 `CountVectorizer` or `TfidfVectorizer`. You can do something like
 this:

 analyze = vectorizer.build_analyzer()

 df['Text'].apply(lambda x: analyze(x)) #or df[' --> Word Count (1)
 UserId="23305" Comment="comment on parametric RelU introducing another
 parameter" --> Word Count (198)
 UserId="14006" --> Word Count (10)
 UserId="57214" --> Word Count (189)
 UserId="57214" --> Word Count (7)
 UserId="57214" --> Word Count (1)
 UserId="58433" Comment="added 450 characters in body" --> Word Count (140)
 UserId="54277" --> Word Count (184)
 UserId="54277" --> Word Count (7)
 UserId="54277" --> Word Count (1)
 UserId="57214" --> Word Count (153)
 UserId="57214" --> Word Count (4)
 UserId="57214" --> Word Count (1)
 UserId="57214" Comment="deleted 2 characters in body" --> Word Count (181)
 UserId="57214" Comment="added 42 characters in body" --> Word Count (222)
 UserId="57214" Comment="added 56 characters in body" --> Word Count (257)
 UserId="32440" --> Word Count (67)
 UserId="32440" Comment="edited body" --> Word Count (66)
 UserId="58433" Comment="edited title" --> Word Count (15)
 UserId="51812" --> Word Count (70)
 UserId="53213" --> Word Count (563)
 UserId="53213" --> Word Count (8)
 UserId="53213" --> Word Count (1)
 UserId="51129" --> Word Count (19)
 UserId="51129" --> Word Count (11)
 UserId="51129" --> Word Count (1)
 UserId="34269" --> Word Count (156)


```

UserId="23305" Comment="clarify semantics" Text="\`build_analyzer()\` **returns**
a callable that let's you extract the tokenizing step from the transformation
pipeline wrapped in the `CountVectorizer` or `TfidfVectorizer`. You can do
something like this:&#xD;&#xA;&#xD;&#xA; analyze =
vectorizer.build_analyzer()&#xD;&#xA; df['Text'].apply(lambda x: analyze(x))
#or df[' --> Word Count (1)
UserId="59014" --> Word Count (292)
UserId="59014" --> Word Count (8)
UserId="59014" --> Word Count (1)
UserId="59015" --> Word Count (130)
UserId="59015" --> Word Count (9)
UserId="59015" --> Word Count (1)
UserId="59015" Comment="added 8 characters in body" --> Word Count (131)
UserId="14006" --> Word Count (241)
UserId="51129" Comment="added 15 characters in body" --> Word Count (21)
UserId="58433" Comment="edited title" --> Word Count (16)
UserId="26019" Comment="edited body" --> Word Count (293)
UserId="29575" Comment="edited body" --> Word Count (292)
UserId="14006" --> Word Count (362)
UserId="59016" --> Word Count (189)
UserId="59016" --> Word Count (9)
UserId="59016" --> Word Count (1)
UserId="58977" Comment="added 94 characters in body" --> Word Count (380)
UserId="59018" --> Word Count (259)
UserId="59018" --> Word Count (17)
UserId="59018" --> Word Count (1)
UserId="14006" Comment="code formatting" --> Word Count (259)
UserId="29575" Comment="code formatting" --> Word Count (373)
<DELETE> --> Word Count (55)
<DELETE> --> Word Count (11)
<DELETE> --> Word Count (1)
<DELETE> --> Word Count (35)
UserId="26019" Comment="edited body" --> Word Count (122)
<DELETE> --> Word Count (11)
UserId="59013" --> Word Count (73)
UserId="59013" --> Word Count (14)
UserId="59013" --> Word Count (1)
UserId="18790" --> Word Count (203)
UserId="18790" --> Word Count (5)
UserId="18790" --> Word Count (1)
UserId="58433" --> Word Count (48)
UserId="58433" --> Word Count (12)
UserId="58433" --> Word Count (1)
UserId="59025" --> Word Count (108)
UserId="59025" --> Word Count (4)
UserId="59025" --> Word Count (1)
UserId="28175" Comment="added 874 characters in body" --> Word Count (272)
UserId="28175" Comment="edited tags" --> Word Count (1)

```

UserId="28175" Comment="added 56 characters in body" --> Word Count (282)
 UserId="53760" --> Word Count (152)
 UserId="59032" --> Word Count (76)
 UserId="59032" --> Word Count (8)
 UserId="59032" --> Word Count (1)
 UserId="57588" --> Word Count (104)
 UserId="59032" Comment="added 135 characters in body" --> Word Count (95)
 UserId="47403" --> Word Count (166)
 UserId="47403" --> Word Count (16)
 UserId="47403" --> Word Count (1)
 UserId="47403" Comment="edited tags" --> Word Count (1)
 UserId="53790" Comment="deleted 2 characters in body" --> Word Count (225)
 UserId="47906" Comment="added 33 characters in body" --> Word Count (197)
 UserId="59049" --> Word Count (106)
 UserId="59049" --> Word Count (7)
 UserId="59049" --> Word Count (1)
 UserId="58589" --> Word Count (71)
 UserId="58589" --> Word Count (8)
 UserId="58589" --> Word Count (1)
 UserId="59044" --> Word Count (36)
 UserId="53760" Comment="added 1276 characters in body" --> Word Count (416)
 UserId="42044" --> Word Count (171)
 UserId="50795" --> Word Count (165)
 UserId="50795" --> Word Count (8)
 UserId="50795" --> Word Count (1)
 UserId="45264" --> Word Count (366)
 UserId="45264" Comment="added 598 characters in body" --> Word Count (455)
 UserId="51125" --> Word Count (65)
 UserId="51125" --> Word Count (4)
 UserId="51125" --> Word Count (1)
 UserId="45264" --> Word Count (72)
 UserId="836" --> Word Count (111)
 UserId="45264" --> Word Count (40)
 UserId="45264" --> Word Count (217)
 UserId="59027" Comment="one typo (buy -> but) and some grammatical" --> Word Count (255)
 UserId="51125" Comment="deleted 1 character in body" --> Word Count (65)
 UserId="59044" Comment="Improvisation of Answer" --> Word Count (42)
 UserId="45264" Comment="Added a few points." --> Word Count (53)
 UserId="28175" --> Word Count (98)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (65)
 UserId="41204" --> Word Count (134)
 UserId="41204" --> Word Count (7)
 UserId="41204" --> Word Count (1)
 UserId="836" --> Word Count (205)
 UserId="45264" Comment="added tags" --> Word Count (1)
 UserId="53790" Comment="improved formatting selecting better question " -->

Word Count (9)

UserId="29575" Comment="improved formatting selecting better question " --> Word Count (142)

UserId="54796" Comment="fix typo in heading" --> Word Count (7)

UserId="-1" Comment="changed the question" --> Word Count (5)

UserId="29575" Comment="changed the question" --> Word Count (203)

UserId="29575" Comment="Remove extra commentary" --> Word Count (106)

UserId="45916" --> Word Count (204)

UserId="45916" --> Word Count (12)

UserId="45916" --> Word Count (1)

UserId="28175" --> Word Count (82)

UserId="28175" Comment="edited tags" --> Word Count (1)

UserId="28175" Comment="edited tags" --> Word Count (828)

UserId="53039" --> Word Count (436)

UserId="53039" --> Word Count (22)

UserId="53039" --> Word Count (1)

UserId="57028" --> Word Count (26)

UserId="57028" --> Word Count (17)

UserId="57028" --> Word Count (1)

UserId="14006" --> Word Count (500)

UserId="34269" Comment="improved formatting" --> Word Count (156)

UserId="14006" --> Word Count (138)

UserId="14006" --> Word Count (163)

UserId="41093" --> Word Count (369)

UserId="41093" --> Word Count (6)

UserId="41093" --> Word Count (1)

UserId="59066" --> Word Count (45)

UserId="59066" --> Word Count (6)

UserId="59066" --> Word Count (1)

UserId="32440" --> Word Count (56)

UserId="59013" --> Word Count (101)

UserId="51125" Comment="edited title" --> Word Count (6)

UserId="51125" Comment="edited title" --> Word Count (65)

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UserId="59073" --> Word Count (9)

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UserId="59074" --> Word Count (130)

UserId="59074" --> Word Count (7)

UserId="59074" --> Word Count (1)

UserId="59074" Comment="deleted 19 characters in body" --> Word Count (127)

UserId="26562" --> Word Count (191)

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UserId="59013" --> Word Count (147)

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 UserId="58761" --> Word Count (1)
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 UserId="29575" Comment="Remove extra commentary" --> Word Count (76)
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 UserId="59083" --> Word Count (53)
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 UserId="8219" --> Word Count (253)
 UserId="-1" Comment="105" --> Word Count (4)
 UserId="59013" Comment="via Vote" --> Word Count (1)
 UserId="59085" --> Word Count (91)
 UserId="59084" --> Word Count (137)
 UserId="59084" --> Word Count (15)
 UserId="59084" --> Word Count (1)
 UserId="59085" --> Word Count (91)
 UserId="59085" --> Word Count (61)
 UserId="59084" Comment="added 44 characters in body" --> Word Count (139)
 UserId="59085" --> Word Count (57)
 UserId="59085" --> Word Count (89)
 UserId="45264" --> Word Count (236)
 UserId="59085" --> Word Count (24)
 UserId="45264" --> Word Count (384)
 UserId="59087" --> Word Count (175)
 UserId="59087" --> Word Count (13)
 UserId="59087" --> Word Count (1)
 UserId="59013" Comment="removed misleading text that made this question seem more general." --> Word Count (128)
 UserId="59013" Comment="removed misleading text that made this question seem more general." --> Word Count (19)
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 <DELETE> --> Word Count (128)
 UserId="59013" --> Word Count (35)
 UserId="13481" --> Word Count (93)
 UserId="13481" --> Word Count (7)
 UserId="13481" --> Word Count (1)
 UserId="53760" --> Word Count (129)
 UserId="53760" Comment="deleted 19 characters in body" --> Word Count (125)
 UserId="41591" --> Word Count (67)
 UserId="41591" --> Word Count (6)

UserId="41591" --> Word Count (1)
 UserId="28175" --> Word Count (78)
 UserId="13481" Comment="added 17 characters in body" --> Word Count (95)
 UserId="59095" --> Word Count (152)
 UserId="59095" --> Word Count (13)
 UserId="59095" --> Word Count (1)
 UserId="28175" Comment="deleted 23 characters in body; edited tags" --> Word Count (63)
 UserId="28175" Comment="deleted 23 characters in body; edited tags" --> Word Count (1)
 UserId="59097" --> Word Count (65)
 UserId="59097" --> Word Count (8)
 UserId="59097" --> Word Count (1)
 UserId="28175" Comment="added 47 characters in body" --> Word Count (82)
 UserId="56215" --> Word Count (53)
 UserId="56215" --> Word Count (7)
 UserId="56215" --> Word Count (1)
 UserId="10640" Comment="A few little fixes" --> Word Count (54)
 UserId="10640" Comment="A few little fixes" --> Word Count (9)
 UserId="10640" Comment="A few little fixes" --> Word Count (1)
 UserId="26019" Comment="edited body" --> Word Count (186)
 UserId="26019" Comment="edited body" --> Word Count (13)
 UserId="29575" Comment="edited body" --> Word Count (183)
 UserId="59013" --> Word Count (25)
 UserId="52250" --> Word Count (190)
 UserId="52250" --> Word Count (4)
 UserId="52250" --> Word Count (1)
 UserId="59013" --> Word Count (115)
 UserId="32697" --> Word Count (254)
 UserId="59110" --> Word Count (318)
 UserId="59110" --> Word Count (14)
 UserId="59110" --> Word Count (1)
 UserId="32440" --> Word Count (88)
 UserId="59110" Comment="Added more data" --> Word Count (355)
 UserId="23305" --> Word Count (39)
 UserId="59110" Comment="Reinserted call to train_test_split (forgot!)" --> Word Count (366)
 UserId="59112" --> Word Count (47)
 UserId="59112" --> Word Count (14)
 UserId="59112" --> Word Count (1)
 UserId="23305" Comment="added 187 characters in body" --> Word Count (56)
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 UserId="41591" Comment="Updated the title" --> Word Count (21)
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 UserId="29575" Comment="Updated the title" --> Word Count (21)

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 UserId="59116" --> Word Count (1)
 UserId="52250" Comment="edited body" --> Word Count (190)
 UserId="49625" --> Word Count (75)
 UserId="59120" --> Word Count (135)
 UserId="59120" --> Word Count (10)
 UserId="59120" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (152)
 UserId="29575" Comment="Minor grammar" --> Word Count (75)
 UserId="-1" Comment="105" --> Word Count (3)
 UserId="45264" Comment="added 76 characters in body" --> Word Count (399)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (196)
 UserId="58837" --> Word Count (84)
 UserId="-1" Comment="105" --> Word Count (2)
 UserId="35644" Comment="added 16 characters in body" --> Word Count (82)
 UserId="38892" Comment="formatting" --> Word Count (135)
 UserId="29575" Comment="formatting" --> Word Count (134)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="59127" --> Word Count (413)
 UserId="59127" --> Word Count (11)
 UserId="59127" --> Word Count (1)
 UserId="924" --> Word Count (37)
 UserId="32402" --> Word Count (85)
 UserId="32402" Comment="added 106 characters in body" --> Word Count (94)
 UserId="59127" Comment="added 826 characters in body" --> Word Count (538)
 UserId="56922" --> Word Count (179)
 UserId="56922" --> Word Count (10)
 UserId="56922" --> Word Count (1)
 UserId="9257" Comment="deleted 1 character in body" --> Word Count (174)
 UserId="14421" --> Word Count (172)
 UserId="14421" --> Word Count (7)
 UserId="14421" --> Word Count (1)
 UserId="59136" --> Word Count (29)
 UserId="14006" --> Word Count (67)
 UserId="57461" --> Word Count (136)
 UserId="57461" --> Word Count (4)
 UserId="57461" --> Word Count (1)
 UserId="58369" --> Word Count (86)
 UserId="58369" --> Word Count (10)
 UserId="58369" --> Word Count (1)
 UserId="14006" --> Word Count (11)
 UserId="58369" Comment="Corrected mistake in decision boundary specification."
 --> Word Count (86)

UserId="57099" --> Word Count (129)
 UserId="57099" --> Word Count (9)
 UserId="57099" --> Word Count (1)
 UserId="57099" Comment="Edited for clarity" --> Word Count (179)
 UserId="57099" Comment="added 9 characters in body" --> Word Count (141)
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 UserId="26019" Comment="edited body" --> Word Count (267)
 UserId="57099" Comment="added 71 characters in body" --> Word Count (173)
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 UserId="59139" --> Word Count (59)
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 UserId="59139" --> Word Count (1)
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 UserId="59143" --> Word Count (1)
 UserId="14006" --> Word Count (28)
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 UserId="-1" Comment="no such thing as improvx about d's" --> Word Count (96)
 UserId="29575" Comment="no such thing as improvx about d's" --> Word Count (98)
 UserId="37793" --> Word Count (143)
 UserId="59149" --> Word Count (45)
 UserId="32440" --> Word Count (32)
 UserId="58034" --> Word Count (409)
 UserId="59151" --> Word Count (356)
 UserId="59151" --> Word Count (13)
 UserId="59151" --> Word Count (1)
 UserId="15527" --> Word Count (10)
 UserId="35644" --> Word Count (212)
 UserId="35644" Comment="removed links" --> Word Count (193)
 UserId="59151" Comment="added 121 characters in body" --> Word Count (365)
 UserId="35644" Comment="edited body" --> Word Count (193)

UserId="35644" Comment="added 68 characters in body; added 20 characters in
 body; added 19 characters in body" --> Word Count (208)
 UserId="43326" --> Word Count (103)
 UserId="43326" --> Word Count (14)
 UserId="43326" --> Word Count (1)
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 Count (41)
 UserId="57731" Comment="added 24 characters in body; edited title" --> Word
 Count (5)
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 UserId="43326" --> Word Count (26)
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 IMHO" --> Word Count (59)
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 IMHO" --> Word Count (7)
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 UserId="54528" --> Word Count (21)
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 UserId="54528" --> Word Count (1)
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 UserId="59171" --> Word Count (1)
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 UserId="57548" --> Word Count (1)
 UserId="59149" --> Word Count (49)
 UserId="59173" --> Word Count (623)
 UserId="59173" --> Word Count (4)
 UserId="59173" --> Word Count (1)
 UserId="-1" Comment="no such thing as importx or not, nonerx" --> Word Count (147)
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 UserId="14006" --> Word Count (59)
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 UserId="59173" --> Word Count (64)
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 UserId="41591" --> Word Count (52)
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 UserId="59193" --> Word Count (81)
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 UserId="59139" --> Word Count (1)
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 UserId="26394" Comment="Code formatting changed" --> Word Count (127)
 UserId="35634" --> Word Count (149)
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 UserId="29575" Comment="edited body" --> Word Count (153)
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 UserId="47166" --> Word Count (120)
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 UserId="52257" --> Word Count (226)
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 UserId="58789" --> Word Count (46)
 UserId="14006" --> Word Count (48)
 UserId="29575" Comment="Minor grammar" --> Word Count (185)
 UserId="54855" Comment="unclear problem addressal" --> Word Count (68)
 UserId="45264" --> Word Count (322)
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 UserId="58369" Comment="Further clarified my question." --> Word Count (51)
 UserId="-1" Comment="102" --> Word Count (3)
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 UserId="31434" --> Word Count (186)
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 UserId="58589" Comment="edited title" --> Word Count (11)
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 UserId="59245" --> Word Count (1)
 UserId="59085" --> Word Count (58)
 UserId="43147" --> Word Count (43)
 UserId="59246" --> Word Count (218)
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 UserId="59246" --> Word Count (1)
 UserId="59248" --> Word Count (85)
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 UserId="54855" Comment="improper explanation of the problem " --> Word Count (300)
 UserId="54855" Comment="improper explanation of the problem " --> Word Count (11)
 UserId="43356" --> Word Count (80)
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 UserId="59249" --> Word Count (1)
 UserId="34269" Comment="fixed typo" --> Word Count (506)
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 UserId="41591" --> Word Count (63)
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 UserId="41591" --> Word Count (1)

UserId="59085" --> Word Count (60)
 UserId="41591" Comment="added 70 characters in body" --> Word Count (76)
 UserId="30462" --> Word Count (150)
 UserId="30462" --> Word Count (16)
 UserId="30462" --> Word Count (1)
 UserId="59085" --> Word Count (66)
 UserId="59252" --> Word Count (106)
 UserId="15527" Comment="Add code for n_rows" --> Word Count (36)
 UserId="59252" Comment="added 165 characters in body" --> Word Count (131)
 UserId="59085" --> Word Count (28)
 UserId="59252" --> Word Count (76)
 UserId="59252" --> Word Count (83)
 UserId="54855" Comment="unclear problem addressal" --> Word Count (36)
 UserId="57731" Comment="deleted 1 character in body" --> Word Count (35)
 UserId="49590" --> Word Count (27)
 UserId="49590" Comment="added 9 characters in body" --> Word Count (29)
 UserId="58789" Text="POS can be used in multiple application in text analytics.
 The majority of the techniques in Text Analytics work on tokenisation and N
 grams(break down of sentence into words). In most of the case, semantics of the
 text is lost as sentences are break down into words and standalone words cannot
 express emotions and semantics as compare to group of words or sentences. So by
 tagging each word in the corpus to its parts of speech makes sometimes easy to
 get the context in which the word is used and ultimately used in analyzing the
 sentiments.

I tried --> Word Count (23)
 UserId="58789" --> Word Count (123)
 UserId="49590" --> Word Count (110)
 UserId="59271" --> Word Count (170)
 UserId="59271" Comment="Added suggestions" --> Word Count (192)
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 UserId="59275" --> Word Count (1)
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 UserId="59271" --> Word Count (1)
 UserId="49700" --> Word Count (241)
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 UserId="59271" Comment="clarify" --> Word Count (6)
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 UserId="51129" --> Word Count (18)

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UserId="46265" Comment="added 69 characters in body" --> Word Count (139)
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UserId="51129" Comment="added 4 characters in body; edited title" --> Word Count (16)
UserId="836" --> Word Count (501)
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UserId="51129" Comment="added 2 characters in body; edited title" --> Word Count (3)
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UserId="46265" Comment="deleted 1 character in body" --> Word Count (157)
UserId="836" Comment="added 104 characters in body" --> Word Count (549)
UserId="20866" --> Word Count (317)
UserId="21" Comment="104" --> Word Count (2)
UserId="29882" --> Word Count (134)
UserId="29882" --> Word Count (4)
UserId="29882" --> Word Count (1)
UserId="46265" Comment="added 1260 characters in body" --> Word Count (438)
UserId="59284" --> Word Count (175)
UserId="59284" --> Word Count (6)
UserId="59284" --> Word Count (1)
UserId="59279" --> Word Count (96)
UserId="59097" --> Word Count (150)
UserId="45264" --> Word Count (231)
UserId="59279" --> Word Count (39)
UserId="45264" --> Word Count (188)
UserId="59252" Comment="deleted 4 characters in body" --> Word Count (75)
UserId="23305" Comment="added 62 characters in body; edited tags" --> Word Count (165)
UserId="23305" Comment="added 62 characters in body; edited tags" --> Word Count (1)
UserId="54439" --> Word Count (229)
UserId="59087" Comment="edited body" --> Word Count (183)
UserId="-1" Comment="102" --> Word Count (4)
UserId="59252" Comment="added 239 characters in body" --> Word Count (160)
UserId="10436" Comment="english language" --> Word Count (35)
UserId="29575" Comment="english language" --> Word Count (35)
UserId="35644" Comment="added 12 characters in body" --> Word Count (227)
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UserId="32243" --> Word Count (1)

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 UserId="59305" --> Word Count (1)
 UserId="14636" Comment="deleted 39 characters in body" --> Word Count (193)
 UserId="33338" --> Word Count (59)
 UserId="33338" --> Word Count (14)
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 UserId="59316" --> Word Count (10)
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 UserId="34269" Comment="improved formatting" --> Word Count (340)
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 UserId="59035" --> Word Count (1)
 UserId="42953" Comment="clarified question" --> Word Count (235)
 UserId="14006" --> Word Count (173)
 UserId="59337" --> Word Count (154)
 UserId="59337" --> Word Count (7)
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 UserId="35644" --> Word Count (128)
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 UserId="35644" --> Word Count (1)
 UserId="35644" Comment="edited title" --> Word Count (9)
 UserId="13023" --> Word Count (147)
 UserId="13023" Comment="added more info" --> Word Count (170)
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 UserId="59343" --> Word Count (125)
 UserId="23305" --> Word Count (150)
 UserId="23305" Comment="deleted 29 characters in body; edited title" --> Word Count (115)
 UserId="23305" Comment="deleted 29 characters in body; edited title" --> Word Count (9)

UserId="23305" Comment="added 388 characters in body" --> Word Count (216)
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 UserId="18790" --> Word Count (16)
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 UserId="59310" Comment="edited title" --> Word Count (20)
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 UserId="1151" --> Word Count (1)
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 UserId="14006" Comment="edit equation" --> Word Count (235)
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 UserId="836" --> Word Count (380)
 UserId="49590" Comment="added 481 characters in body" --> Word Count (103)
 UserId="49590" Comment="added 481 characters in body" --> Word Count (110)
 UserId="49590" Comment="added 481 characters in body" --> Word Count (154)
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 UserId="58789" --> Word Count (11)
 UserId="58789" --> Word Count (1)
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 UserId="59374" --> Word Count (115)
 UserId="59374" --> Word Count (3)
 UserId="59374" --> Word Count (1)
 UserId="45610" --> Word Count (147)
 UserId="45610" --> Word Count (7)
 UserId="45610" --> Word Count (1)

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 UserId="56985" Comment="edited title" --> Word Count (13)
 UserId="51129" Comment="I added Tensorflow tag because it is an active tage.. "
 --> Word Count (1)
 UserId="29575" Comment="I added Tensorflow tag because it is an active tage.. "
 --> Word Count (80)
 UserId="54855" Comment="unclear problem addressal" --> Word Count (76)
 UserId="59373" --> Word Count (94)
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 UserId="20548" --> Word Count (110)
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 UserId="34256" --> Word Count (1)

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 UserId="32440" --> Word Count (170)
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 UserId="29575" Comment="edited body" --> Word Count (64)
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 UserId="59299" --> Word Count (6)
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 UserId="32963" --> Word Count (6)
 UserId="32963" --> Word Count (1)
 UserId="26019" Comment="edited body" --> Word Count (116)
 UserId="20548" Comment="added 274 characters in body" --> Word Count (166)
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 UserId="59343" Comment="typo" --> Word Count (125)
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 UserId="50406" --> Word Count (10)
 UserId="50406" --> Word Count (1)
 UserId="59171" Comment="formatted code" --> Word Count (851)
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 UserId="59171" Comment="added 1 character in body" --> Word Count (103)
 UserId="50406" Comment="added 102 characters in body" --> Word Count (868)
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 UserId="50406" --> Word Count (118)
 UserId="59171" Comment="added 314 characters in body" --> Word Count (119)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (113)

UserId="10709" Comment="added 30 characters in body" --> Word Count (125)
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UserId="18626" --> Word Count (385)
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UserId="53283" --> Word Count (17)
UserId="53283" --> Word Count (1)
UserId="59310" --> Word Count (352)
UserId="59310" Comment="added 1 character in body" --> Word Count (352)
UserId="59310" Comment="added 1 character in body" --> Word Count (380)
UserId="59422" --> Word Count (99)
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UserId="32669" --> Word Count (1)
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UserId="59425" --> Word Count (17)
UserId="59425" --> Word Count (1)
UserId="59428" --> Word Count (113)
UserId="45610" Comment="added 308 characters in body" --> Word Count (178)
UserId="59429" --> Word Count (61)
UserId="59429" --> Word Count (14)
UserId="59429" --> Word Count (1)
UserId="26019" Comment="edited body" --> Word Count (116)
UserId="49212" --> Word Count (267)
UserId="49212" --> Word Count (16)
UserId="49212" --> Word Count (1)
UserId="45610" Comment="edited body" --> Word Count (178)
UserId="59436" --> Word Count (58)
UserId="59436" --> Word Count (3)
UserId="59436" --> Word Count (1)
UserId="54771" --> Word Count (438)
UserId="54771" --> Word Count (10)
UserId="54771" --> Word Count (1)
UserId="54771" Comment="added 60 characters in body" --> Word Count (449)
UserId="59267" --> Word Count (136)
UserId="836" --> Word Count (172)
UserId="32440" --> Word Count (158)
UserId="59436" Comment="added 171 characters in body" --> Word Count (86)
UserId="32669" Comment="added 4 characters in body" --> Word Count (86)
UserId="56985" --> Word Count (656)
UserId="56985" --> Word Count (11)
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UserId="29575" Comment="Minor grammar" --> Word Count (98)

UserId="35634" Comment="linear model was referred to as 'lineal model'" -->
 Word Count (64)
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 Word Count (5)
 UserId="29575" Comment="linear model was referred to as 'lineal model'" -->
 Word Count (64)
 UserId="25157" Comment="Checked links validity and state of ghmm to validate as
 of 2018." --> Word Count (118)
 UserId="836" Comment="added 70 characters in body" --> Word Count (185)
 UserId="59445" --> Word Count (71)
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 UserId="59445" --> Word Count (1)
 UserId="28101" --> Word Count (94)
 UserId="59445" --> Word Count (119)
 UserId="59445" --> Word Count (15)
 UserId="59445" --> Word Count (1)
 UserId="35644" Comment="added 4 characters in body; edited title" --> Word
 Count (118)
 UserId="35644" Comment="added 4 characters in body; edited title" --> Word
 Count (15)
 UserId="26019" Comment="edited body" --> Word Count (159)
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 UserId="51007" --> Word Count (3)
 UserId="51007" --> Word Count (1)
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 UserId="51129" --> Word Count (1)
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 UserId="28175" --> Word Count (93)
 UserId="28175" Comment="deleted 1 character in body; edited tags" --> Word
 Count (34)
 UserId="28175" Comment="deleted 1 character in body; edited tags" --> Word
 Count (1)
 UserId="28175" Comment="added 522 characters in body" --> Word Count (178)
 UserId="51007" --> Word Count (156)
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 UserId="51007" --> Word Count (1)
 UserId="28175" Comment="deleted 98 characters in body" --> Word Count (145)
 UserId="28175" Comment="deleted 61 characters in body" --> Word Count (158)
 UserId="28175" Comment="deleted 61 characters in body" --> Word Count (158)
 UserId="28175" Comment="added 718 characters in body" --> Word Count (197)
 UserId="28175" --> Word Count (22)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="59456" --> Word Count (64)
 UserId="59456" --> Word Count (4)
 UserId="59456" --> Word Count (1)

UserId="28175" Comment="added 18 characters in body" --> Word Count (25)
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 UserId="58258" --> Word Count (7)
 UserId="58258" --> Word Count (1)
 UserId="59462" --> Word Count (94)
 UserId="59462" --> Word Count (7)
 UserId="59462" --> Word Count (1)
 UserId="54236" --> Word Count (146)
 UserId="54236" --> Word Count (8)
 UserId="54236" --> Word Count (1)
 UserId="51241" Comment="deleted 6 characters in body" --> Word Count (91)
 UserId="14006" --> Word Count (99)
 UserId="59467" Comment="Improved grammar and spelling to better convey what the question and desired output is." --> Word Count (159)
 UserId="29575" Comment="Improved grammar and spelling to better convey what the question and desired output is." --> Word Count (155)
 UserId="59467" --> Word Count (194)
 UserId="45916" Comment="added 627 characters in body" --> Word Count (277)
 UserId="58283" --> Word Count (16)
 UserId="58283" --> Word Count (10)
 UserId="58283" --> Word Count (1)
 UserId="59468" --> Word Count (155)
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 UserId="59468" --> Word Count (1)
 UserId="14006" --> Word Count (68)
 UserId="40767" --> Word Count (68)
 UserId="40767" --> Word Count (64)
 UserId="-1" Comment="no such thing as enough or not, conclude any no matter waht" --> Word Count (184)
 UserId="29575" Comment="Minor formatting" --> Word Count (183)
 UserId="42742" --> Word Count (154)
 UserId="32243" --> Word Count (59)
 UserId="32243" --> Word Count (5)
 UserId="32243" --> Word Count (1)
 UserId="58433" --> Word Count (151)
 UserId="58433" --> Word Count (14)
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 UserId="51668" --> Word Count (225)
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 UserId="51668" --> Word Count (1)
 UserId="836" Comment="LaTeX symbol for set of real numbers." --> Word Count (178)
 UserId="39380" --> Word Count (179)
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 UserId="59171" --> Word Count (34)
 UserId="46351" --> Word Count (3004)
 UserId="46351" --> Word Count (12)

UserId="46351" --> Word Count (1)
 UserId="28530" --> Word Count (79)
 UserId="42742" Comment="added 2 characters in body" --> Word Count (155)
 UserId="59252" --> Word Count (213)
 UserId="59252" --> Word Count (171)
 UserId="50406" --> Word Count (93)
 UserId="54799" --> Word Count (245)
 UserId="54799" --> Word Count (7)
 UserId="54799" --> Word Count (1)
 UserId="43077" Comment="added 99 characters in body" --> Word Count (108)
 UserId="17484" --> Word Count (178)
 UserId="17484" --> Word Count (15)
 UserId="17484" --> Word Count (1)
 UserId="59484" --> Word Count (82)
 UserId="59484" --> Word Count (7)
 UserId="59484" --> Word Count (1)
 UserId="29575" Comment="Fix typo" --> Word Count (78)
 UserId="54799" Comment="edited tags" --> Word Count (1)
 UserId="59171" --> Word Count (171)
 UserId="28175" --> Word Count (304)
 UserId="28175" Comment="added 19 characters in body; edited tags; edited title"
 --> Word Count (75)
 UserId="28175" Comment="added 19 characters in body; edited tags; edited title"
 --> Word Count (12)
 UserId="28175" Comment="added 19 characters in body; edited tags; edited title"
 --> Word Count (1)
 UserId="59428" Comment="Code Correction" --> Word Count (114)
 UserId="58743" --> Word Count (49)
 UserId="58743" --> Word Count (10)
 UserId="58743" --> Word Count (1)
 UserId="924" Comment="added 16 characters in body; added 6 characters in body"
 --> Word Count (141)
 UserId="59171" Comment="added 1 character in body" --> Word Count (171)
 UserId="58743" Comment="via Vote" --> Word Count (1)
 UserId="58743" --> Word Count (1)
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 UserId="45264" --> Word Count (120)
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 UserId="59498" --> Word Count (1)
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 UserId="54439" --> Word Count (62)
 UserId="51512" --> Word Count (186)
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 UserId="26019" Comment="edited body" --> Word Count (39)
 UserId="34269" Comment="improved formatting" --> Word Count (32)
 UserId="34269" Comment="improved formatting" --> Word Count (10)
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 UserId="34269" --> Word Count (117)
 UserId="30048" --> Word Count (40)
 UserId="59343" --> Word Count (55)
 UserId="59516" --> Word Count (130)
 UserId="59516" --> Word Count (8)
 UserId="59516" --> Word Count (1)
 UserId="59516" --> Word Count (220)
 UserId="59516" --> Word Count (6)
 UserId="59516" --> Word Count (1)
 UserId="10640" Comment="A few little fixes" --> Word Count (384)
 UserId="59516" --> Word Count (277)
 UserId="59516" --> Word Count (5)
 UserId="59516" --> Word Count (1)
 UserId="35644" --> Word Count (132)
 UserId="32429" --> Word Count (145)
 UserId="32429" --> Word Count (6)
 UserId="32429" --> Word Count (1)
 UserId="32429" Comment="[Edit removed during grace period]" --> Word Count (145)
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 UserId="59524" --> Word Count (7)

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 UserId="29575" Comment="capitalize" --> Word Count (36)
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 UserId="58890" Comment="improved formatting and corrected typo" --> Word Count (10)
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 UserId="49700" --> Word Count (94)
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 UserId="49700" --> Word Count (1)
 UserId="59517" --> Word Count (114)
 UserId="59517" --> Word Count (6)
 UserId="59517" --> Word Count (1)
 UserId="59468" Comment="edited title" --> Word Count (9)
 UserId="10727" --> Word Count (90)
 UserId="59468" Comment="edited title" --> Word Count (162)
 UserId="59468" Comment="edited title" --> Word Count (9)
 UserId="10640" Comment="Replaced picture with text and latex equations" --> Word Count (278)
 UserId="10640" Comment="Replaced picture with text and latex equations" --> Word Count (9)
 UserId="1330" Comment="Improve grammar; use more standard terms" --> Word Count (117)
 UserId="49700" Comment="added 170 characters in body" --> Word Count (124)
 UserId="28175" --> Word Count (308)
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 UserId="28175" Comment="Tag and question improvement" --> Word Count (1)
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 UserId="57691" Comment="added 55 characters in body" --> Word Count (151)
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 UserId="28175" Comment=" " --> Word Count (528)
 UserId="28175" Comment="added 682 characters in body" --> Word Count (427)
 UserId="57691" Comment="added 11 characters in body" --> Word Count (150)
 UserId="57691" Comment="added 4 characters in body" --> Word Count (151)
 UserId="58488" --> Word Count (58)
 UserId="59171" Comment="Add code for example in numpy and magnificent illustrations" --> Word Count (311)
 UserId="59171" --> Word Count (121)
 UserId="10640" --> Word Count (62)
 UserId="10640" --> Word Count (9)
 UserId="10640" --> Word Count (1)

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 UserId="59539" --> Word Count (47)
 UserId="49700" Comment="added 76 characters in body" --> Word Count (138)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (34)
 UserId="43077" Comment="added 93 characters in body; edited title" --> Word Count (125)
 UserId="43077" Comment="added 93 characters in body; edited title" --> Word Count (10)
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 UserId="17696" --> Word Count (86)
 UserId="17696" --> Word Count (47)
 UserId="58295" Comment="added 140 characters in body" --> Word Count (163)
 UserId="17696" --> Word Count (221)
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 UserId="-1" Comment="105" --> Word Count (4)
 UserId="17696" --> Word Count (173)
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 UserId="59548" --> Word Count (16)
 UserId="59548" --> Word Count (1)
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 UserId="59550" --> Word Count (68)
 UserId="59550" --> Word Count (9)
 UserId="59550" --> Word Count (1)
 UserId="27844" --> Word Count (87)
 UserId="27844" Comment="added 393 characters in body" --> Word Count (130)
 UserId="924" --> Word Count (38)
 UserId="58822" --> Word Count (38)
 UserId="836" --> Word Count (401)
 UserId="836" Comment="added 319 characters in body" --> Word Count (457)
 UserId="27844" Comment="added 66 characters in body" --> Word Count (141)
 UserId="53479" --> Word Count (326)
 UserId="53479" Comment="added 3 characters in body" --> Word Count (326)
 UserId="53479" --> Word Count (65)
 UserId="59429" Comment="added 122 characters in body" --> Word Count (78)
 UserId="59516" Comment="Clarify the point of the question" --> Word Count (310)
 UserId="59516" Comment="Clarified question" --> Word Count (263)
 UserId="58539" --> Word Count (85)

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 UserId="58539" --> Word Count (1)
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 UserId="58743" --> Word Count (11)
 UserId="58743" --> Word Count (1)
 UserId="59563" --> Word Count (347)
 UserId="59563" --> Word Count (7)
 UserId="59563" --> Word Count (1)
 UserId="59385" --> Word Count (21)
 UserId="45420" --> Word Count (117)
 UserId="45420" --> Word Count (10)
 UserId="45420" --> Word Count (1)
 UserId="59171" --> Word Count (21)
 UserId="43077" Comment="deleted 3 characters in body" --> Word Count (124)
 UserId="59171" --> Word Count (137)
 UserId="50406" Comment="Link corrected " --> Word Count (169)
 UserId="29575" Comment="Link corrected " --> Word Count (167)
 UserId="59405" --> Word Count (156)
 UserId="59405" --> Word Count (6)
 UserId="59405" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (90)
 UserId="29575" Comment="Minor grammar" --> Word Count (45)
 UserId="59571" --> Word Count (124)
 UserId="59571" --> Word Count (14)
 UserId="59571" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (322)
 UserId="54509" Comment="added 7 characters in body" --> Word Count (90)
 UserId="54236" Comment="added 6 characters in body" --> Word Count (146)
 UserId="59571" Comment="edited tags" --> Word Count (1)
 UserId="53025" --> Word Count (268)
 UserId="53025" --> Word Count (9)
 UserId="53025" --> Word Count (1)
 UserId="10727" --> Word Count (121)
 UserId="58433" Comment="edited title" --> Word Count (8)
 UserId="14006" --> Word Count (131)
 UserId="59171" --> Word Count (45)
 UserId="59171" --> Word Count (39)
 UserId="37783" --> Word Count (87)
 UserId="37783" --> Word Count (10)
 UserId="37783" --> Word Count (1)
 UserId="14006" --> Word Count (396)
 UserId="14006" Comment="add more reading material" --> Word Count (416)
 UserId="59578" --> Word Count (118)
 UserId="59581" --> Word Count (44)
 UserId="59581" --> Word Count (2)

UserId="59581" --> Word Count (1)
 UserId="-1" Comment="103" --> Word Count (3)
 UserId="23334" --> Word Count (73)
 UserId="59171" --> Word Count (66)
 UserId="59580" --> Word Count (401)
 UserId="59580" --> Word Count (15)
 UserId="59580" --> Word Count (1)
 UserId="59583" --> Word Count (192)
 UserId="59583" --> Word Count (7)
 UserId="59583" --> Word Count (1)
 UserId="29575" Comment="Minor Grammar" --> Word Count (118)
 UserId="17696" Comment="added 6 characters in body" --> Word Count (112)
 UserId="-1" Comment="102" --> Word Count (2)
 UserId="59586" Text="I'm getting this error:

 [E088] -->
 Word Count (116)
 UserId="59586" --> Word Count (5)
 UserId="59586" --> Word Count (1)
 UserId="59310" Comment="added 12 characters in body" --> Word Count (380)
 UserId="59310" Comment="added 15 characters in body" --> Word Count (182)
 UserId="49752" --> Word Count (64)
 UserId="49752" --> Word Count (3)
 UserId="49752" --> Word Count (1)
 UserId="-1" Comment="102" --> Word Count (3)
 UserId="29575" Comment="Minor formatting" --> Word Count (41)
 UserId="45262" --> Word Count (53)
 UserId="45262" --> Word Count (8)
 UserId="45262" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (369)
 UserId="58789" Comment="[Edit removed during grace period]" --> Word Count (57)
 UserId="53479" Comment="Improved wording as suggested in comments; added 1
 character in body" --> Word Count (108)
 UserId="53479" Comment="added 373 characters in body; deleted 131 characters in
 body" --> Word Count (146)
 UserId="59597" --> Word Count (11)
 UserId="53479" Comment="added 4 characters in body" --> Word Count (163)
 UserId="59598" --> Word Count (126)
 UserId="59598" --> Word Count (13)
 UserId="59598" --> Word Count (1)
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 UserId="59600" --> Word Count (1)
 UserId="56230" --> Word Count (99)
 UserId="56230" --> Word Count (4)
 UserId="56230" --> Word Count (1)
 UserId="35634" Comment="The deep-learning tag does does not fit with the content
 of this post " --> Word Count (1)
 UserId="35634" --> Word Count (45)
 UserId="59601" --> Word Count (101)

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 UserId="59298" --> Word Count (105)
 UserId="14006" Comment="edit typo in title" --> Word Count (7)
 UserId="45420" Comment="added 149 characters in body" --> Word Count (144)
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 UserId="59298" --> Word Count (12)
 UserId="59298" --> Word Count (1)
 UserId="46007" --> Word Count (278)
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 UserId="46007" --> Word Count (1)
 UserId="35644" Comment="deleted 14 characters in body" --> Word Count (126)
 UserId="3410" Comment="typo" --> Word Count (215)
 UserId="59298" Comment="added 9 characters in body" --> Word Count (86)
 UserId="28530" Comment="deleted 7 characters in body" --> Word Count (78)
 UserId="59298" Comment="added 126 characters in body" --> Word Count (101)
 UserId="59298" Comment="added 126 characters in body" --> Word Count (16)
 UserId="59608" --> Word Count (300)
 UserId="59608" --> Word Count (8)
 UserId="59608" --> Word Count (1)
 UserId="-1" Comment="103" --> Word Count (3)
 UserId="59611" --> Word Count (55)
 UserId="59614" --> Word Count (188)
 UserId="59614" --> Word Count (13)
 UserId="59614" --> Word Count (1)
 UserId="59615" --> Word Count (146)
 UserId="59615" --> Word Count (9)
 UserId="59615" --> Word Count (1)
 UserId="59586" --> Word Count (58)
 UserId="59617" --> Word Count (107)
 UserId="59617" --> Word Count (10)
 UserId="59617" --> Word Count (1)
 UserId="47403" --> Word Count (187)
 UserId="47403" --> Word Count (18)
 UserId="47403" --> Word Count (1)
 UserId="25157" --> Word Count (211)
 UserId="52109" --> Word Count (158)
 UserId="59372" --> Word Count (321)
 UserId="59372" --> Word Count (16)
 UserId="59372" --> Word Count (1)
 UserId="52109" --> Word Count (430)
 UserId="59171" --> Word Count (147)
 UserId="35634" Comment="The post is about SVM's, not about neural networks."
 --> Word Count (1)
 UserId="29575" Comment="The post is about SVM's, not about neural networks."
 --> Word Count (119)
 UserId="52109" --> Word Count (33)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (51)

UserId="32926" --> Word Count (193)
 UserId="17696" Comment="added 1120 characters in body; deleted 22 characters in body" --> Word Count (303)
 UserId="59623" --> Word Count (108)
 UserId="59629" --> Word Count (33)
 UserId="59630" --> Word Count (75)
 UserId="59630" --> Word Count (6)
 UserId="59630" --> Word Count (1)
 UserId="59633" --> Word Count (43)
 UserId="49700" --> Word Count (105)
 UserId="49700" --> Word Count (7)
 UserId="49700" --> Word Count (1)
 UserId="14006" --> Word Count (206)
 UserId="49700" --> Word Count (66)
 UserId="49700" --> Word Count (5)
 UserId="49700" --> Word Count (1)
 UserId="57453" --> Word Count (234)
 UserId="59417" Text="I am trying to install the `Text` add-on for `Orange`, and I am getting the following error on my Macbook. What's interesting is that I was able to install this plugin on my Windows10 workstation.

[[enter image description here]] [1]] [1]

And the error details:


 Collecting Orange3-Text
 Collecting biopython (from Orange3-Text)
 Using cached https://files.pythonhosted.org/packages/6a/22/c5b6e425d7ed86a52fe10be670b95513b43e0853908d70a984d9a68a9945/biopython-1.72-cp36-cp36m-macosx_10_6_intel.macosx_10_9_intel.macosx_10_9_x86_64.macosx_10_10_intel.macosx_10_10_x86_64.whl
 Collecting wikipedia (from Orange3-Text)
 Collecting lxml (from Orange3-Text)
 Using cached https://files.pythonhosted.org/packages/e4/e4/75453295abd6dcd8f7b48c1eb092ce2c23c34ae08ca7acc8c42de35a5a78/lxml-4.2.5-cp36-cp36m-macosx_10_6_intel.macosx_10_9_intel.macosx_10_9_x86_64.macosx_10_10_intel.macosx_10_10_x86_64.whl
 Collecting nltk>=3.0.5 (from Orange3-Text)
 Collecting odfp>=1.3.5 (from Orange3-Text)
 Collecting simhash (from Orange3-Text)
 Requirement already satisfied: scikit-learn in /Applications/Orange3.app/Contents/Frameworks/Python.framework/Versions/3.6/lib/python3.6/site-packages (from Orange3-Text)
 Collecting setuptools-git (from Orange3-Text)
 Using cached https://files.pythonhosted.org/packages/05/97/dd99fa9c0d9627a7b3c103a00f1566d8193aca8d473884ed258cca82b06f/setuptools-git-1.2-py2.py3-none-any.whl
 Collecting beautifulsoup4 (from Orange3-Text)
 Using cached https://files.pythonhosted.org/packages/21/0a/47fdf541c97fd9b6a610cb5fd518175308a7cc60569962e776ac52420387/beautifulsoup4-4.6.3-py3-none-any.whl
 Requirement already satisfied: scipy in /Applications/Orange3.app/Contents/Frameworks/Python.framework/Versions/3.6/lib/python3.6/site-packages (from Orange3-Text)
 Collecting gensim>=0.12.3 (from Orange3-Text)
 Using cached https://files.pythonhosted.org/packages/62/19/8ecba86351de0eacb9baf1cc49ba86315cd91bc672acd74d6e4e709eb482/gensim-3.6.0-cp36-cp36m-macosx_10_6_intel.macosx_10_9_intel.macosx_

10_9_x86_64.macosx_10_10_intel.macosx_10_10_x86_64.whl
 Collecting
 ufal.udpipe (from Orange3-Text)
 Using cached https://files.python
 hosted.org/packages/f7/20/9fdf23855a8dbb018b91f798d5923fd3aadff5d1d8bee39187973f
 8e17bc/ufal.udpipe-1.2.0.1.tar.gz
 Collecting pdfminer3k>=1.3.1
 (from Orange3-Text)
 Collecting validate-email (from
 Orange3-Text)
 Requirement already satisfied: numpy in /Applications
 /Orange3.app/Contents/Frameworks/Python.framework/Versions/3.6/lib/python3.6/sit
 e-packages (from Orange3-Text)
 Collecting tweepy (from
 Orange3-Text)
 Using cached https://files.pythonhosted.org/package
 s/05/f1/2e8c7b202dd04117a378ac0c55cc7dafa80280ebd7f692f1fa8f27fd6288/tweepy-3.6.
 0-py2.py3-none-any.whl
 Requirement already satisfied:
 Orange3>=3.4.3 in /Applications/Orange3.app/Contents/Frameworks/Python.framew
 ork/Versions/3.6/lib/python3.6/site-packages (from Orange3-Text)

 Collecting docx2txt>=0.6 (from Orange3-Text)
 Requirement already
 satisfied: requests<3.0.0,>=2.0.0 in /Applications/Orange3.app/Contents/Fr
 ameworks/Python.framework/Versions/3.6/lib/python3.6/site-packages (from
 wikipedia->Orange3-Text)
 Requirement already satisfied: six in /
 Applications/Orange3.app/Contents/Frameworks/Python.framework/Versions/3.6/lib/p
 ython3.6/site-packages (from nltk>=3.0.5->Orange3-Text)

 Collecting smart-open>=1.2.1 (from
 gensim>=0.12.3->Orange3-Text)
 Collecting pytest>=2.0 (from
 pdfminer3k>=1.3.1->Orange3-Text)
 Downloading https://files.
 pythonhosted.org/packages/0c/9a/592314ceda78f3307afb6cf56d7fdbb92c5a5960a88a6d2f
 d25c11312ead/pytest-3.8.1-py2.py3-none-any.whl (209kB)
 Collecting
 ply>=3.4 (from pdfminer3k>=1.3.1->Orange3-Text)
 Using
 cached https://files.pythonhosted.org/packages/a3/58/35da89ee790598a0700ea49b2a6
 6594140f44dec458c07e8e3d4979137fc/ply-3.11-py2.py3-none-any.whl

 Collecting PySocks>=1.5.7 (from tweepy->Orange3-Text)

 Collecting requests-oauthlib>=0.7.0 (from tweepy->Orange3-Text)

 Using cached https://files.pythonhosted.org/packages/94/e7/c250d122992e1561690d9
 c0f7856dadb79d61fd4bdd0e598087dce607f6c/requests_oauthlib-1.0.0-py2.py3-none-
 any.whl
 Requirement already satisfied: AnyQt>=0.0.8 in /Applicat
 ions/Orange3.app/Contents/Frameworks/Python.framework/Versions/3.6/lib/python3.6
 /site-packages (from Orange3>=3.4.3->Orange3-Text)

 Requirement already satisfied: bottleneck>=1.0.0 in /Applications/Orange3.app
 /Contents/Frameworks/Python.framework/Versions/3.6/lib/python3.6/site-packages
 (from Orange3>=3.4.3->Orange3-Text)
 Requirement already
 satisfied: chardet>=3.0.2 in /Applications/Orange3.app/Contents/Frameworks/Py
 thon.framework/Versions/3.6/lib/python3.6/site-packages (from
 Orange3>=3.4.3->Orange3-Text)
 Requirement already satisfied:
 docutils in /Applications/Orange3.app/Contents/Frameworks/Python.framework/Versi
 ons/3.6/lib/python3.6/site-packages (from
 Orange3>=3.4.3->Orange3-Text)
 Requirement already satisfied:
 joblib>=0.9.4 in /Applications/Orange3.app/Contents/Frameworks/Python.framewo
 rk/Versions/3.6/lib/python3.6/site-packages (from
 Orange3>=3.4.3->Orange3-Text)
 Requirement already satisfied:
 keyring in /Applications/Orange3.app/Contents/Frameworks/Python.framework/Versio
 ns/3.6/lib/python3.6/site-packages (from

```

Orange3>=3.4.3->Orange3-Text)<#xD;<#xA; Requirement already satisfied:
keyrings.alt in /Applications/Orange3.app/Contents/Frameworks/Python.framework/V
ersions/3.6/lib/python3.6/site-packages (from
Orange3>=3.4.3->Orange3-Text)<#xD;<#xA; Requirement already satisfied:
matplotlib>=2.0.0 in /Applications/Orange3.app/Contents/Frameworks/Python.fra
mework/Versions/3.6/lib/python3.6/site-packages (from
Orange3>=3.4.3->Orange3-Text)<#xD;<#xA; Requirement already satisfied:
networkx in /Applications/Orange3.app/Contents/Frameworks/Python.framework/Versi
ons/3.6/lib/python3.6/site-packages (from
Orange3>=3.4.3->Orange3-Text)<#xD;<#xA; Requirement already satisfied:
pip>=9.0 in /Applications/Orange3.app/Contents/Frameworks/Python.framework/Ve
rsions/3.6/lib/python3.6/site-packages (from
Orange3>=3.4.3->Orange3-Text)<#xD;<#xA; Requirement already satisfied:
pyqtgraph>=0.10.0 in /Applications/Orange3.app/Contents/Frameworks/Python.fra
mework/Versions/3.6/lib/python3.6/site-packages (from
Orange3>=3.4.3->Orange3-Text)<#xD;<#xA; Requirement already satisfied:
python-louvain in /Applications/Orange3.app/Contents/Frameworks/Python.framework
/Versions/3.6/lib/python3.6/site-packages (from
Orange3>=3.4.3->Orange3-Text)<#xD;<#xA; Requirement already satisfied:
serverfiles in /Applications/Orange3.app/Contents/Frameworks/Python.framework/Ve
rsions/3.6/lib/python3.6/site-packages (from
Orange3>=3.4.3->Orange3-Text)<#xD;<#xA; Requirement already satisfied:
setuptools>=36.3 in /Applications/Orange3.app/Contents/Frameworks/Python.fram
ework/Versions/3.6/lib/python3.6/site-packages (from
Orange3>=3.4.3->Orange3-Text)<#xD;<#xA; Requirement already satisfied:
xlrd>=0.9.2 in /Applications/Orange3.app/Contents/Frameworks/Python.framework
/Versions/3.6/lib/python3.6/site-packages (from
Orange3>=3.4.3->Orange3-Text)<#xD;<#xA; Requirement already satisfied:
urllib3<1.24,>=1.21.1 in /Applications/Orange3.app/Contents/Frameworks/Pyt
hon.framework/Versions/3.6/lib/python3.6/site-packages (from
requests<3.0.0,>=2.0.0->wikipedia->Orange3-Text)<#xD;<#xA;
Requirement already satisfied: idna<2.8,>=2.5 in /Applications/Orange3.app
/Contents/Frameworks/Python.framework/Versions/3.6/lib/python3.6/site-packages
(from requests<3.0.0,>=2.0.0->wikipedia->Orange3-Text)<#xD;<#xA;
Requirement already satisfied: certifi>=2017.4.17 in /Applications/Orange3.ap
p/Contents/Frameworks/Python.framework/Versions/3.6/lib/python3.6/site-packages
(from requests<3.0.0,>=2.0.0->wikipedia->Orange3-Text)<#xD;<#xA;
Collecting boto3 (from smart-
open>=1.2.1->gensim>=0.12.3->Orange3-Text)<#xD;<#xA;
Downloading https://files.pythonhosted.org/packages/f5/b4/7c6af5f0574397c74e3c40
dba733733f5ed086ab3dd49bf3008b6e9b3dc6/boto3-1.9.10-py2.py3-none-any.whl
(128kB)<#xD;<#xA; Collecting boto>=2.32 (from smart-
open>=1.2.1->gensim>=0.12.3->Orange3-Text)<#xD;<#xA; Using
cached https://files.pythonhosted.org/packages/23/10/c0b78c27298029e4454a472a191
9bde20cb182dab1662cec7f2ca1dcc523/boto-2.49.0-py2.py3-none-any.whl<#xD;<#xA;
Collecting bz2file (from smart-
open>=1.2.1->gensim>=0.12.3->Orange3-Text)<#xD;<#xA; Collecting
attrs>=17.4.0 (from

```



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pytest>=2.0->pdfminer3k>=1.3.1->Orange3-Text)&#xD;&#xA;      Using
cached https://files.pythonhosted.org/packages/3a/e1/5f9023cc983f1a628a8c2fd051a
d19e76ff7b142a0faf329336f9a62a514/attrs-18.2.0-py2.py3-none-any.whl&#xD;&#xA;
Collecting pluggy>=0.7 (from
pytest>=2.0->pdfminer3k>=1.3.1->Orange3-Text)&#xD;&#xA;      Using
cached https://files.pythonhosted.org/packages/f5/f1/5a93c118663896d83f7bcbfb7f6
57ce1d0c0d617e6b4a443a53abcc658ca/pluggy-0.7.1-py2.py3-none-any.whl&#xD;&#xA;
Collecting py>=1.5.0 (from
pytest>=2.0->pdfminer3k>=1.3.1->Orange3-Text)&#xD;&#xA;      Using
cached https://files.pythonhosted.org/packages/c8/47/d179b80ab1dc1bfd46a0c87e391
be47e6c7ef5831a9c138c5c49d1756288/py-1.6.0-py2.py3-none-any.whl&#xD;&#xA;
Collecting more-itertools>=4.0.0 (from
pytest>=2.0->pdfminer3k>=1.3.1->Orange3-Text)&#xD;&#xA;      Using
cached https://files.pythonhosted.org/packages/79/b1/eace304ef66bd7d3d8b2f78cc37
4b73ca03bc53664d78151e9df3b3996cc/more_itertools-4.3.0-py3-none-
any.whl&#xD;&#xA;      Collecting atomicwrites>=1.0 (from
pytest>=2.0->pdfminer3k>=1.3.1->Orange3-Text)&#xD;&#xA;      Using
cached https://files.pythonhosted.org/packages/3a/9a/9d878f8d885706e2530402de641
7141129a943802c084238914fa6798d97/atomicwrites-1.2.1-py2.py3-none-
any.whl&#xD;&#xA;      Collecting oauthlib>=0.6.2 (from requests-
oauthlib>=0.7.0->tweepy->Orange3-Text)&#xD;&#xA;      Using cached http
s://files.pythonhosted.org/packages/e6/d1/ddd9cfea3e736399b97ded5c2dd62d1322adef
4a72d816f1ed1049d6a179/oauthlib-2.1.0-py2.py3-none-any.whl&#xD;&#xA;
Requirement already satisfied: pytz in /Applications/Orange3.app/Contents/Frameworks/Python.framework/Versions/3.6/lib/python3.6/site-packages (from
matplotlib>=2.0.0->Orange3>=3.4.3->Orange3-Text)&#xD;&#xA;
Requirement already satisfied: python-dateutil>=2.1 in /Applications/Orange3.
app/Contents/Frameworks/Python.framework/Versions/3.6/lib/python3.6/site-
packages (from
matplotlib>=2.0.0->Orange3>=3.4.3->Orange3-Text)&#xD;&#xA;
Requirement already satisfied: pyparsing!=2.0.4,!=2.1.2,!=2.1.6,>=2.0.1 in /A
pplications/Orange3.app/Contents/Frameworks/Python.framework/Versions/3.6/lib/py
thon3.6/site-packages (from
matplotlib>=2.0.0->Orange3>=3.4.3->Orange3-Text)&#xD;&#xA;
Requirement already satisfied: cycler>=0.10 in /Applications/Orange3.app/Cont
ents/Frameworks/Python.framework/Versions/3.6/lib/python3.6/site-packages (from
matplotlib>=2.0.0->Orange3>=3.4.3->Orange3-Text)&#xD;&#xA;
Requirement already satisfied: kiwisolver>=1.0.1 in /Applications/Orange3.app
/Contents/Frameworks/Python.framework/Versions/3.6/lib/python3.6/site-packages
(from matplotlib>=2.0.0->Orange3>=3.4.3->Orange3-Text)&#xD;&#xA;
Requirement already satisfied: decorator>=4.1.0 in /Applications/Orange3.app/
Contents/Frameworks/Python.framework/Versions/3.6/lib/python3.6/site-packages
(from networkx->Orange3>=3.4.3->Orange3-Text)&#xD;&#xA;      Collecting
s3transfer<0.2.0,>=0.1.10 (from boto3->smart-
open>=1.2.1->gensim>=0.12.3->Orange3-Text)&#xD;&#xA;      Using
cached https://files.pythonhosted.org/packages/d7/14/2a0004d487464d120c9fb85313a
75cd3d71a7506955be458eebfe19a6b1d/s3transfer-0.1.13-py2.py3-none-
any.whl&#xD;&#xA;      Collecting botocore<1.13.0,>=1.12.10 (from

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boto3->smart-open=1.2.1->gensim=0.12.3->Orange3-Text)&#xD;&#xA;
Downloading https://files.pythonhosted.org/packages/17/c5/816a626efe96a3c90b1da3
b7335ae6bdaa781b0de843ea93b642fc867e63/botocore-1.12.10-py2.py3-none-any.whl
(4.7MB)&#xD;&#xA; Collecting jmespath<1.0.0,>=0.7.1 (from
boto3->smart-open=1.2.1->gensim=0.12.3->Orange3-Text)&#xD;&#xA;
Using cached https://files.pythonhosted.org/packages/b7/31/05c8d001f7f87f0f07289
a5fc0fc3832e9a57f2dbd4d3b0fee70e0d51365/jmespath-0.9.3-py2.py3-none-
any.whl&#xD;&#xA; Building wheels for collected packages:
ufal.udpipe&#xD;&#xA; Running setup.py bdist_wheel for ufal.udpipe:
started&#xD;&#xA; Running setup.py bdist_wheel for ufal.udpipe: finished
with status 'error'&#xD;&#xA; Complete output from command
/Applications/Orange3.app/Contents/MacOS/PythonApp -u -c &quot;import
setuptools,
tokenize;__file__='/private/var/folders/3q/1pftpjmn10g71rfc9p775sn80000gn/T/pip-
build-u086k99q/ufal.udpipe/setup.py';f=getattr(tokenize, 'open',
open)(__file__);code=f.read().replace('\r\n', '\n');f.close();exec(compile(code,
__file__, 'exec'))&quot; bdist_wheel -d
/var/folders/3q/1pftpjmn10g71rfc9p775sn80000gn/T/tmpx3b2n8s2pip-wheel- --python-
tag cp36:&#xD;&#xA; running bdist_wheel&#xD;&#xA; running
build&#xD;&#xA; running build_py&#xD;&#xA; creating build&#xD;&#xA;
creating build/lib.macosx-10.6-intel-3.6&#xD;&#xA; creating
build/lib.macosx-10.6-intel-3.6/ufal&#xD;&#xA; copying ufal/__init__.py
-> build/lib.macosx-10.6-intel-3.6/ufal&#xD;&#xA; copying ufal/udpipe.py
-> build/lib.macosx-10.6-intel-3.6/ufal&#xD;&#xA; running
build_ext&#xD;&#xA; building 'ufal_udpipe' extension&#xD;&#xA;
creating build/temp.macosx-10.6-intel-3.6&#xD;&#xA; creating
build/temp.macosx-10.6-intel-3.6/udpipe&#xD;&#xA; /usr/bin/clang -fno-
strict-aliasing -Wsign-compare -fno-common -dynamic -DNDEBUG -g -fwrapv -O3
-Wall -Wstrict-prototypes -arch i386 -arch x86_64 -g -Iudpipe/include -I/Applica
tions/Orange3.app/Contents/Frameworks/Python.framework/Versions/3.6/include/pyth
on3.6m -c udpipe/udpipe.cpp -o build/temp.macosx-10.6-intel-3.6/udpipe/udpipe.o
-std=c++11 -fvisibility=hidden -w -stdlib=libc++&#xD;&#xA; clang: error:
invalid deployment target for -stdlib=libc++ (requires OS X 10.7 or
later)&#xD;&#xA; clang: error: invalid deployment target for -stdlib=libc++
(requires OS X 10.7 or later)&#xD;&#xA; error: command '/usr/bin/clang'
failed with exit status 1&#xD;&#xA; &#xD;&#xA;
-----&#xD;&#xA; Failed building wheel
for ufal.udpipe&#xD;&#xA; Running setup.py clean for ufal.udpipe&#xD;&#xA;
Failed to build ufal.udpipe&#xD;&#xA; Installing collected packages:
biopython, beautifulsoup4, wikipedia, lxml, nltk, odpy, simhash, setuptools-
git, jmespath, botocore, s3transfer, boto3, boto, bz2file, smart-open, gensim,
ufal.udpipe, attrs, pluggy, py, more-itertools, atomicwrites, pytest, ply,
pdfminer3k, validate-email, PySocks, oauthlib, requests-oauthlib, tweepy,
docx2txt, Orange3- --> Word Count (330)
UserId="59417" Text="Orange Error - Installing --> Word Count (3)
UserId="59417" --> Word Count (1)
UserId="59640" --> Word Count (216)
UserId="59640" --> Word Count (8)

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UserId="59640" --> Word Count (1)
 UserId="59013" --> Word Count (1)
 UserId="1330" --> Word Count (63)
 UserId="59652" --> Word Count (115)
 UserId="59652" --> Word Count (5)
 UserId="59652" --> Word Count (1)
 UserId="57453" Comment="added 4 characters in body" --> Word Count (236)
 UserId="59640" Comment="longer period for drift data" --> Word Count (216)
 UserId="45916" --> Word Count (676)
 UserId="45916" --> Word Count (9)
 UserId="45916" --> Word Count (1)
 UserId="45916" Comment="deleted 22 characters in body" --> Word Count (687)
 UserId="59655" --> Word Count (173)
 UserId="59655" --> Word Count (13)
 UserId="59655" --> Word Count (1)
 UserId="59640" Comment="added 178 characters in body" --> Word Count (243)
 UserId="49700" --> Word Count (455)
 UserId="49700" --> Word Count (6)
 UserId="49700" --> Word Count (1)
 UserId="59013" Comment="Added all the info I needed to understand the answer to my question" --> Word Count (535)
 UserId="21" Comment="101" --> Word Count (3)
 UserId="21" Comment="101" --> Word Count (4)
 UserId="21" Comment="101" --> Word Count (3)
 UserId="21" Comment="102" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="102" --> Word Count (3)
 UserId="49700" --> Word Count (73)
 UserId="49700" --> Word Count (6)
 UserId="49700" --> Word Count (1)
 UserId="56922" --> Word Count (276)
 UserId="56922" --> Word Count (7)
 UserId="56922" --> Word Count (1)
 UserId="50534" --> Word Count (112)
 UserId="49590" --> Word Count (95)
 UserId="50534" Comment="added 349 characters in body" --> Word Count (171)
 UserId="49590" Comment="added 28 characters in body" --> Word Count (100)
 UserId="50406" --> Word Count (49)
 UserId="50406" --> Word Count (45)
 UserId="50406" Comment="Update" --> Word Count (75)
 UserId="58342" --> Word Count (125)
 UserId="58342" --> Word Count (10)
 UserId="58342" --> Word Count (1)
 UserId="23708" Text="Yes, the latest version of" --> Word Count (25)
 UserId="50406" Comment="Descriptive solution" --> Word Count (135)
 UserId="58747" --> Word Count (49)
 UserId="59611" --> Word Count (60)
 UserId="59611" Comment="better" --> Word Count (66)

UserId="59611" Comment="better clarity" --> Word Count (36)
 UserId="59697" --> Word Count (98)
 UserId="58743" Comment=" " --> Word Count (54)
 UserId="59693" --> Word Count (601)
 UserId="59701" --> Word Count (657)
 UserId="59701" --> Word Count (3)
 UserId="59701" --> Word Count (1)
 UserId="59693" --> Word Count (171)
 UserId="6586" --> Word Count (100)
 UserId="6586" --> Word Count (7)
 UserId="6586" --> Word Count (1)
 UserId="51125" --> Word Count (115)
 UserId="51125" --> Word Count (7)
 UserId="51125" --> Word Count (1)
 UserId="29575" Comment="Format code" --> Word Count (158)
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 --> Word Count (54)
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<https://github.com/biolab/orange3-text> and installed via Anaconda as said, it
 was interrupted three times, but in the end all was installed, it even ran the
 transaction execution until the end, but when I opened Orange, no --> Word
 Count (3)
 UserId="59711" --> Word Count (441)
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 UserId="24423" --> Word Count (115)
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UserId="59563" --> Word Count (118)
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UserId="59149" --> Word Count (88)
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UserId="59749" --> Word Count (20)
UserId="59749" --> Word Count (1)
UserId="45264" Comment="added 38 characters in body" --> Word Count (328)
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UserId="45264" --> Word Count (589)

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 UserId="59405" --> Word Count (1)
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 UserId="59567" --> Word Count (270)
 UserId="59737" --> Word Count (152)
 UserId="59372" --> Word Count (110)
 UserId="59372" --> Word Count (7)
 UserId="59372" --> Word Count (1)
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 UserId="28175" Comment="edited tags" --> Word Count (1)
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 UserId="43077" Comment="added 1 character in body" --> Word Count (126)
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 UserId="43077" Comment="deleted 40 characters in body" --> Word Count (463)
 UserId="59425" --> Word Count (112)
 UserId="59425" --> Word Count (21)
 UserId="59425" --> Word Count (1)

UserId="59794" Comment="edited tags" --> Word Count (1)
UserId="59547" --> Word Count (62)
UserId="59547" --> Word Count (5)
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UserId="59211" --> Word Count (128)
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UserId="59211" --> Word Count (1)
UserId="32926" --> Word Count (51)
UserId="28175" --> Word Count (156)
UserId="28175" Comment="added 15 characters in body" --> Word Count (835)
UserId="32926" --> Word Count (224)
UserId="10620" --> Word Count (272)
UserId="39338" Comment="Better Grammar" --> Word Count (58)
UserId="39338" Comment="Better Grammar" --> Word Count (11)
UserId="29575" Comment="Better Grammar" --> Word Count (57)
UserId="-1" --> Word Count (1)
UserId="-1" --> Word Count (1)
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UserId="45821" Comment="added 99 characters in body" --> Word Count (102)
UserId="59825" --> Word Count (141)
UserId="59825" --> Word Count (7)
UserId="59825" --> Word Count (1)
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UserId="1330" --> Word Count (70)
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UserId="49700" --> Word Count (106)
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 UserId="58433" Comment="edited title" --> Word Count (24)
 UserId="59171" Comment="english and thanks removed" --> Word Count (159)
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 UserId="59899" --> Word Count (9)
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 UserId="28175" Comment="added 3 characters in body" --> Word Count (134)
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 UserId="33759" --> Word Count (136)
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 UserId="59918" --> Word Count (1)
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 UserId="59930" Comment="added 2 characters in body; edited tags" --> Word Count (1)
 <DELETE> --> Word Count (380)
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 UserId="53357" --> Word Count (40)
 UserId="15569" --> Word Count (51)
 UserId="58433" Comment="edited title" --> Word Count (13)
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 UserId="5041" --> Word Count (9)
 UserId="5041" --> Word Count (1)
 UserId="59171" --> Word Count (70)
 UserId="52089" Comment="typo" --> Word Count (70)
 UserId="59171" --> Word Count (49)
 UserId="57545" --> Word Count (284)

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 UserId="26019" Comment="edited body" --> Word Count (59)
 UserId="29575" Comment="edited body" --> Word Count (59)
 UserId="2893" --> Word Count (298)
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 UserId="59954" --> Word Count (6)
 UserId="59954" --> Word Count (1)
 UserId="59954" Comment="deleted 12 characters in body; edited title" --> Word Count (22)
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 UserId="52719" Comment="added OP's language / library of choice" --> Word Count (1)
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 UserId="58433" --> Word Count (10)
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 UserId="58589" Comment="added 80 characters in body" --> Word Count (262)
 UserId="60000" --> Word Count (256)
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 UserId="60000" --> Word Count (1)
 UserId="60001" --> Word Count (17)
 UserId="60003" --> Word Count (365)
 UserId="60003" --> Word Count (8)
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 UserId="57618" --> Word Count (1)
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 UserId="59262" Comment="added 142 characters in body; edited tags; edited title" --> Word Count (152)
 UserId="59262" Comment="added 142 characters in body; edited tags; edited title" --> Word Count (6)
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UserId="45821" Comment="added 12 characters in body" --> Word Count (113)
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 UserId="60036" --> Word Count (50)
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 --> Word Count (256)
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 UserId="49537" --> Word Count (1)
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 UserId="56401" --> Word Count (1)
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 UserId="60060" --> Word Count (1)
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 UserId="47730" --> Word Count (4)
 UserId="47730" --> Word Count (1)
 UserId="60062" --> Word Count (153)
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 UserId="59954" Comment="added 242 characters in body; added 46 characters in body" --> Word Count (75)
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UserId="46785" --> Word Count (7)
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 UserId="60091" --> Word Count (1)
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 UserId="46785" Comment="added 50 characters in body" --> Word Count (13)
 UserId="46785" --> Word Count (23)
 UserId="1156" --> Word Count (87)
 UserId="59758" Comment="added 736 characters in body" --> Word Count (389)
 UserId="1156" Comment="added 457 characters in body" --> Word Count (163)
 UserId="49637" --> Word Count (105)
 UserId="49637" --> Word Count (9)
 UserId="49637" --> Word Count (1)
 UserId="57233" --> Word Count (99)
 UserId="57233" --> Word Count (8)
 UserId="57233" --> Word Count (1)
 UserId="23240" --> Word Count (78)
 UserId="59171" --> Word Count (35)
 UserId="59171" Comment="added 698 characters in body" --> Word Count (133)
 UserId="1156" --> Word Count (112)
 UserId="57429" --> Word Count (333)
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 UserId="60105" Comment="added 413 characters in body" --> Word Count (468)
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 UserId="1156" Comment="Add example" --> Word Count (271)
 UserId="60108" --> Word Count (66)

UserId="58433" --> Word Count (71)
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 UserId="23240" --> Word Count (126)
 UserId="57610" --> Word Count (133)
 UserId="57610" --> Word Count (5)
 UserId="57610" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="836" --> Word Count (1176)
 UserId="836" Comment="added 572 characters in body" --> Word Count (1280)
 UserId="58933" Comment="adding tags for easier visible" --> Word Count (1)
 UserId="45821" Comment="added 7 characters in body" --> Word Count (115)
 UserId="32947" --> Word Count (13)
 UserId="32947" Comment="added 137 characters in body" --> Word Count (34)
 UserId="59073" --> Word Count (48)
 UserId="34269" --> Word Count (46)
 UserId="59171" Comment="added 85 characters in body" --> Word Count (16)
 UserId="59171" Comment="added 1007 characters in body" --> Word Count (150)
 UserId="59171" Comment="added 214 characters in body" --> Word Count (30)
 UserId="59171" Comment="added 135 characters in body" --> Word Count (20)
 UserId="26562" Comment="minor formatting" --> Word Count (1)
 UserId="26562" Comment="minor formatting" --> Word Count (196)
 UserId="60094" --> Word Count (21)
 UserId="54118" --> Word Count (223)
 UserId="54118" --> Word Count (6)
 UserId="54118" --> Word Count (1)
 UserId="60118" --> Word Count (39)
 UserId="60118" --> Word Count (6)
 UserId="60118" --> Word Count (1)
 UserId="43077" Comment="added 5 characters in body" --> Word Count (271)
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 UserId="20618" --> Word Count (54)
 UserId="20618" --> Word Count (9)
 UserId="20618" --> Word Count (1)
 UserId="51308" --> Word Count (146)
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 UserId="60125" --> Word Count (180)
 UserId="60125" --> Word Count (11)
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 UserId="60133" Comment="Added more detail" --> Word Count (260)
 UserId="60139" --> Word Count (54)
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 UserId="60139" --> Word Count (1)
 UserId="57233" Comment="edited tags" --> Word Count (1)
 UserId="16024" --> Word Count (107)
 UserId="34269" Comment="improved formatting" --> Word Count (145)
 UserId="60139" Comment="edited title" --> Word Count (10)
 UserId="34269" --> Word Count (397)
 UserId="16024" --> Word Count (81)
 UserId="52109" --> Word Count (63)
 UserId="52109" Comment="via Vote" --> Word Count (1)
 UserId="60145" --> Word Count (140)
 UserId="60145" --> Word Count (2)
 UserId="60145" --> Word Count (1)
 UserId="52109" Comment="added 672 characters in body" --> Word Count (274)
 UserId="52109" --> Word Count (1)
 UserId="52109" Comment="added 86 characters in body" --> Word Count (288)
 UserId="52109" Comment="added 18 characters in body" --> Word Count (288)
 UserId="59373" --> Word Count (58)
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 UserId="50406" --> Word Count (83)
 UserId="50406" Comment="via Vote" --> Word Count (1)
 UserId="60146" --> Word Count (108)
 UserId="60146" --> Word Count (11)
 UserId="60146" --> Word Count (1)

UserId="52109" --> Word Count (114)
 UserId="50406" Comment="added 521 characters in body" --> Word Count (148)
 UserId="50406" --> Word Count (1)
 UserId="18507" --> Word Count (140)
 UserId="18507" --> Word Count (10)
 UserId="18507" --> Word Count (1)
 UserId="16024" Comment="conversion of dataframe also added" --> Word Count (152)
 UserId="58433" Comment="added 4 characters in body; edited title" --> Word Count (71)
 UserId="58433" Comment="added 4 characters in body; edited title" --> Word Count (8)
 UserId="60136" --> Word Count (37)
 UserId="60136" --> Word Count (21)
 UserId="60136" --> Word Count (1)
 UserId="60136" Comment="edited tags" --> Word Count (1)
 UserId="1156" --> Word Count (55)
 UserId="1156" Comment="Better tags" --> Word Count (1)
 UserId="29575" Comment="Better tags" --> Word Count (37)
 UserId="1156" --> Word Count (114)
 UserId="1156" --> Word Count (106)
 UserId="32926" --> Word Count (80)
 UserId="53357" Comment="added 42 characters in body" --> Word Count (101)
 UserId="53357" Comment="added 6 characters in body" --> Word Count (98)
 UserId="39384" Comment="fix some typo" --> Word Count (58)
 UserId="29575" Comment="fix some typo" --> Word Count (58)
 UserId="60157" --> Word Count (36)
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 UserId="40643" Comment="I added a sample certificate for the reference." --> Word Count (109)
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 UserId="17208" --> Word Count (439)
 UserId="1156" Comment="Add article link" --> Word Count (260)
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 UserId="59027" Comment="fixed grammer" --> Word Count (89)
 UserId="50406" Comment="fixed grammer coz of little typo" --> Word Count (89)
 UserId="50406" Comment="Typo correction" --> Word Count (148)
 UserId="60175" --> Word Count (74)
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 UserId="23305" --> Word Count (371)
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 UserId="59783" --> Word Count (128)
 UserId="43077" Comment="added 660 characters in body" --> Word Count (353)
 UserId="58433" --> Word Count (116)
 UserId="58433" --> Word Count (11)
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 UserId="29587" --> Word Count (352)
 UserId="29587" Comment="added 420 characters in body" --> Word Count (415)
 UserId="59783" Comment="added 1 character in body" --> Word Count (128)
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 UserId="14360" Comment="edited tags" --> Word Count (1)
 UserId="57560" --> Word Count (318)
 UserId="58433" Comment="edited title" --> Word Count (15)
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 UserId="60206" --> Word Count (1)
 UserId="56981" --> Word Count (2725)
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 UserId="59758" Comment="deleted 1 character in body" --> Word Count (389)
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UserId="23305" Comment="fix images" --> Word Count (62)
UserId="60250" --> Word Count (118)
UserId="52891" --> Word Count (124)
UserId="52891" --> Word Count (11)
UserId="52891" --> Word Count (1)
UserId="29575" Comment="Minor grammar" --> Word Count (119)
UserId="60206" Comment="added 46 characters in body" --> Word Count (107)
UserId="60206" Comment="added 2087 characters in body" --> Word Count (555)
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UserId="49752" --> Word Count (40)
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UserId="60257" --> Word Count (1)
UserId="60129" Comment="added 271 characters in body" --> Word Count (308)
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UserId="49700" --> Word Count (553)
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UserId="49700" --> Word Count (1)
UserId="60129" Comment="added 175 characters in body" --> Word Count (332)
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UserId="60129" Comment="added 175 characters in body" --> Word Count (4)
UserId="60265" --> Word Count (239)
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UserId="-1" Comment="104" --> Word Count (3)
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UserId="60267" --> Word Count (124)
UserId="60267" --> Word Count (17)
UserId="60267" --> Word Count (1)
UserId="59171" Comment="improved formatting and meaning" --> Word Count (122)
UserId="59171" --> Word Count (160)
UserId="60269" Text="You can use pypdf2 to extract text from
pdf.&#xD;&#xA;&#xD;&#xA; import PyPDF2&#xD;&#xA;&#xD;&#xA; with
open('sample.pdf','rb') as pdf_file, open('sample_output.txt', 'w') as
text_file:&#xD;&#xA; read_pdf = PyPDF2.PdfFileReader(pdf_file)&#xD;&#xA;
number_of_pages = read_pdf.getNumPages()&#xD;&#xA; for page_number in
range(number_of_pages): # use xrange in Py2&#xD;&#xA; page =
read_pdf.getPage(page_number)&#xD;&#xA; print('Page No - ' + str(1 +
read_pdf.getPageNumber(page)))&#xD;&#xA; page_content = page.extract
--> Word Count (13)
UserId="60270" --> Word Count (134)
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UserId="28175" Comment="edited tags" --> Word Count (549)
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UserId="44456" Comment="added 1862 characters in body" --> Word Count (384)
<DELETE> --> Word Count (772)
<DELETE> --> Word Count (5)
<DELETE> --> Word Count (1)
UserId="44456" Comment="added 57 characters in body" --> Word Count (394)
UserId="60262" --> Word Count (54)
UserId="60262" --> Word Count (11)
UserId="60262" --> Word Count (1)
UserId="54096" --> Word Count (201)
UserId="60288" --> Word Count (92)
UserId="54096" --> Word Count (116)
UserId="60275" --> Word Count (112)
UserId="60275" --> Word Count (20)
UserId="60275" --> Word Count (1)
UserId="60288" Comment="added 198 characters in body" --> Word Count (107)
UserId="60292" --> Word Count (62)
UserId="60292" --> Word Count (80)
UserId="28175" --> Word Count (103)
UserId="28175" Comment="edited tags" --> Word Count (1)
UserId="28175" Comment="edited tags" --> Word Count (9)
UserId="60297" --> Word Count (65)
UserId="29575" Comment="Remove extra commentary" --> Word Count (59)
UserId="26394" Comment="removed regards" --> Word Count (108)
UserId="21" Comment="103" --> Word Count (5)
UserId="49700" --> Word Count (85)
UserId="49700" --> Word Count (11)

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UserId="49700" --> Word Count (1)
 UserId="59783" Comment="I added a notebook so that my answerers could study the problem in a more detailed way. I also added the specific question that I meant to ask." --> Word Count (106)
 UserId="59783" --> Word Count (55)
 UserId="60288" Comment="added 301 characters in body" --> Word Count (116)
 UserId="38173" --> Word Count (183)
 UserId="38173" --> Word Count (8)
 UserId="38173" --> Word Count (1)
 UserId="38173" Comment="edited title" --> Word Count (8)
 UserId="31086" --> Word Count (83)
 UserId="50406" --> Word Count (130)
 UserId="45505" --> Word Count (42)
 UserId="28530" Comment="added 4 characters in body" --> Word Count (78)
 UserId="60315" --> Word Count (162)
 UserId="60315" --> Word Count (14)
 UserId="60315" --> Word Count (1)
 UserId="836" Comment="deleted 226 characters in body" --> Word Count (1267)
 UserId="38173" Comment="Added new tag" --> Word Count (1)
 UserId="29575" Comment="Added new tag" --> Word Count (486)
 UserId="57493" --> Word Count (61)
 UserId="57493" --> Word Count (9)
 UserId="57493" --> Word Count (1)
 UserId="32989" --> Word Count (120)
 UserId="32989" --> Word Count (6)
 UserId="32989" --> Word Count (1)
 UserId="57493" --> Word Count (102)
 UserId="52106" --> Word Count (435)
 UserId="52106" --> Word Count (12)
 UserId="52106" --> Word Count (1)
 UserId="-1" Comment="104" --> Word Count (4)
 UserId="1156" --> Word Count (313)
 UserId="60325" --> Word Count (72)
 UserId="60325" --> Word Count (11)
 UserId="60325" --> Word Count (1)
 UserId="51506" --> Word Count (55)
 UserId="51506" Text="Classification of Conversations in" --> Word Count (1)
 UserId="51506" --> Word Count (1)
 UserId="59601" --> Word Count (60)
 UserId="59601" --> Word Count (5)
 UserId="59601" --> Word Count (1)
 UserId="58685" --> Word Count (69)
 UserId="51506" Comment="added 329 characters in body" --> Word Count (128)
 UserId="60105" --> Word Count (53)
 UserId="60105" --> Word Count (9)
 UserId="60105" --> Word Count (1)
 UserId="1156" --> Word Count (180)
 UserId="1156" --> Word Count (56)

UserId="1330" --> Word Count (64)
 UserId="1156" --> Word Count (148)
 UserId="59193" Comment="improved formatting" --> Word Count (164)
 UserId="29575" Comment="improved formatting" --> Word Count (164)
 UserId="60330" --> Word Count (44)
 UserId="60330" --> Word Count (4)
 UserId="60330" --> Word Count (1)
 UserId="59783" --> Word Count (93)
 UserId="60332" --> Word Count (90)
 UserId="60332" --> Word Count (3)
 UserId="60332" --> Word Count (1)
 UserId="58685" Comment="to more readable" --> Word Count (60)
 UserId="59783" --> Word Count (138)
 UserId="53468" --> Word Count (90)
 UserId="53468" --> Word Count (5)
 UserId="53468" --> Word Count (1)
 UserId="26562" --> Word Count (184)
 UserId="26562" Comment="formatting" --> Word Count (96)
 UserId="30406" --> Word Count (2288)
 UserId="30406" --> Word Count (5)
 UserId="30406" --> Word Count (1)
 UserId="53468" Comment="added 31 characters in body" --> Word Count (101)
 UserId="53468" Comment="deleted 4 characters in body" --> Word Count (100)
 UserId="26019" Comment="edited body" --> Word Count (92)
 UserId="49700" --> Word Count (160)
 UserId="49700" --> Word Count (6)
 UserId="49700" --> Word Count (1)
 UserId="49831" --> Word Count (152)
 UserId="49831" --> Word Count (21)
 UserId="49831" --> Word Count (1)
 UserId="15569" --> Word Count (19)
 UserId="15569" --> Word Count (56)
 UserId="57233" Comment="added 163 characters in body; edited title" --> Word Count (191)
 UserId="57233" Comment="added 163 characters in body; edited title" --> Word Count (14)
 UserId="52300" --> Word Count (218)
 UserId="52300" Comment="added 377 characters in body" --> Word Count (287)
 UserId="59122" --> Word Count (71)
 UserId="59122" --> Word Count (5)
 UserId="59122" --> Word Count (1)
 UserId="60351" --> Word Count (240)
 UserId="60351" --> Word Count (13)
 UserId="60351" --> Word Count (1)
 UserId="49590" --> Word Count (123)
 UserId="49590" --> Word Count (31)
 UserId="60356" --> Word Count (157)
 UserId="60356" --> Word Count (6)

UserId="60356" --> Word Count (1)
 UserId="32745" --> Word Count (93)
 UserId="45264" Comment="Formatting" --> Word Count (253)
 UserId="60357" --> Word Count (212)
 UserId="60357" --> Word Count (4)
 UserId="60357" --> Word Count (1)
 UserId="53468" Comment="edited title" --> Word Count (7)
 UserId="45264" --> Word Count (293)
 UserId="57493" --> Word Count (61)
 UserId="60129" Comment="deleted 11 characters in body" --> Word Count (331)
 UserId="32745" Comment="Key flags are missing" --> Word Count (1)
 UserId="29575" Comment="Key flags are missing" --> Word Count (42)
 UserId="52300" Comment="added 449 characters in body" --> Word Count (348)
 UserId="52300" Comment="added 449 characters in body" --> Word Count (381)
 UserId="58685" Comment="add explanation" --> Word Count (71)
 UserId="59550" --> Word Count (184)
 UserId="59550" --> Word Count (7)
 UserId="59550" --> Word Count (1)
 UserId="60129" Comment="edited title" --> Word Count (6)
 UserId="60368" --> Word Count (53)
 UserId="8878" Comment=""number or product categories"; -->
 "number of product categories""; --> Word Count (173)
 UserId="8878" Comment=""number or product categories"; -->
 "number of product categories""; --> Word Count (3)
 UserId="29914" --> Word Count (132)
 UserId="29914" --> Word Count (8)
 UserId="29914" --> Word Count (1)
 UserId="8878" --> Word Count (388)
 UserId="59954" --> Word Count (27)
 UserId="59954" --> Word Count (3)
 UserId="59954" --> Word Count (1)
 UserId="57233" --> Word Count (41)
 UserId="57233" --> Word Count (6)
 UserId="57233" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (40)
 UserId="59783" Comment="I added sample code and clarified the subject matter."
 --> Word Count (252)
 UserId="60366" --> Word Count (59)
 UserId="8878" Comment="correcting some typos and renewing the structre" -->
 Word Count (66)
 UserId="8878" Comment="correcting some typos and renewing the structre" -->
 Word Count (4)
 UserId="8878" --> Word Count (150)
 UserId="53357" --> Word Count (210)
 UserId="29134" --> Word Count (30)
 UserId="1156" --> Word Count (256)
 UserId="53357" Comment="added 2 characters in body" --> Word Count (210)
 UserId="59783" Comment="There is already a traditional approach to this

problem." --> Word Count (82)
 UserId="53357" Comment="Corrected the link" --> Word Count (93)
 UserId="60381" --> Word Count (23)
 UserId="60105" --> Word Count (151)
 UserId="60105" --> Word Count (12)
 UserId="60105" --> Word Count (1)
 UserId="-1" Comment="101" --> Word Count (3)
 UserId="43077" Comment="via Vote" --> Word Count (1)
 UserId="43077" --> Word Count (1)
 UserId="54468" --> Word Count (82)
 UserId="54468" --> Word Count (14)
 UserId="54468" --> Word Count (1)
 UserId="54468" --> Word Count (100)
 UserId="836" --> Word Count (380)
 UserId="54468" Comment="clarify title" --> Word Count (17)
 UserId="60033" --> Word Count (191)
 UserId="60033" --> Word Count (21)
 UserId="60033" --> Word Count (1)
 UserId="54468" Comment="added 71 characters in body" --> Word Count (93)
 UserId="45264" --> Word Count (309)
 UserId="60392" --> Word Count (78)
 UserId="60392" --> Word Count (3)
 UserId="60392" --> Word Count (1)
 UserId="45264" --> Word Count (527)
 UserId="29587" --> Word Count (92)
 UserId="45264" Comment="typos and clarity" --> Word Count (554)
 UserId="17696" --> Word Count (68)
 UserId="30406" Comment="added 2268 characters in body" --> Word Count (3256)
 UserId="17696" --> Word Count (66)
 UserId="60397" --> Word Count (69)
 UserId="60397" --> Word Count (8)
 UserId="60397" --> Word Count (1)
 UserId="58685" --> Word Count (180)
 UserId="24593" --> Word Count (31)
 UserId="29169" --> Word Count (63)
 UserId="59783" Comment="Editted and provided better link" --> Word Count (82)
 UserId="16855" --> Word Count (337)
 UserId="59954" Comment="edited tags" --> Word Count (1)
 UserId="49700" --> Word Count (77)
 UserId="49700" --> Word Count (8)
 UserId="49700" --> Word Count (1)
 UserId="58488" --> Word Count (152)
 UserId="60366" --> Word Count (136)
 UserId="60366" Comment="edited body" --> Word Count (59)
 UserId="29575" Comment="Minor formatting" --> Word Count (138)
 UserId="60410" --> Word Count (147)
 UserId="60410" --> Word Count (6)
 UserId="60410" --> Word Count (1)

UserId="60381" --> Word Count (43)
UserId="15569" Comment="added 223 characters in body" --> Word Count (46)
UserId="51129" --> Word Count (38)
UserId="51129" --> Word Count (10)
UserId="51129" --> Word Count (1)
UserId="59016" --> Word Count (354)
UserId="59016" --> Word Count (12)
UserId="59016" --> Word Count (1)
UserId="59951" --> Word Count (550)
UserId="59951" --> Word Count (7)
UserId="59951" --> Word Count (1)
UserId="56414" --> Word Count (26)
UserId="56414" --> Word Count (5)
UserId="56414" --> Word Count (1)
UserId="29914" --> Word Count (125)
UserId="34269" --> Word Count (192)
UserId="60417" --> Word Count (151)
UserId="45257" --> Word Count (39)
UserId="45257" --> Word Count (11)
UserId="45257" --> Word Count (1)
UserId="40426" --> Word Count (113)
UserId="40426" --> Word Count (12)
UserId="40426" --> Word Count (1)
UserId="60417" --> Word Count (91)
UserId="15569" --> Word Count (99)
UserId="46007" --> Word Count (107)
UserId="46007" --> Word Count (6)
UserId="46007" --> Word Count (1)
UserId="59016" --> Word Count (156)
UserId="59016" --> Word Count (7)
UserId="59016" --> Word Count (1)
UserId="58789" --> Word Count (255)
UserId="59016" Comment="deleted 2 characters in body" --> Word Count (155)
UserId="58789" --> Word Count (58)
UserId="58789" --> Word Count (134)
UserId="58789" --> Word Count (11)
UserId="58789" --> Word Count (1)
UserId="58789" --> Word Count (54)
UserId="23155" --> Word Count (150)
UserId="23155" --> Word Count (4)
UserId="23155" --> Word Count (1)
UserId="60420" --> Word Count (375)
UserId="60420" --> Word Count (8)
UserId="60420" --> Word Count (1)
UserId="60381" Comment="added 442 characters in body" --> Word Count (105)
UserId="14588" --> Word Count (81)
UserId="8878" --> Word Count (246)
UserId="60443" --> Word Count (103)

UserId="60381" --> Word Count (57)
 UserId="60444" --> Word Count (32)
 UserId="60348" --> Word Count (49)
 UserId="8878" --> Word Count (194)
 UserId="34153" --> Word Count (41)
 UserId="34153" --> Word Count (144)
 UserId="52089" --> Word Count (33)
 UserId="60351" Comment="added 163 characters in body" --> Word Count (270)
 UserId="29575" Comment="Minor formatting" --> Word Count (115)
 UserId="1330" --> Word Count (23)
 UserId="49375" --> Word Count (73)
 UserId="59568" --> Word Count (159)
 UserId="59568" --> Word Count (12)
 UserId="59568" --> Word Count (1)
 UserId="16410" --> Word Count (141)
 UserId="16410" --> Word Count (4)
 UserId="16410" --> Word Count (1)
 UserId="41557" --> Word Count (179)
 UserId="41557" --> Word Count (9)
 UserId="41557" --> Word Count (1)
 UserId="41557" Comment="via Vote" --> Word Count (1)
 UserId="41557" --> Word Count (1)
 UserId="45264" --> Word Count (242)
 UserId="60381" Comment="added 8 characters in body" --> Word Count (65)
 UserId="58685" Comment="to more readable" --> Word Count (360)
 UserId="60468" --> Word Count (146)
 UserId="60468" --> Word Count (10)
 UserId="60468" --> Word Count (1)
 UserId="50406" --> Word Count (168)
 UserId="60468" Comment="Example added with more explanation" --> Word Count (165)
 UserId="50406" --> Word Count (235)
 UserId="836" Comment="added 126 characters in body" --> Word Count (415)
 UserId="58789" --> Word Count (60)
 UserId="58789" Text="Stop words wont give you any insights and further there are frequently used in any text so that frequency of such words are higher than other useful words in your text. This will results into giving more weight age to the stop words then other words. This will affect the performance of the model especially when you apply algorithms based of TF-IDF(Term Frequency-Inverse Document Frequency).

For example: Consider below paragraph of text on which I want to apply --> Word Count (90)
 UserId="60485" --> Word Count (88)
 UserId="60487" --> Word Count (99)
 UserId="60487" --> Word Count (15)
 UserId="60487" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="59868" --> Word Count (2456)
 UserId="59868" --> Word Count (13)

UserId="59868" --> Word Count (1)
 UserId="44688" --> Word Count (33)
 UserId="44688" --> Word Count (13)
 UserId="44688" --> Word Count (1)
 UserId="60456" --> Word Count (191)
 UserId="60456" --> Word Count (6)
 UserId="60456" --> Word Count (1)
 UserId="60239" --> Word Count (52)
 UserId="60504" --> Word Count (239)
 UserId="60504" --> Word Count (15)
 UserId="60504" --> Word Count (1)
 UserId="60504" Comment="added 16 characters in body" --> Word Count (241)
 UserId="60506" --> Word Count (224)
 UserId="60506" --> Word Count (5)
 UserId="60506" --> Word Count (1)
 UserId="60509" --> Word Count (874)
 UserId="60509" --> Word Count (11)
 UserId="60509" --> Word Count (1)
 UserId="59919" --> Word Count (449)
 UserId="59919" --> Word Count (4)
 UserId="59919" --> Word Count (1)
 UserId="60262" --> Word Count (68)
 UserId="60172" --> Word Count (153)
 UserId="60172" --> Word Count (5)
 UserId="60172" --> Word Count (1)
 UserId="60172" --> Word Count (41)
 UserId="58685" --> Word Count (104)
 UserId="1156" --> Word Count (320)
 UserId="58685" --> Word Count (99)
 UserId="31086" --> Word Count (71)
 UserId="31086" --> Word Count (5)
 UserId="31086" --> Word Count (1)
 UserId="31086" Comment="added 101 characters in body" --> Word Count (92)
 UserId="58685" Comment="add explanation, improve code" --> Word Count (147)
 UserId="29882" --> Word Count (44)
 UserId="29882" Comment="additional detail" --> Word Count (243)
 UserId="60506" Comment="added 114 characters in body" --> Word Count (244)
 UserId="29882" Comment="added 1 character in body" --> Word Count (243)
 UserId="29882" Comment="reason for error" --> Word Count (328)
 UserId="60521" --> Word Count (432)
 UserId="60521" --> Word Count (8)
 UserId="60521" --> Word Count (1)
 UserId="29882" Comment="More details" --> Word Count (383)
 UserId="60522" --> Word Count (289)
 UserId="60522" --> Word Count (10)
 UserId="60522" --> Word Count (1)
 UserId="29882" --> Word Count (66)
 UserId="29882" Comment="additional detail" --> Word Count (79)

UserId="29882" --> Word Count (51)
 UserId="1156" Comment="add SQL" --> Word Count (432)
 UserId="60522" Comment="added 562 characters in body" --> Word Count (393)
 UserId="1156" Comment="add SQL" --> Word Count (575)
 UserId="29882" Comment="response to edit" --> Word Count (171)
 UserId="29882" Comment="response to edit" --> Word Count (171)
 UserId="60509" Comment="added 4006 characters in body" --> Word Count (2051)
 UserId="57453" --> Word Count (160)
 UserId="47767" --> Word Count (135)
 UserId="47767" --> Word Count (4)
 UserId="47767" --> Word Count (1)
 UserId="59087" --> Word Count (98)
 UserId="59087" --> Word Count (21)
 UserId="59087" --> Word Count (1)
 UserId="59919" Comment="edited title" --> Word Count (13)
 UserId="60531" --> Word Count (92)
 UserId="60531" --> Word Count (14)
 UserId="60531" --> Word Count (1)
 UserId="29587" Comment="added 49 characters in body" --> Word Count (152)
 UserId="60531" Comment="i have given full detailed quotes now.kindly help me.i am getting error in 3rd line from down." --> Word Count (250)
 UserId="29587" --> Word Count (338)
 UserId="29587" Comment="added 1253 characters in body" --> Word Count (585)
 UserId="17696" --> Word Count (372)
 UserId="29587" --> Word Count (711)
 UserId="29587" Comment="deleted 1163 characters in body" --> Word Count (38)
 UserId="25254" Comment="correct typo in parameter." --> Word Count (25)
 UserId="34269" Comment="correct typo in parameter." --> Word Count (29)
 UserId="57453" --> Word Count (135)
 UserId="57453" Comment="added 233 characters in body" --> Word Count (171)
 UserId="57918" --> Word Count (94)
 UserId="57918" --> Word Count (13)
 UserId="57918" --> Word Count (1)
 UserId="60542" --> Word Count (175)
 UserId="60542" --> Word Count (12)
 UserId="60542" --> Word Count (1)
 UserId="836" --> Word Count (45)
 UserId="836" Comment="added 2 characters in body; edited title" --> Word Count (176)
 UserId="836" Comment="added 2 characters in body; edited title" --> Word Count (13)
 UserId="60544" --> Word Count (704)
 UserId="60544" --> Word Count (9)
 UserId="60544" --> Word Count (1)
 UserId="836" Comment="added 695 characters in body" --> Word Count (185)
 UserId="836" Comment="added 1 character in body" --> Word Count (178)
 UserId="836" Comment="added 695 characters in body" --> Word Count (225)
 UserId="49590" Comment="deleted 7 characters in body" --> Word Count (121)

UserId="1156" Comment="Add link" --> Word Count (73)
 UserId="60550" --> Word Count (34)
 UserId="60550" --> Word Count (14)
 UserId="60550" --> Word Count (1)
 UserId="60554" --> Word Count (46)
 UserId="60557" --> Word Count (49)
 UserId="60557" --> Word Count (7)
 UserId="60557" --> Word Count (1)
 UserId="27983" --> Word Count (111)
 UserId="60554" Comment="added 4 characters in body" --> Word Count (46)
 UserId="58789" --> Word Count (77)
 UserId="58789" --> Word Count (115)
 UserId="58789" --> Word Count (127)
 UserId="44977" Comment="Modified the import class entry corresponding to the latest version of API (scikit-learn v0.20.0)" --> Word Count (229)
 UserId="53950" --> Word Count (120)
 UserId="60485" Comment="Added minor verbosity." --> Word Count (90)
 UserId="60568" --> Word Count (341)
 UserId="44537" --> Word Count (84)
 UserId="44537" --> Word Count (36)
 UserId="44537" Comment="Finished answer" --> Word Count (199)
 UserId="1156" Comment="added 9 characters in body" --> Word Count (576)
 UserId="60506" Comment="added 93 characters in body" --> Word Count (260)
 UserId="59620" --> Word Count (75)
 UserId="59620" --> Word Count (6)
 UserId="59620" --> Word Count (1)
 UserId="59620" Comment="added 88 characters in body" --> Word Count (92)
 UserId="56339" --> Word Count (225)
 UserId="56339" --> Word Count (9)
 UserId="56339" --> Word Count (1)
 UserId="23305" --> Word Count (235)
 UserId="23305" Comment="added 6 characters in body" --> Word Count (54)
 UserId="60568" Comment="added 13 characters in body" --> Word Count (341)
 UserId="60503" --> Word Count (87)
 UserId="2893" --> Word Count (678)
 UserId="2893" --> Word Count (6)
 UserId="2893" --> Word Count (1)
 UserId="836" --> Word Count (441)
 UserId="836" Comment="added 195 characters in body" --> Word Count (476)
 UserId="37792" --> Word Count (140)
 UserId="37792" --> Word Count (7)
 UserId="37792" --> Word Count (1)
 UserId="37792" Comment="edited title" --> Word Count (9)
 UserId="16410" --> Word Count (60)
 UserId="34153" --> Word Count (100)
 UserId="33934" --> Word Count (146)
 UserId="60099" --> Word Count (91)
 UserId="60099" --> Word Count (9)

UserId="60099" --> Word Count (1)
 UserId="23305" Comment="edited title" --> Word Count (5)
 UserId="58433" Comment="deleted 103 characters in body; edited title" --> Word Count (201)
 UserId="58433" Comment="deleted 103 characters in body; edited title" --> Word Count (23)
 UserId="58433" Comment="added 145 characters in body" --> Word Count (224)
 UserId="58433" --> Word Count (41)
 UserId="58433" --> Word Count (12)
 UserId="58433" --> Word Count (1)
 UserId="60607" --> Word Count (105)
 UserId="60607" --> Word Count (7)
 UserId="60607" --> Word Count (1)
 UserId="60371" --> Word Count (113)
 UserId="60371" --> Word Count (8)
 UserId="60371" --> Word Count (1)
 UserId="45264" Comment="Formatting" --> Word Count (205)
 UserId="60608" --> Word Count (91)
 UserId="60608" --> Word Count (4)
 UserId="60608" --> Word Count (1)
 UserId="58433" Comment="added 130 characters in body" --> Word Count (63)
 UserId="60612" --> Word Count (20)
 UserId="60612" --> Word Count (5)
 UserId="60612" --> Word Count (1)
 UserId="58789" --> Word Count (176)
 UserId="34153" --> Word Count (37)
 UserId="60620" --> Word Count (126)
 UserId="60620" --> Word Count (16)
 UserId="60620" --> Word Count (1)
 UserId="34153" Comment="added 287 characters in body" --> Word Count (75)
 UserId="60634" --> Word Count (368)
 UserId="60634" --> Word Count (11)
 UserId="60634" --> Word Count (1)
 UserId="58356" --> Word Count (59)
 UserId="58356" --> Word Count (9)
 UserId="58356" --> Word Count (1)
 UserId="26019" Comment="edited body" --> Word Count (26)
 UserId="29575" Comment="edited body" --> Word Count (25)
 UserId="28175" --> Word Count (142)
 UserId="28175" Comment="deleted 2 characters in body; edited tags; edited title" --> Word Count (57)
 UserId="28175" Comment="deleted 2 characters in body; edited tags; edited title" --> Word Count (9)
 UserId="28175" Comment="deleted 2 characters in body; edited tags; edited title" --> Word Count (1)
 UserId="29586" --> Word Count (38)
 UserId="29575" Comment="Minor grammar" --> Word Count (65)
 UserId="60648" --> Word Count (192)

UserId="60648" --> Word Count (14)
 UserId="60648" --> Word Count (1)
 UserId="54944" --> Word Count (69)
 UserId="60648" Comment="added 65 characters in body" --> Word Count (199)
 UserId="60648" Comment="edited body" --> Word Count (198)
 UserId="60648" Comment="added 139 characters in body" --> Word Count (221)
 UserId="60652" --> Word Count (48)
 UserId="60652" --> Word Count (21)
 UserId="60652" --> Word Count (1)
 UserId="54944" --> Word Count (130)
 UserId="42926" --> Word Count (137)
 UserId="60654" --> Word Count (106)
 UserId="60654" --> Word Count (11)
 UserId="60654" --> Word Count (1)
 UserId="54944" --> Word Count (94)
 UserId="44537" --> Word Count (106)
 UserId="56858" --> Word Count (2090)
 UserId="56858" --> Word Count (10)
 UserId="56858" --> Word Count (1)
 UserId="57453" --> Word Count (100)
 UserId="57453" --> Word Count (124)
 UserId="57453" --> Word Count (60)
 UserId="57453" --> Word Count (38)
 UserId="23478" Comment="added 476 characters in body" --> Word Count (202)
 UserId="57559" --> Word Count (142)
 UserId="57559" --> Word Count (19)
 UserId="57559" --> Word Count (1)
 UserId="41849" --> Word Count (96)
 UserId="41849" --> Word Count (5)
 UserId="41849" --> Word Count (1)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="21" Comment="102" --> Word Count (5)
 UserId="21" Comment="104" --> Word Count (5)
 UserId="21" Comment="105" --> Word Count (6)
 UserId="60550" Comment="added 10 characters in body; edited tags" --> Word Count (35)
 UserId="60550" Comment="added 10 characters in body; edited tags" --> Word Count (1)
 UserId="29587" --> Word Count (516)
 UserId="15569" Comment="added 8 characters in body" --> Word Count (100)
 UserId="836" --> Word Count (351)
 UserId="836" Comment="added 503 characters in body" --> Word Count (432)
 UserId="59387" --> Word Count (575)
 UserId="59387" --> Word Count (16)
 UserId="59387" --> Word Count (1)
 UserId="836" Comment="added 7 characters in body" --> Word Count (433)
 UserId="836" Comment="added 7 characters in body" --> Word Count (443)
 UserId="60677" --> Word Count (87)

UserId="60677" --> Word Count (4)
 UserId="60677" --> Word Count (1)
 UserId="57453" Comment="added 872 characters in body" --> Word Count (258)
 UserId="57453" --> Word Count (98)
 UserId="60679" --> Word Count (87)
 UserId="60679" --> Word Count (13)
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 UserId="60680" --> Word Count (1)
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 UserId="60683" --> Word Count (1)
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 Word Count (139)
 UserId="29575" Comment="code environment. also make error message visible." -->
 Word Count (200)
 UserId="38892" --> Word Count (143)
 UserId="56858" Comment="added 5396 characters in body" --> Word Count (4201)
 UserId="24423" --> Word Count (555)
 UserId="24423" --> Word Count (11)
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 UserId="16853" --> Word Count (163)
 UserId="16853" --> Word Count (7)
 UserId="16853" --> Word Count (1)
 UserId="34153" --> Word Count (50)
 UserId="34153" --> Word Count (41)
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 UserId="16853" Comment="deleted 3 characters in body" --> Word Count (163)
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 UserId="58433" --> Word Count (21)
 UserId="58433" --> Word Count (1)

UserId="60702" --> Word Count (193)
 UserId="60702" --> Word Count (17)
 UserId="60702" --> Word Count (1)
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 UserId="54277" --> Word Count (9)
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 UserId="60121" --> Word Count (4)
 UserId="60121" --> Word Count (1)
 UserId="34153" --> Word Count (203)
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 UserId="60503" Comment="math and code notations fix" --> Word Count (301)
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 UserId="60720" --> Word Count (1)
 UserId="57453" --> Word Count (305)
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 UserId="54046" --> Word Count (99)
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 UserId="54046" --> Word Count (1)
 UserId="58433" Comment="deleted 4 characters in body" --> Word Count (139)
 UserId="45264" --> Word Count (320)
 UserId="58539" --> Word Count (146)
 UserId="836" --> Word Count (516)

UserId="29169" --> Word Count (64)
 UserId="836" Comment="added 109 characters in body" --> Word Count (546)
 UserId="60680" Comment="added 1 character in body" --> Word Count (265)
 UserId="60724" --> Word Count (221)
 UserId="60724" --> Word Count (12)
 UserId="60724" --> Word Count (1)
 UserId="32926" --> Word Count (14)
 UserId="58122" Comment="deleted 10 characters in body" --> Word Count (164)
 UserId="14904" --> Word Count (125)
 UserId="60729" --> Word Count (142)
 UserId="60733" --> Word Count (316)
 UserId="58685" --> Word Count (19)
 UserId="58034" --> Word Count (1178)
 UserId="59620" Comment="deleted 40 characters in body" --> Word Count (84)
 UserId="49700" --> Word Count (71)
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 UserId="49700" --> Word Count (1)
 UserId="60742" --> Word Count (115)
 UserId="60742" Text="There's all sorts of rules of thumb for the structure of a neural net (if n features use n+1 or 2n or 1.5n nodes, etc). I wouldn't take any of them as gospel.

The size and structure of your neural network chiefly depends on the complexity of the data you're trying to learn. If your data is already pretty well represented by, say, linear regression, then you don't really need much additional size to your neural network to represent it well. On the other hand, if your five inputs were, say, the move and shoot commands of a recording of a game of Doom, you're gonna need a large neural network to accommodate all the deep and meaningful interactions between the individual commands. 

Each successive layer of nodes of a neural network deals with increasingly complicated shapes. The first hidden layer is all sigmoid or ReLU functions, the second layer is combinations of the first layer, the third is combinations of the second layer, etc. 

The general structure of the hidden layers is cone-shaped, tapering towards the right. There are lots of nodes in the first layer, and fewer in each successive layer. You can have constant numbers of nodes per layer, though in my playing around it doesn't seem to help much, and many of the layer nodes go relatively unused. The opposite direction (having few first layer nodes and many last layer nodes) is actively harmful, because the later nodes can only ever be combinations of the earlier nodes, and if the first nodes don't create enough shapes for the later nodes to combine, it won't be able to fit anything. 

I've provided a couple of interactive examples through tensorflow's playground.

[Normal structure (Decreasing nodes per layer)] [1]

[Same no. of nodes per layer] [2]

[Rising no. of nodes per layer] [3]

The first two should converge relatively easily, whereas the third shouldn't converge at all.


 [1]: <https://playground.tensorflow.org/#activation=tanh&batchSize=10&dataset=circle®Dataset=reg-plane&learningRate=0.03®ularizationRate=0&noise=0&networkShape=4,2,1&seed=0.94203&showTestData=false&di>

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cretize=false&percTrainData=50&x=true&y=true&xTimesY=false&
xSquared=false&ySquared=false&cosX=false&sinX=false&cosY=false&
sinY=false&collectStats=false&problem=classification&initZero=fal
se&hideText=false&#xD;#xA; [2]: https://playground.tensorflow.org/#activat
ion=tanh&batchSize=10&dataset=circle&regDataset=reg-plane&learnin
gRate=0.03&regularizationRate=0&noise=0&networkShape=3,3,3,3&se
ed=0.94203&showTestData=false&discretize=false&percTrainData=50&
x=true&y=true&xTimesY=false&xSquared=false&ySquared=false&co
sX=false&sinX=false&cosY=false&sinY=false&collectStats=false&
problem=classification&initZero=false&hideText=false&#xD;#xA; [3]: ht
tps://playground.tensorflow.org/#activation=tanh&batchSize=10&dataset=ci
rcle&regDataset=reg-plane&learningRate=0.03&regularizationRate=0&
noise=0&networkShape=1,2,3,4,5,6&seed=0.94203&showTestData=false&am
p;discretize=false&percTrainData=50&x=true&y=true&xTimesY=false&
&xSquared=false&ySquared=false&cosX=false&sinX=false&cosY=fal
se&sinY=false&collectStats=false&problem=classification&initZero
=false&hide --> Word Count (1)
UserId="59868" --> Word Count (206)
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UserId="60752" --> Word Count (166)
UserId="60752" --> Word Count (13)
UserId="60752" --> Word Count (1)
UserId="59087" --> Word Count (854)
UserId="59087" --> Word Count (23)
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UserId="60753" --> Word Count (196)
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UserId="60756" --> Word Count (1)
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UserId="60623" --> Word Count (152)
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UserId="60733" --> Word Count (96)
UserId="58433" Comment="deleted 11 characters in body" --> Word Count (246)
UserId="33202" --> Word Count (65)
UserId="45264" --> Word Count (111)
UserId="59387" --> Word Count (7)

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 UserId="60503" --> Word Count (37)
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 UserId="60782" --> Word Count (44)
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 Word Count (187)
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 UserId="60822" --> Word Count (20)
 UserId="58789" --> Word Count (108)

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 UserId="60777" --> Word Count (1)
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 --> Word Count (1042)
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 Word Count (159)
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 UserId="60899" --> Word Count (1)
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 UserId="28175" --> Word Count (22)
 UserId="28175" Comment="edited tags" --> Word Count (1)
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 UserId="60905" --> Word Count (13)
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 UserId="45264" --> Word Count (82)
 UserId="53760" --> Word Count (129)
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 UserId="34153" --> Word Count (6)
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 UserId="40326" Comment="Improve tags" --> Word Count (1)
 UserId="60946" --> Word Count (217)
 UserId="60946" --> Word Count (9)
 UserId="60946" --> Word Count (1)
 UserId="60946" --> Word Count (43)
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 UserId="45610" Comment="deleted 38 characters in body" --> Word Count (170)
 UserId="49143" --> Word Count (182)
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 UserId="45264" Comment="Formatting" --> Word Count (271)
 UserId="41888" --> Word Count (37)
 UserId="40326" Comment="Improve tags" --> Word Count (1)
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 UserId="23305" Comment="added 36 characters in body" --> Word Count (18)
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 UserId="42078" --> Word Count (1136)
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 UserId="54580" --> Word Count (1)
 UserId="60954" --> Word Count (191)
 UserId="60982" --> Word Count (58)
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 UserId="29587" --> Word Count (533)
 UserId="60982" Comment="added 8 characters in body" --> Word Count (98)
 UserId="46624" Text="Depending on your target task. If you are to classify documents, then e.g. fast --> Word Count (26)
 UserId="60988" --> Word Count (125)
 UserId="60051" --> Word Count (82)
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 UserId="60051" --> Word Count (1)
 UserId="18150" --> Word Count (234)
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 UserId="18626" --> Word Count (255)
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 UserId="60902" --> Word Count (56)
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 UserId="836" --> Word Count (275)
 UserId="49700" Comment="added 1 character in body" --> Word Count (321)
 UserId="46639" --> Word Count (209)
 UserId="46639" --> Word Count (6)
 UserId="46639" --> Word Count (1)
 UserId="49700" Comment="added 32 characters in body" --> Word Count (321)
 UserId="61035" --> Word Count (138)
 UserId="61035" --> Word Count (10)
 UserId="61035" --> Word Count (1)
 UserId="54580" --> Word Count (48)
 UserId="54580" --> Word Count (7)
 UserId="54580" --> Word Count (1)

UserId="49700" Comment="added 31 characters in body" --> Word Count (326)
 UserId="54944" --> Word Count (203)
 UserId="61042" --> Word Count (118)
 UserId="61042" --> Word Count (5)
 UserId="61042" --> Word Count (1)
 UserId="61043" --> Word Count (322)
 UserId="61043" --> Word Count (16)
 UserId="61043" --> Word Count (1)
 UserId="60989" --> Word Count (123)
 UserId="60989" --> Word Count (10)
 UserId="60989" --> Word Count (1)
 UserId="51424" --> Word Count (40)
 UserId="23240" --> Word Count (90)
 UserId="23240" --> Word Count (68)
 UserId="12515" --> Word Count (91)
 UserId="12515" --> Word Count (3)
 UserId="12515" --> Word Count (1)
 UserId="61047" --> Word Count (105)
 UserId="61043" Comment="edited tags" --> Word Count (1)
 UserId="49375" --> Word Count (83)
 UserId="60954" --> Word Count (155)
 UserId="18626" --> Word Count (143)
 UserId="43077" Comment="added 36 characters in body" --> Word Count (245)
 UserId="60985" --> Word Count (160)
 UserId="60985" --> Word Count (17)
 UserId="60985" --> Word Count (1)
 UserId="61062" --> Word Count (38)
 UserId="61066" --> Word Count (134)
 UserId="61066" --> Word Count (8)
 UserId="61066" --> Word Count (1)
 UserId="41591" --> Word Count (40)
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 UserId="41591" --> Word Count (1)
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 UserId="51129" --> Word Count (8)
 UserId="51129" --> Word Count (1)
 UserId="45264" --> Word Count (223)
 UserId="49545" --> Word Count (122)
 UserId="49545" --> Word Count (4)
 UserId="49545" --> Word Count (1)
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 UserId="61071" --> Word Count (1)
 UserId="61075" --> Word Count (34)
 UserId="61077" --> Word Count (93)
 UserId="61077" Comment="via Vote" --> Word Count (1)
 UserId="61077" --> Word Count (1)
 UserId="61077" --> Word Count (98)

UserId="61077" --> Word Count (4)
 UserId="61077" --> Word Count (1)
 UserId="61071" --> Word Count (84)
 UserId="61071" Text="find the number of hapax legomena in a --> Word Count (3)
 UserId="61071" --> Word Count (1)
 UserId="61075" Comment="To handle spaces as well" --> Word Count (60)
 UserId="23492" Comment="Answer is not complete, biases needs to be added to the formulas." --> Word Count (113)
 UserId="45264" --> Word Count (103)
 UserId="61066" Comment="edited tags" --> Word Count (1)
 UserId="61071" Comment="edited title" Text="Python Code to find the number of hapax legomena in a --> Word Count (3)
 UserId="15569" --> Word Count (200)
 UserId="61044" --> Word Count (349)
 UserId="61084" --> Word Count (58)
 UserId="61084" --> Word Count (13)
 UserId="61084" --> Word Count (1)
 UserId="10640" Comment="A few small fixes." --> Word Count (177)
 UserId="10640" Comment="A few small fixes." --> Word Count (9)
 UserId="10640" Comment="A few small fixes." --> Word Count (1)
 UserId="29575" Comment="Minor grammar" --> Word Count (175)
 UserId="29575" Comment="indent code so shows correctly" --> Word Count (54)
 UserId="60503" Comment="code style" --> Word Count (199)
 UserId="29575" Comment="Minor grammar" --> Word Count (200)
 UserId="61075" --> Word Count (41)
 UserId="60381" --> Word Count (69)
 UserId="61071" Comment="added 49 characters in body" Text="[[enter image description here][1]][1]

Input_String is --> Word Count (33)
 UserId="60381" Comment="added 388 characters in body" --> Word Count (134)
 UserId="1330" --> Word Count (62)
 UserId="18626" Comment="deleted 1 character in body" --> Word Count (255)
 UserId="61088" --> Word Count (1061)
 UserId="61088" --> Word Count (11)
 UserId="61088" --> Word Count (1)
 UserId="61091" --> Word Count (103)
 UserId="29587" --> Word Count (334)
 UserId="54944" --> Word Count (225)
 UserId="60381" --> Word Count (153)
 UserId="61092" --> Word Count (73)
 UserId="29575" Comment="Format Link" --> Word Count (72)
 UserId="45264" Comment="Added another solution for specific user input." --> Word Count (185)
 UserId="61096" --> Word Count (531)
 UserId="61096" --> Word Count (5)
 UserId="61096" --> Word Count (1)
 UserId="61098" --> Word Count (417)
 UserId="61098" --> Word Count (11)
 UserId="61098" --> Word Count (1)

UserId="34153" --> Word Count (20)
UserId="18150" --> Word Count (172)
UserId="29587" --> Word Count (824)
UserId="61102" --> Word Count (123)
UserId="61102" --> Word Count (6)
UserId="61102" --> Word Count (1)
UserId="61103" Comment="Spelling fixes" --> Word Count (124)
UserId="29575" Comment="Minor grammar" --> Word Count (112)
UserId="61104" Comment="Edited to answer question" --> Word Count (431)
UserId="29575" Comment="Edited to answer question" --> Word Count (432)
UserId="60954" --> Word Count (113)
UserId="29587" --> Word Count (102)
UserId="61109" --> Word Count (102)
UserId="61109" --> Word Count (7)
UserId="61109" --> Word Count (1)
UserId="61116" --> Word Count (43)
UserId="61116" --> Word Count (10)
UserId="61116" --> Word Count (1)
UserId="49637" --> Word Count (243)
UserId="59004" --> Word Count (67)
UserId="59004" --> Word Count (8)
UserId="59004" --> Word Count (1)
UserId="61118" --> Word Count (144)
UserId="61118" --> Word Count (12)
UserId="61118" --> Word Count (1)
UserId="29587" --> Word Count (261)
UserId="61115" --> Word Count (118)
UserId="61115" --> Word Count (7)
UserId="61115" --> Word Count (1)
UserId="57731" --> Word Count (59)
UserId="57731" --> Word Count (6)
UserId="57731" --> Word Count (1)
UserId="59004" Comment="added 42 characters in body" --> Word Count (76)
UserId="836" --> Word Count (27)
UserId="8878" --> Word Count (146)
UserId="59174" --> Word Count (544)
UserId="59174" --> Word Count (6)
UserId="59174" --> Word Count (1)
UserId="52106" --> Word Count (197)
UserId="52106" --> Word Count (11)
UserId="52106" --> Word Count (1)
UserId="43939" --> Word Count (125)
UserId="43939" --> Word Count (5)
UserId="43939" --> Word Count (1)
UserId="60503" --> Word Count (73)
UserId="60954" --> Word Count (34)
UserId="61159" --> Word Count (160)
UserId="61159" --> Word Count (9)

UserId="61159" --> Word Count (1)
 UserId="38503" --> Word Count (103)
 UserId="38503" --> Word Count (7)
 UserId="38503" --> Word Count (1)
 UserId="56230" --> Word Count (83)
 UserId="56230" --> Word Count (13)
 UserId="56230" --> Word Count (1)
 UserId="60381" --> Word Count (66)
 UserId="56230" Comment="deleted 2 characters in body" --> Word Count (83)
 UserId="61171" --> Word Count (88)
 UserId="60762" --> Word Count (49)
 UserId="44456" Comment="redefined the question that better represents my real case problem" --> Word Count (1099)
 UserId="38227" --> Word Count (69)
 UserId="38227" --> Word Count (7)
 UserId="38227" --> Word Count (1)
 UserId="42178" --> Word Count (264)
 UserId="24000" Comment="Reformatted" --> Word Count (159)
 UserId="29810" --> Word Count (232)
 UserId="54115" --> Word Count (145)
 UserId="54115" --> Word Count (11)
 UserId="54115" --> Word Count (1)
 UserId="2932" --> Word Count (321)
 UserId="60902" --> Word Count (72)
 UserId="60902" --> Word Count (62)
 UserId="61184" --> Word Count (99)
 UserId="61184" --> Word Count (5)
 UserId="61184" --> Word Count (1)
 UserId="61185" --> Word Count (25)
 UserId="58283" --> Word Count (49)
 UserId="58283" --> Word Count (10)
 UserId="58283" --> Word Count (1)
 UserId="61180" --> Word Count (148)
 UserId="61191" --> Word Count (48)
 UserId="61191" --> Word Count (4)
 UserId="61191" --> Word Count (1)
 UserId="26019" Comment="edited body" --> Word Count (313)
 UserId="29575" Comment="edited body" --> Word Count (301)
 UserId="61189" --> Word Count (126)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (146)
 UserId="2932" Comment="Clarified section 3" --> Word Count (362)
 UserId="29575" Comment="Minor formatting" --> Word Count (126)
 UserId="61180" Comment="added 16 characters in body" --> Word Count (148)
 UserId="57416" --> Word Count (273)
 UserId="23240" --> Word Count (97)
 UserId="57416" Comment="correct some mistakes" --> Word Count (311)
 UserId="8878" --> Word Count (559)
 UserId="42354" --> Word Count (310)

UserId="60992" Comment="added 233 characters in body" --> Word Count (141)
 UserId="60992" Comment="deleted 16 characters in body" --> Word Count (141)
 UserId="61180" Comment="deleted 18 characters in body" --> Word Count (146)
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 UserId="31434" --> Word Count (9)
 UserId="31434" --> Word Count (1)
 UserId="31434" Comment="Added check for 'all constant'." --> Word Count (334)
 UserId="60381" --> Word Count (216)
 UserId="59174" Comment="added 473 characters in body" --> Word Count (623)
 UserId="59174" Comment="added 205 characters in body" --> Word Count (663)
 UserId="52445" --> Word Count (185)
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 UserId="52445" --> Word Count (1)
 UserId="61210" --> Word Count (118)
 UserId="61210" --> Word Count (3)
 UserId="61210" --> Word Count (1)
 UserId="52879" Comment="add more info" --> Word Count (603)
 UserId="47485" --> Word Count (136)
 UserId="25673" --> Word Count (140)
 UserId="25673" --> Word Count (10)
 UserId="25673" --> Word Count (1)
 UserId="52445" Comment="edited title" --> Word Count (10)
 UserId="47485" Comment="added 34 characters in body" --> Word Count (142)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (123)
 UserId="60381" Comment="added 315 characters in body" --> Word Count (288)
 UserId="60902" --> Word Count (177)
 UserId="61217" --> Word Count (25)
 UserId="61217" --> Word Count (5)
 UserId="61217" --> Word Count (1)
 UserId="26243" Comment="added 48 characters in body" --> Word Count (73)
 UserId="25673" Comment="Tidy and expand." --> Word Count (153)
 UserId="61220" --> Word Count (68)
 UserId="61220" --> Word Count (6)
 UserId="61220" --> Word Count (1)
 UserId="59171" --> Word Count (106)
 UserId="26562" Comment="changed title to remove potential confusion with
 'extreme classification', classification with a huge number of classes." -->
 Word Count (10)
 UserId="61054" --> Word Count (67)
 UserId="61225" --> Word Count (111)
 UserId="61225" --> Word Count (5)
 UserId="61225" --> Word Count (1)
 UserId="26019" Comment="edited body" --> Word Count (110)
 UserId="29575" Comment="edited body" --> Word Count (89)
 UserId="42354" Comment="via Vote" --> Word Count (1)
 UserId="44456" --> Word Count (627)
 UserId="15613" --> Word Count (153)
 UserId="15613" --> Word Count (4)

UserId="15613" --> Word Count (1)
 UserId="61233" --> Word Count (23)
 UserId="42354" Comment="added 34 characters in body" --> Word Count (327)
 UserId="42354" --> Word Count (1)
 UserId="61236" --> Word Count (283)
 UserId="61239" --> Word Count (166)
 UserId="61239" --> Word Count (7)
 UserId="61239" --> Word Count (1)
 UserId="471" --> Word Count (36)
 UserId="42178" --> Word Count (99)
 UserId="61209" Comment="Corrected spelling from polling to pooling" --> Word Count (300)
 UserId="61209" Comment="Corrected spelling from polling to pooling" --> Word Count (5)
 UserId="61245" --> Word Count (145)
 UserId="61245" --> Word Count (5)
 UserId="61245" --> Word Count (1)
 UserId="8878" --> Word Count (182)
 UserId="8878" --> Word Count (119)
 UserId="27685" --> Word Count (869)
 UserId="27685" --> Word Count (10)
 UserId="27685" --> Word Count (1)
 UserId="59174" Comment="added 300 characters in body" --> Word Count (712)
 UserId="27983" --> Word Count (113)
 UserId="37172" --> Word Count (324)
 UserId="37172" --> Word Count (12)
 UserId="37172" --> Word Count (1)
 UserId="27983" Comment="improved formmating" --> Word Count (127)
 UserId="27983" Comment="fixed grammer" --> Word Count (128)
 UserId="27983" --> Word Count (181)
 UserId="27983" --> Word Count (5)
 UserId="27983" --> Word Count (1)
 UserId="61257" --> Word Count (55)
 UserId="27983" Comment="deleted 1 character in body" --> Word Count (181)
 UserId="61261" --> Word Count (67)
 UserId="61261" --> Word Count (8)
 UserId="61261" --> Word Count (1)
 UserId="61261" Comment="edited title" --> Word Count (11)
 UserId="61261" Comment="edited title" --> Word Count (71)
 UserId="8878" --> Word Count (66)
 UserId="60565" --> Word Count (72)
 UserId="46143" --> Word Count (71)
 UserId="45264" Comment="Formatting" --> Word Count (69)
 UserId="60565" Comment="deleted 17 characters in body" --> Word Count (66)
 UserId="-1" --> Word Count (1)
 UserId="42499" --> Word Count (71)
 UserId="60565" Comment="added 119 characters in body" --> Word Count (88)
 UserId="471" Comment="added 794 characters in body" --> Word Count (209)

UserId="1256" --> Word Count (21)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="21" Comment="104" --> Word Count (5)
 UserId="2932" --> Word Count (137)
 UserId="60984" --> Word Count (38)
 UserId="60984" --> Word Count (3)
 UserId="60984" --> Word Count (1)
 UserId="31434" Comment="showed example" --> Word Count (648)
 UserId="23305" Comment="make title more telling" --> Word Count (8)
 UserId="37184" --> Word Count (153)
 UserId="61261" --> Word Count (47)
 UserId="61261" --> Word Count (13)
 UserId="61261" --> Word Count (1)
 UserId="29587" --> Word Count (146)
 UserId="17696" --> Word Count (324)
 UserId="26562" Comment="added tag, minor grammar" --> Word Count (37)
 UserId="26562" Comment="added tag, minor grammar" --> Word Count (1)
 UserId="26562" Comment="added tag, minor grammar" --> Word Count (5)
 UserId="59362" --> Word Count (340)
 UserId="59362" --> Word Count (7)
 UserId="59362" --> Word Count (1)
 UserId="61261" --> Word Count (379)
 UserId="61261" --> Word Count (10)
 UserId="61261" --> Word Count (1)
 UserId="40951" --> Word Count (46)
 UserId="61261" Comment="improved formatting" --> Word Count (153)
 UserId="61239" --> Word Count (48)
 UserId="27983" Comment="grammer" --> Word Count (181)
 UserId="60550" --> Word Count (49)
 UserId="60550" --> Word Count (13)
 UserId="60550" --> Word Count (1)
 UserId="49700" Comment="Enclosed code in {} block" --> Word Count (138)
 UserId="61316" --> Word Count (27)
 UserId="24180" --> Word Count (498)
 UserId="24180" --> Word Count (2)
 UserId="24180" --> Word Count (1)
 UserId="45264" --> Word Count (793)
 UserId="24180" Comment="added driver stack trace" --> Word Count (858)
 UserId="61316" Comment="deleted 19 characters in body" --> Word Count (24)
 UserId="61245" Comment="added 58 characters in body" --> Word Count (156)
 UserId="60550" --> Word Count (57)
 UserId="60550" --> Word Count (13)
 UserId="60550" --> Word Count (1)
 UserId="61261" Comment="edited title" --> Word Count (13)
 <DELETE> --> Word Count (12)
 UserId="61261" Comment="added 3 characters in body" --> Word Count (70)
 UserId="61317" --> Word Count (73)
 UserId="61317" --> Word Count (16)

UserId="61317" --> Word Count (1)
UserId="49601" --> Word Count (198)
UserId="61317" Comment="added 328 characters in body" --> Word Count (115)
UserId="8878" --> Word Count (213)
UserId="59951" --> Word Count (253)
UserId="59951" --> Word Count (7)
UserId="59951" --> Word Count (1)
UserId="60665" --> Word Count (55)
UserId="60665" --> Word Count (8)
UserId="60665" --> Word Count (1)
UserId="61334" --> Word Count (187)
UserId="61332" --> Word Count (71)
UserId="61332" --> Word Count (17)
UserId="61332" --> Word Count (1)
UserId="8878" --> Word Count (227)
UserId="41734" --> Word Count (137)
UserId="61332" Comment="via Vote" --> Word Count (2)
UserId="61332" --> Word Count (2)
UserId="61336" --> Word Count (72)
UserId="61336" --> Word Count (10)
UserId="61336" --> Word Count (1)
UserId="53582" --> Word Count (13)
UserId="61332" --> Word Count (67)
UserId="53120" --> Word Count (70)
UserId="45264" Comment="formatting" --> Word Count (17)
UserId="8878" Comment="typo, restructuring" --> Word Count (215)
UserId="45264" --> Word Count (238)
UserId="21451" --> Word Count (131)
UserId="21451" --> Word Count (20)
UserId="21451" --> Word Count (1)
UserId="47636" Comment="added 90 characters in body" --> Word Count (657)
UserId="42023" --> Word Count (62)
UserId="42023" --> Word Count (10)
UserId="42023" --> Word Count (1)
UserId="61348" --> Word Count (318)
UserId="61348" --> Word Count (8)
UserId="61348" --> Word Count (1)
UserId="836" --> Word Count (164)
UserId="45610" --> Word Count (84)
UserId="45610" --> Word Count (8)
UserId="45610" --> Word Count (1)
UserId="14519" Comment="Added `chunksize` for completeness' sake." --> Word Count (606)
UserId="31434" Comment="fixed typo" --> Word Count (694)
UserId="37059" --> Word Count (857)
UserId="37059" --> Word Count (17)
UserId="37059" --> Word Count (1)
UserId="44785" --> Word Count (112)

UserId="44785" --> Word Count (11)
 UserId="44785" --> Word Count (1)
 UserId="61043" Comment="deleted 472 characters in body" --> Word Count (238)
 UserId="61043" Comment="deleted 472 characters in body" --> Word Count (12)
 UserId="61043" Comment="deleted 87 characters in body; edited title" --> Word Count (221)
 UserId="61043" Comment="deleted 87 characters in body; edited title" --> Word Count (13)
 UserId="61361" --> Word Count (93)
 UserId="61362" --> Word Count (94)
 UserId="61362" --> Word Count (5)
 UserId="61362" --> Word Count (1)
 UserId="836" --> Word Count (322)
 UserId="42634" --> Word Count (176)
 UserId="42634" --> Word Count (6)
 UserId="42634" --> Word Count (1)
 UserId="54046" --> Word Count (135)
 UserId="54046" --> Word Count (3)
 UserId="54046" --> Word Count (1)
 UserId="61368" --> Word Count (164)
 UserId="61368" --> Word Count (12)
 UserId="61368" --> Word Count (1)
 UserId="61368" Comment="Clarified my concerns with RPN" --> Word Count (167)
 UserId="45264" --> Word Count (312)
 UserId="31434" Comment="Asked a clearer question" --> Word Count (730)
 UserId="8878" Text="Have a look at [this][1] to see how a Knowledge Base can be built. I would say the best way is to build your own Knowledge Base based on your corpus if you have enough data.

The idea (simplified) for starting is to have patterns such as "*NAME is POSITION*" by seeing some of data. Through this you find many names and positions. Then you extract new patterns from them and scan whole data again. Do it until no new pattern shows up. Then you end up with lots of is-a relations which is what you need.

For extracting positions you may need sentence segmentation. Have a look at [slide 56][2] onward to get an overview.

PS: If you do not have enough data, you may crawl web and get texts and try to make your lexical databases. Target websites with more probability of having such a context.

Hope it helps. Good Luck!


 [1]: <https://www.microsoft.com/en-us/research/wp-content/uploads/2012/05/paper.pdf>
 [2]: <http://www.wangzhongyuan.com/tutorial/ACL2016/Understanding-Short-Texts/Slides/Understanding-Short-> --> Word Count (1)
 UserId="54236" --> Word Count (83)
 UserId="54236" --> Word Count (7)
 UserId="54236" --> Word Count (1)
 UserId="61362" Comment="added 19 characters in body" --> Word Count (98)
 UserId="45264" --> Word Count (332)
 UserId="52719" --> Word Count (219)
 UserId="16613" --> Word Count (152)

UserId="61347" --> Word Count (165)
 UserId="52719" Comment="added 306 characters in body" --> Word Count (272)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="21" --> Word Count (113)
 UserId="23159" --> Word Count (140)
 UserId="52719" Comment="added 2 characters in body" --> Word Count (272)
 UserId="61386" --> Word Count (120)
 UserId="61386" --> Word Count (9)
 UserId="61386" --> Word Count (1)
 UserId="23159" Comment=" Changed the anticipated result of test" --> Word Count (147)
 UserId="23159" --> Word Count (157)
 UserId="47488" --> Word Count (265)
 UserId="26562" Comment="formatting" --> Word Count (180)
 UserId="26562" Comment="formatting, grammar, spelling" --> Word Count (311)
 UserId="21" --> Word Count (236)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (112)
 UserId="52719" Comment="added relevant tags" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (98)
 UserId="61400" --> Word Count (81)
 UserId="61400" --> Word Count (7)
 UserId="61400" --> Word Count (1)
 UserId="61407" --> Word Count (117)
 UserId="29575" Comment="Minor formatting" --> Word Count (103)
 UserId="43147" --> Word Count (163)
 UserId="42634" --> Word Count (59)
 UserId="24696" --> Word Count (26)
 UserId="24696" --> Word Count (11)
 UserId="24696" --> Word Count (1)
 UserId="61368" Comment="Added 2 more examples" --> Word Count (182)
 UserId="61409" --> Word Count (45)
 UserId="843" Comment="edited tags" --> Word Count (1)
 UserId="60550" Comment="edited title" --> Word Count (10)
 UserId="24696" Comment="added 64 characters in body" --> Word Count (33)
 UserId="61414" --> Word Count (160)
 UserId="61414" --> Word Count (8)
 UserId="61414" --> Word Count (1)
 UserId="61414" Comment="added 74 characters in body" --> Word Count (172)
 UserId="59174" --> Word Count (46)
 UserId="61417" --> Word Count (167)
 UserId="61417" --> Word Count (12)
 UserId="61417" --> Word Count (1)
 UserId="61418" --> Word Count (36)
 UserId="61418" --> Word Count (95)
 UserId="33812" --> Word Count (65)
 UserId="61418" --> Word Count (124)
 UserId="924" --> Word Count (62)
 UserId="35644" Comment="added 55 characters in body" Text="Adding to The answer

given by Toros, These (see below bullets) three are quite similar but with a subtle differences-: (concise and easy to remember) - **feature extraction and feature engineering**: transformation of raw data into features suitable for modeling; - **feature transformation**: transformation of data to improve the accuracy of the algorithm; - **feature selection**: removing unnecessary features. Just to add an Example of the same, > Feature Extraction and Engineering (we can extract something from them) - --> Word Count (81)

UserId="61417" Comment="added 80 characters in body" --> Word Count (181)
 UserId="24180" --> Word Count (188)
 UserId="61418" Comment="deleted 11 characters in body" --> Word Count (122)
 UserId="61417" Comment="added 78 characters in body" --> Word Count (194)
 UserId="61425" --> Word Count (19)
 UserId="61425" Text=" --> Word Count (3)
 UserId="61425" --> Word Count (1)
 UserId="378" Comment="deleted 2 characters in body" --> Word Count (341)
 UserId="45264" --> Word Count (151)
 UserId="61433" --> Word Count (129)
 UserId="61433" Comment="added 3 characters in body" --> Word Count (145)
 UserId="61437" --> Word Count (33)
 UserId="61437" --> Word Count (7)
 UserId="61437" --> Word Count (1)
 UserId="16613" Comment="deleted 3 characters in body" --> Word Count (151)
 UserId="61436" --> Word Count (148)
 UserId="61436" --> Word Count (10)
 UserId="61436" --> Word Count (1)
 UserId="61435" --> Word Count (241)
 UserId="61435" --> Word Count (15)
 UserId="61435" --> Word Count (1)
 UserId="61436" Comment="added 11 characters in body" --> Word Count (151)
 UserId="27983" --> Word Count (29)
 UserId="61434" --> Word Count (117)
 UserId="61434" --> Word Count (4)
 UserId="61434" --> Word Count (1)
 UserId="61071" --> Word Count (19)
 UserId="61071" --> Word Count (9)
 UserId="61071" --> Word Count (1)
 UserId="57779" --> Word Count (64)
 UserId="23159" --> Word Count (41)
 UserId="29575" Comment="Minor formatting" --> Word Count (66)
 UserId="60381" --> Word Count (109)
 UserId="60381" Comment="added 129 characters in body" --> Word Count (134)
 UserId="45264" --> Word Count (112)
 UserId="45610" --> Word Count (31)
 UserId="45610" --> Word Count (14)
 UserId="45610" --> Word Count (1)

UserId="45610" Comment="added 2 characters in body" --> Word Count (32)
 UserId="61071" Comment="added 26 characters in body" --> Word Count (34)
 UserId="45264" Comment="Updated based on updated from OP" --> Word Count (397)
 UserId="61071" Comment="added 91 characters in body" --> Word Count (40)
 UserId="61071" Comment="added 87 characters in body" --> Word Count (46)
 UserId="61447" --> Word Count (33)
 UserId="23240" --> Word Count (167)
 UserId="42634" Comment="added 5 characters in body" --> Word Count (60)
 UserId="23240" --> Word Count (95)
 UserId="60954" --> Word Count (155)
 UserId="61449" --> Word Count (723)
 UserId="61449" --> Word Count (12)
 UserId="61449" --> Word Count (1)
 UserId="40139" Comment="Link expired, replaced with new one" --> Word Count (173)
 UserId="23305" Comment="edited title" --> Word Count (12)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="61418" Comment="Tag + title fixes" --> Word Count (7)
 UserId="61418" Comment="Tag + title fixes" --> Word Count (1)
 UserId="61467" --> Word Count (46)
 UserId="61467" --> Word Count (7)
 UserId="61467" --> Word Count (1)
 UserId="45264" --> Word Count (313)
 UserId="45264" Comment="extra clause " --> Word Count (163)
 UserId="61261" Comment="deleted 1 character in body" --> Word Count (70)
 UserId="43077" Comment="deleted 2 characters in body" --> Word Count (156)
 UserId="31668" --> Word Count (105)
 UserId="31668" --> Word Count (11)
 UserId="31668" --> Word Count (1)
 UserId="43077" Comment="added 6 characters in body" --> Word Count (127)
 UserId="43077" Comment="added 118 characters in body" --> Word Count (123)
 UserId="43077" Comment="edited body" --> Word Count (123)
 UserId="924" Comment="edited body" --> Word Count (62)
 UserId="924" Comment="added 185 characters in body; added 104 characters in body" --> Word Count (107)
 UserId="61418" --> Word Count (120)
 UserId="924" Comment="added 131 characters in body" --> Word Count (115)
 UserId="924" Comment="added 181 characters in body" --> Word Count (146)
 UserId="924" Comment="added 132 characters in body" --> Word Count (119)
 UserId="53812" --> Word Count (50)
 UserId="45264" Comment="Added pytorch version and corrected typo" --> Word Count (314)
 UserId="41245" --> Word Count (54)
 UserId="41245" --> Word Count (10)
 UserId="41245" --> Word Count (1)
 UserId="45610" Comment="deleted 400 characters in body" --> Word Count (30)
 UserId="13686" Comment="edited title" --> Word Count (8)
 UserId="45610" Comment="deleted 59 characters in body; edited title" --> Word

Count (23)

UserId="45610" Comment="deleted 59 characters in body; edited title" --> Word Count (16)

UserId="53812" --> Word Count (47)

UserId="53812" --> Word Count (4)

UserId="53812" --> Word Count (1)

UserId="45610" --> Word Count (97)

UserId="45610" --> Word Count (11)

UserId="45610" --> Word Count (1)

UserId="61496" --> Word Count (76)

UserId="61496" --> Word Count (7)

UserId="61496" --> Word Count (1)

UserId="45610" Comment="added 1 character in body" --> Word Count (30)

UserId="8878" --> Word Count (137)

UserId="8878" --> Word Count (97)

UserId="61496" Comment="added 333 characters in body" --> Word Count (128)

UserId="8878" Comment="Forgot to attach the plot!" --> Word Count (344)

UserId="49752" --> Word Count (232)

UserId="49752" --> Word Count (5)

UserId="49752" --> Word Count (1)

UserId="61496" Comment="added 1 character in body" --> Word Count (128)

UserId="14904" --> Word Count (113)

UserId="61501" --> Word Count (74)

UserId="61501" --> Word Count (10)

UserId="61501" --> Word Count (1)

UserId="61501" Comment="added 138 characters in body" --> Word Count (99)

UserId="61486" --> Word Count (128)

UserId="61486" --> Word Count (9)

UserId="61486" --> Word Count (1)

UserId="8878" --> Word Count (548)

UserId="8878" --> Word Count (122)

UserId="60503" --> Word Count (354)

UserId="6550" --> Word Count (345)

UserId="6550" Comment="added 110 characters in body" --> Word Count (364)

UserId="52844" --> Word Count (407)

UserId="52844" --> Word Count (6)

UserId="52844" --> Word Count (1)

UserId="6550" Comment="added 51 characters in body" --> Word Count (373)

UserId="54115" --> Word Count (186)

UserId="54115" --> Word Count (6)

UserId="54115" --> Word Count (1)

UserId="28175" --> Word Count (167)

UserId="29781" Comment="added 319 characters in body" --> Word Count (102)

UserId="28175" Comment="edited tags" --> Word Count (1)

UserId="46740" --> Word Count (96)

UserId="46740" --> Word Count (6)

UserId="46740" --> Word Count (1)

UserId="60003" --> Word Count (41)

UserId="60003" --> Word Count (11)
 UserId="60003" --> Word Count (1)
 UserId="8878" --> Word Count (250)
 UserId="8878" --> Word Count (135)
 UserId="59909" --> Word Count (247)
 UserId="59909" --> Word Count (13)
 UserId="59909" --> Word Count (1)
 UserId="59918" --> Word Count (36)
 UserId="59918" --> Word Count (12)
 UserId="59918" --> Word Count (1)
 UserId="54944" --> Word Count (158)
 UserId="42354" --> Word Count (32)
 UserId="61517" --> Word Count (116)
 UserId="61517" --> Word Count (13)
 UserId="61517" --> Word Count (1)
 UserId="28175" --> Word Count (109)
 UserId="28175" Comment=" " --> Word Count (1)
 UserId="28175" Comment=" " --> Word Count (186)
 UserId="51481" --> Word Count (100)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (85)
 UserId="60003" Comment="edited title" --> Word Count (12)
 UserId="44658" --> Word Count (150)
 UserId="61523" --> Word Count (75)
 UserId="61523" Comment="added 140 characters in body" --> Word Count (97)
 UserId="51969" Text="I am looking for an algorithm that would be able to extract meaningful keyphrases from web articles. Each article has more than 2000 words and information is structured using paragraphs, h1, h2 tags and so on. I would like to find 2-3 word phrases that describe particular content. H1 tag plays an important role since it is like a title, but sometimes the body may contain some important information. I was thinking, that maybe --> Word Count (36)
 UserId="51969" Text=" --> Word Count (5)
 UserId="51969" --> Word Count (1)
 UserId="61523" Comment="added 3 characters in body" --> Word Count (97)
 UserId="25359" --> Word Count (19)
 UserId="61524" Comment="Latex formulas" --> Word Count (325)
 UserId="21" Comment="104" --> Word Count (5)
 UserId="21" Comment="102" --> Word Count (3)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="61530" --> Word Count (57)
 UserId="61530" --> Word Count (19)
 UserId="61530" --> Word Count (1)
 UserId="29587" --> Word Count (81)
 UserId="61530" Comment="added 689 characters in body; edited title" --> Word Count (178)
 UserId="61530" Comment="added 689 characters in body; edited title" --> Word Count (20)
 UserId="61530" Comment="added 8 characters in body" --> Word Count (179)
 UserId="29587" Comment="added 851 characters in body" --> Word Count (200)

UserId="29587" Comment="added 851 characters in body" --> Word Count (195)
 UserId="61530" Comment="edited title" --> Word Count (19)
 UserId="33759" --> Word Count (168)
 UserId="58499" --> Word Count (39)
 UserId="58499" --> Word Count (11)
 UserId="58499" --> Word Count (1)
 UserId="29412" --> Word Count (139)
 UserId="29412" --> Word Count (105)
 UserId="61544" --> Word Count (124)
 UserId="61544" --> Word Count (9)
 UserId="61544" --> Word Count (1)
 UserId="61544" Comment="added 86 characters in body" --> Word Count (126)
 UserId="28175" --> Word Count (182)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="deleted 26 characters in body" --> Word Count (184)
 UserId="60954" --> Word Count (139)
 UserId="61551" --> Word Count (48)
 UserId="61551" --> Word Count (10)
 UserId="61551" --> Word Count (1)
 UserId="61549" --> Word Count (271)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (46)
 UserId="61555" --> Word Count (54)
 UserId="61555" Comment="added 180 characters in body" --> Word Count (82)
 UserId="29575" Comment="Minor formatting" --> Word Count (82)
 UserId="37285" Comment="Corrected Spelling and Highlighted feature E" --> Word Count (407)
 UserId="29575" Comment="Corrected Spelling and Highlighted feature E" --> Word Count (407)
 UserId="61563" --> Word Count (125)
 UserId="61563" --> Word Count (12)
 UserId="61563" --> Word Count (1)
 UserId="18626" --> Word Count (138)
 UserId="59868" --> Word Count (577)
 UserId="59868" --> Word Count (11)
 UserId="59868" --> Word Count (1)
 UserId="59904" --> Word Count (316)
 UserId="59904" --> Word Count (11)
 UserId="59904" --> Word Count (1)
 UserId="59904" Comment="added 225 characters in body" --> Word Count (352)
 UserId="59904" Comment="added 225 characters in body" --> Word Count (5)
 UserId="59904" Comment="added 225 characters in body" --> Word Count (1)
 UserId="61577" --> Word Count (53)
 UserId="61577" --> Word Count (5)
 UserId="61577" --> Word Count (1)
 UserId="28175" --> Word Count (22)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="added 242 characters in body" --> Word Count (64)
 UserId="61580" --> Word Count (100)

UserId="61577" Comment="added 54 characters in body" --> Word Count (61)
 UserId="27983" --> Word Count (234)
 UserId="20492" --> Word Count (1222)
 UserId="47832" --> Word Count (136)
 UserId="27983" Comment="typo" --> Word Count (234)
 UserId="61588" --> Word Count (50)
 UserId="61588" --> Word Count (11)
 UserId="61588" --> Word Count (1)
 UserId="61587" --> Word Count (191)
 UserId="61587" --> Word Count (16)
 UserId="61587" --> Word Count (1)
 UserId="47832" Comment="added 157 characters in body" --> Word Count (156)
 UserId="60550" --> Word Count (29)
 UserId="60550" --> Word Count (10)
 UserId="60550" --> Word Count (1)
 UserId="61418" --> Word Count (46)
 UserId="59868" Comment="updated the code to reflect how splitting is done to get
 _x_train and _x_test" --> Word Count (709)
 UserId="61418" Comment="added 7 characters in body" --> Word Count (46)
 UserId="61418" Comment="deleted 10 characters in body" --> Word Count (49)
 UserId="44456" --> Word Count (551)
 UserId="61378" --> Word Count (61)
 UserId="61378" --> Word Count (12)
 UserId="61378" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="61378" Comment="I removed this "homework" tag. I don't want
 it. I asked this question because I researched some, and I found this
 interesting. because I don't have the idea why it did not work." --> Word Count
 (1)
 UserId="61378" Comment="tried to make the condtion 2 simple " --> Word Count
 (63)
 UserId="61124" --> Word Count (81)
 UserId="61124" --> Word Count (4)
 UserId="61124" --> Word Count (1)
 UserId="61440" --> Word Count (172)
 UserId="61440" --> Word Count (20)
 UserId="61440" --> Word Count (1)
 UserId="18626" Comment="added 87 characters in body" --> Word Count (157)
 UserId="61378" --> Word Count (57)
 UserId="43077" Comment="added 357 characters in body" --> Word Count (179)
 UserId="61601" --> Word Count (76)
 UserId="61601" --> Word Count (12)
 UserId="61601" --> Word Count (1)
 UserId="8878" --> Word Count (46)
 UserId="61606" --> Word Count (63)
 UserId="61606" --> Word Count (13)
 UserId="61606" --> Word Count (1)
 UserId="61606" Comment="added 212 characters in body" --> Word Count (78)

UserId="61544" --> Word Count (220)
 UserId="61544" --> Word Count (7)
 UserId="61544" --> Word Count (1)
 UserId="61612" --> Word Count (62)
 UserId="61612" --> Word Count (19)
 UserId="61612" --> Word Count (1)
 UserId="43077" Comment="added 25 characters in body" --> Word Count (182)
 UserId="61614" --> Word Count (108)
 UserId="61614" --> Word Count (11)
 UserId="61614" --> Word Count (1)
 UserId="38892" --> Word Count (66)
 UserId="57453" --> Word Count (74)
 UserId="57453" --> Word Count (32)
 UserId="57453" --> Word Count (41)
 UserId="57453" --> Word Count (15)
 UserId="57453" Comment="added 390 characters in body; added 27 characters in body" --> Word Count (106)
 UserId="61378" --> Word Count (29)
 UserId="61378" --> Word Count (8)
 UserId="61378" --> Word Count (1)
 UserId="42354" --> Word Count (158)
 UserId="61623" --> Word Count (82)
 UserId="61623" --> Word Count (4)
 UserId="61623" --> Word Count (1)
 UserId="60550" --> Word Count (37)
 UserId="60550" --> Word Count (11)
 UserId="60550" --> Word Count (1)
 UserId="40542" --> Word Count (55)
 UserId="53940" --> Word Count (81)
 UserId="42354" --> Word Count (141)
 UserId="56923" --> Word Count (83)
 UserId="56923" --> Word Count (4)
 UserId="56923" --> Word Count (1)
 UserId="52089" --> Word Count (71)
 UserId="24895" --> Word Count (187)
 UserId="24895" --> Word Count (5)
 UserId="24895" --> Word Count (1)
 UserId="61642" --> Word Count (19)
 UserId="61643" --> Word Count (20)
 UserId="61455" --> Word Count (2509)
 UserId="61455" --> Word Count (6)
 UserId="61455" --> Word Count (1)
 UserId="61455" Comment="deleted 2841 characters in body" --> Word Count (1539)
 UserId="61455" Comment="added 240 characters in body" --> Word Count (1713)
 UserId="29575" Comment="Format code" --> Word Count (28)
 UserId="24847" --> Word Count (46)
 UserId="24847" --> Word Count (14)
 UserId="24847" --> Word Count (1)

UserId="37783" --> Word Count (119)
 UserId="37783" --> Word Count (11)
 UserId="37783" --> Word Count (1)
 UserId="23240" --> Word Count (123)
 UserId="23240" --> Word Count (8)
 UserId="23240" --> Word Count (1)
 UserId="54236" --> Word Count (101)
 UserId="54236" --> Word Count (9)
 UserId="54236" --> Word Count (1)
 UserId="58750" --> Word Count (467)
 UserId="58750" --> Word Count (7)
 UserId="58750" --> Word Count (1)
 --> Word Count (312)
 --> Word Count (312)
 UserId="42354" Comment="if i == 0: instead of if i = 0:" --> Word Count (141)
 UserId="49752" --> Word Count (127)
 UserId="49752" --> Word Count (7)
 UserId="49752" --> Word Count (1)
 UserId="49700" --> Word Count (110)
 UserId="61523" --> Word Count (187)
 UserId="49700" Comment="edited body" --> Word Count (109)
 UserId="61662" --> Word Count (126)
 UserId="61662" --> Word Count (6)
 UserId="61662" --> Word Count (1)
 UserId="34057" --> Word Count (116)
 UserId="34057" --> Word Count (13)
 UserId="34057" --> Word Count (1)
 UserId="57453" --> Word Count (95)
 UserId="61663" --> Word Count (172)
 UserId="61663" --> Word Count (11)
 UserId="61663" --> Word Count (1)
 UserId="61662" Comment="added 1 character in body" --> Word Count (126)
 UserId="50363" --> Word Count (15)
 UserId="57453" --> Word Count (105)
 UserId="37285" Comment="Corrected spelling and spaces." --> Word Count (172)
 UserId="29575" Comment="Corrected spelling and spaces." --> Word Count (172)
 UserId="57453" Comment="added 456 characters in body" --> Word Count (163)
 UserId="37285" --> Word Count (24)
 UserId="50363" Comment="LaTeX'd and gave some space to the equations for readability" --> Word Count (125)
 UserId="50363" Comment="LaTeX'd and gave some space to the equations for readability" --> Word Count (7)
 UserId="37285" --> Word Count (42)
 UserId="58488" --> Word Count (62)
 UserId="58488" Comment="edited body" --> Word Count (62)
 UserId="17020" --> Word Count (54)
 UserId="26019" Comment="edited body" --> Word Count (186)
 UserId="29575" Comment="edited body" --> Word Count (185)

UserId="61563" --> Word Count (63)
UserId="58488" Comment="added 17 characters in body" --> Word Count (65)
UserId="57453" --> Word Count (135)
UserId="21" Comment="102" --> Word Count (3)
UserId="21" Comment="102" --> Word Count (4)
UserId="21" Comment="102" --> Word Count (3)
UserId="21" Comment="102" --> Word Count (3)
UserId="21" Comment="103" --> Word Count (2)
UserId="57453" --> Word Count (105)
UserId="29587" --> Word Count (130)
UserId="61675" --> Word Count (144)
UserId="61675" --> Word Count (14)
UserId="61675" --> Word Count (1)
UserId="3314" --> Word Count (127)
UserId="3314" --> Word Count (11)
UserId="3314" --> Word Count (1)
UserId="35644" --> Word Count (60)
UserId="35644" Comment="added 336 characters in body" --> Word Count (104)
UserId="61680" --> Word Count (57)
UserId="61680" --> Word Count (8)
UserId="61680" --> Word Count (1)
UserId="60665" --> Word Count (61)
UserId="60665" --> Word Count (17)
UserId="60665" --> Word Count (1)
UserId="61621" --> Word Count (87)
UserId="61621" --> Word Count (9)
UserId="61621" --> Word Count (1)
UserId="57453" --> Word Count (283)
UserId="58750" Comment="typo correction" --> Word Count (467)
UserId="18150" --> Word Count (106)
UserId="61688" --> Word Count (450)
UserId="61688" --> Word Count (10)
UserId="61688" --> Word Count (1)
UserId="57453" Comment="added 61 characters in body" --> Word Count (152)
UserId="61687" --> Word Count (177)
UserId="8878" --> Word Count (162)
UserId="8878" Comment="Completing and correcting answer" --> Word Count (174)
UserId="29068" --> Word Count (48)
UserId="40285" --> Word Count (134)
UserId="59758" --> Word Count (853)
UserId="59758" --> Word Count (9)
UserId="59758" --> Word Count (1)
UserId="59758" Comment="[Edit removed during grace period]" --> Word Count (853)
UserId="61706" --> Word Count (22)
UserId="61706" --> Word Count (6)
UserId="61706" --> Word Count (1)
UserId="61681" --> Word Count (66)

UserId="61681" --> Word Count (16)
UserId="61681" --> Word Count (1)
UserId="61713" --> Word Count (144)
UserId="61713" --> Word Count (8)
UserId="61713" --> Word Count (1)
UserId="8878" --> Word Count (193)
UserId="61713" Comment="added 474 characters in body" --> Word Count (324)
UserId="23240" --> Word Count (202)
UserId="57233" --> Word Count (279)
UserId="57233" --> Word Count (17)
UserId="57233" --> Word Count (1)
UserId="61713" Comment="added 659 characters in body" --> Word Count (432)
UserId="47783" --> Word Count (159)
UserId="47783" --> Word Count (4)
UserId="47783" --> Word Count (1)
UserId="54944" --> Word Count (265)
UserId="52106" --> Word Count (231)
UserId="52106" --> Word Count (13)
UserId="52106" --> Word Count (1)
UserId="61718" --> Word Count (138)
UserId="61718" --> Word Count (11)
UserId="61718" --> Word Count (1)
UserId="56233" --> Word Count (59)
UserId="56233" --> Word Count (10)
UserId="56233" --> Word Count (1)
UserId="57453" Comment="deleted 155 characters in body" --> Word Count (158)
UserId="28175" --> Word Count (97)
UserId="28175" Comment="deleted 23 characters in body; edited tags" --> Word Count (61)
UserId="28175" Comment="deleted 23 characters in body; edited tags" --> Word Count (1)
UserId="61717" --> Word Count (276)
UserId="61717" --> Word Count (5)
UserId="61717" --> Word Count (1)
UserId="21" Comment="102" --> Word Count (5)
UserId="52106" Comment="updated training setup " --> Word Count (231)
UserId="43077" --> Word Count (75)
UserId="43077" Comment="added 6 characters in body" --> Word Count (245)
UserId="43077" Comment="fixed the table" --> Word Count (315)
UserId="59521" --> Word Count (124)
UserId="57453" --> Word Count (458)
UserId="45264" --> Word Count (318)
UserId="57453" --> Word Count (97)
UserId="57453" --> Word Count (128)
UserId="57453" --> Word Count (276)
UserId="29575" Comment="Minor formatting" --> Word Count (130)
UserId="49700" --> Word Count (27)
UserId="61156" --> Word Count (868)

UserId="61156" --> Word Count (6)
UserId="61156" --> Word Count (1)
UserId="61156" Comment="edited title" --> Word Count (9)
UserId="42498" Comment="Title Typo" --> Word Count (11)
UserId="29575" Comment="Title Typo" --> Word Count (283)
UserId="61744" --> Word Count (439)
UserId="61744" --> Word Count (17)
UserId="61744" --> Word Count (1)
UserId="61744" Comment="added 170 characters in body" --> Word Count (471)
UserId="58837" --> Word Count (29)
UserId="58837" --> Word Count (52)
UserId="61676" --> Word Count (604)
UserId="61676" --> Word Count (13)
UserId="61676" --> Word Count (1)
UserId="35826" --> Word Count (99)
UserId="35826" --> Word Count (9)
UserId="35826" --> Word Count (1)
UserId="61621" Comment="added 5 characters in body; edited title" --> Word Count (87)
UserId="61621" Comment="added 5 characters in body; edited title" --> Word Count (13)
UserId="25905" --> Word Count (111)
UserId="25905" --> Word Count (8)
UserId="25905" --> Word Count (1)
UserId="57453" Comment="added 1343 characters in body" --> Word Count (349)
UserId="61757" --> Word Count (194)
UserId="61757" --> Word Count (6)
UserId="61757" --> Word Count (1)
UserId="57233" --> Word Count (65)
UserId="54820" --> Word Count (259)
UserId="54820" --> Word Count (8)
UserId="54820" --> Word Count (1)
UserId="61758" --> Word Count (100)
UserId="61758" --> Word Count (11)
UserId="61758" --> Word Count (1)
UserId="61756" --> Word Count (117)
UserId="61756" --> Word Count (7)
UserId="61756" --> Word Count (1)
UserId="51714" --> Word Count (88)
UserId="51714" --> Word Count (6)
UserId="51714" --> Word Count (1)
UserId="60620" --> Word Count (43)
UserId="60620" --> Word Count (9)
UserId="60620" --> Word Count (1)
UserId="60503" --> Word Count (109)
UserId="45679" --> Word Count (165)
UserId="45679" --> Word Count (16)
UserId="45679" --> Word Count (1)

UserId="61776" --> Word Count (1)
 UserId="60381" Comment="Improved formatted" --> Word Count (115)
 UserId="29575" Comment="Improved formatted" --> Word Count (116)
 UserId="45264" --> Word Count (153)
 UserId="2932" --> Word Count (120)
 UserId="57416" --> Word Count (87)
 UserId="59252" --> Word Count (121)
 UserId="2932" Comment="added 2 characters in body" --> Word Count (120)
 UserId="2932" --> Word Count (127)
 UserId="57453" Comment="Changes according to comment" --> Word Count (265)
 UserId="59252" --> Word Count (122)
 UserId="59252" --> Word Count (5)
 UserId="59252" --> Word Count (1)
 UserId="61406" --> Word Count (129)
 UserId="57453" --> Word Count (33)
 UserId="57453" Comment="added 1539 characters in body" --> Word Count (296)
 UserId="61782" --> Word Count (37)
 UserId="61782" --> Word Count (19)
 UserId="61782" --> Word Count (1)
 UserId="57453" Comment="Changes according to comment" --> Word Count (304)
 UserId="61787" --> Word Count (89)
 UserId="8820" Comment="edited title" --> Word Count (9)
 UserId="26019" Comment="edited body" --> Word Count (107)
 UserId="57453" --> Word Count (121)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (99)
 UserId="23159" --> Word Count (40)
 UserId="61563" --> Word Count (116)
 UserId="34153" --> Word Count (58)
 UserId="58949" --> Word Count (107)
 UserId="58949" --> Word Count (4)
 UserId="58949" --> Word Count (1)
 UserId="54944" --> Word Count (56)
 UserId="61796" --> Word Count (168)
 UserId="57453" --> Word Count (52)
 UserId="57453" --> Word Count (116)
 UserId="61676" --> Word Count (54)
 UserId="61800" --> Word Count (272)
 UserId="61800" --> Word Count (9)
 UserId="61800" --> Word Count (1)
 UserId="51129" --> Word Count (98)
 UserId="51129" --> Word Count (5)
 UserId="51129" --> Word Count (1)
 UserId="57453" Comment="added 1375 characters in body" --> Word Count (501)
 UserId="60954" --> Word Count (66)
 UserId="10588" --> Word Count (607)
 UserId="51129" Comment="added 2 characters in body" --> Word Count (98)
 UserId="10588" Comment="added 5 characters in body" --> Word Count (608)
 UserId="45907" --> Word Count (44)

UserId="45907" --> Word Count (6)
UserId="45907" --> Word Count (1)
UserId="61809" --> Word Count (352)
UserId="61809" --> Word Count (6)
UserId="61809" --> Word Count (1)
UserId="50534" --> Word Count (25)
UserId="50534" --> Word Count (66)
UserId="49700" Comment="added 86 characters in body" --> Word Count (41)
UserId="61406" Comment="via Vote" --> Word Count (2)
UserId="61406" --> Word Count (2)
UserId="61744" --> Word Count (237)
UserId="61744" --> Word Count (13)
UserId="61744" --> Word Count (1)
UserId="61406" --> Word Count (87)
UserId="61406" Comment="added 59 characters in body" --> Word Count (94)
UserId="29587" --> Word Count (110)
UserId="29587" --> Word Count (221)
UserId="61817" --> Word Count (71)
UserId="61817" --> Word Count (2)
UserId="61817" --> Word Count (1)
UserId="29587" --> Word Count (676)
UserId="29587" --> Word Count (69)
UserId="29587" Comment="added 8 characters in body" --> Word Count (678)
UserId="61821" --> Word Count (26)
UserId="57453" --> Word Count (22)
UserId="42772" --> Word Count (176)
UserId="42772" --> Word Count (12)
UserId="42772" --> Word Count (1)
UserId="60724" --> Word Count (131)
UserId="42772" --> Word Count (164)
UserId="42772" --> Word Count (7)
UserId="42772" --> Word Count (1)
UserId="57233" --> Word Count (42)
UserId="61261" --> Word Count (52)
UserId="61261" --> Word Count (7)
UserId="61261" --> Word Count (1)
UserId="61840" --> Word Count (114)
UserId="61840" --> Word Count (5)
UserId="61840" --> Word Count (1)
UserId="57453" Comment="Added tags" --> Word Count (1)
UserId="61840" Comment="added 4 characters in body" --> Word Count (115)
UserId="61841" --> Word Count (53)
UserId="61841" --> Word Count (6)
UserId="61841" --> Word Count (1)
UserId="61601" --> Word Count (300)
UserId="61601" --> Word Count (9)
UserId="61601" --> Word Count (1)
UserId="2932" Comment="added 96 characters in body" --> Word Count (143)

UserId="2932" --> Word Count (79)
 UserId="2932" --> Word Count (91)
 UserId="47359" --> Word Count (1236)
 UserId="47359" --> Word Count (8)
 UserId="47359" --> Word Count (1)
 UserId="61843" --> Word Count (327)
 UserId="61843" --> Word Count (11)
 UserId="61843" --> Word Count (1)
 UserId="61601" Comment="Added how I normalized data." --> Word Count (842)
 UserId="61843" Comment="added 210 characters in body" --> Word Count (354)
 UserId="45221" --> Word Count (112)
 UserId="34153" --> Word Count (14)
 UserId="61844" --> Word Count (90)
 UserId="61844" --> Word Count (12)
 UserId="61844" --> Word Count (1)
 UserId="10588" Comment="added 4 characters in body" --> Word Count (609)
 UserId="43077" Comment="added 332 characters in body" --> Word Count (267)
 UserId="23305" Comment="edited title" --> Word Count (6)
 UserId="9609" --> Word Count (89)
 UserId="9609" --> Word Count (10)
 UserId="9609" --> Word Count (1)
 UserId="33163" --> Word Count (502)
 UserId="33163" --> Word Count (11)
 UserId="33163" --> Word Count (1)
 UserId="2932" Comment="added 138 characters in body" --> Word Count (121)
 UserId="51361" --> Word Count (172)
 UserId="23240" --> Word Count (50)
 UserId="27983" --> Word Count (86)
 UserId="27983" --> Word Count (10)
 UserId="27983" --> Word Count (1)
 UserId="61850" --> Word Count (301)
 UserId="61850" --> Word Count (15)
 UserId="61850" --> Word Count (1)
 UserId="35644" --> Word Count (98)
 UserId="35644" Comment="added 30 characters in body; deleted 6 characters in body; added 23 characters in body" --> Word Count (129)
 UserId="35644" Comment="added 23 characters in body; edited body; added 112 characters in body; added 1 character in body" --> Word Count (114)
 UserId="32882" --> Word Count (134)
 UserId="32882" --> Word Count (7)
 UserId="32882" --> Word Count (1)
 UserId="61661" --> Word Count (121)
 UserId="61661" --> Word Count (4)
 UserId="61661" --> Word Count (1)
 UserId="61623" Comment="found solution" --> Word Count (128)
 UserId="50870" --> Word Count (31)
 UserId="29575" Comment="Minor grammar" --> Word Count (30)
 UserId="61850" Comment="minor correction of the example" --> Word Count (300)

UserId="61868" --> Word Count (222)
 UserId="61868" --> Word Count (6)
 UserId="61868" --> Word Count (1)
 UserId="45916" --> Word Count (335)
 UserId="45916" --> Word Count (10)
 UserId="45916" --> Word Count (1)
 UserId="45916" Comment="edited tags" --> Word Count (1)
 UserId="2932" --> Word Count (99)
 UserId="2932" --> Word Count (55)
 UserId="2932" Comment="added 350 characters in body; added 173 characters in body; added 9 characters in body" --> Word Count (137)
 UserId="33163" Comment="updated the code" --> Word Count (663)
 UserId="61880" --> Word Count (39)
 UserId="61880" --> Word Count (12)
 UserId="61880" --> Word Count (1)
 UserId="61883" --> Word Count (112)
 UserId="61883" --> Word Count (22)
 UserId="61883" --> Word Count (1)
 UserId="53986" --> Word Count (218)
 UserId="53986" --> Word Count (13)
 UserId="53986" --> Word Count (1)
 UserId="57731" --> Word Count (1555)
 UserId="57731" --> Word Count (9)
 UserId="57731" --> Word Count (1)
 UserId="51369" --> Word Count (42)
 UserId="51369" --> Word Count (10)
 UserId="51369" --> Word Count (1)
 UserId="51369" Comment="added coded snippet" --> Word Count (72)
 UserId="61893" --> Word Count (230)
 UserId="61893" Comment="added 184 characters in body" --> Word Count (224)
 UserId="61893" Comment="added 184 characters in body" --> Word Count (236)
 UserId="61895" --> Word Count (115)
 UserId="57233" --> Word Count (138)
 UserId="-1" Comment="104" --> Word Count (6)
 UserId="836" --> Word Count (189)
 UserId="51369" Comment="more clarity" --> Word Count (78)
 UserId="53372" --> Word Count (99)
 UserId="51369" Comment="added one more question ass follow-up" --> Word Count (106)
 UserId="61895" Comment="added 176 characters in body" --> Word Count (146)
 UserId="8878" --> Word Count (94)
 UserId="8878" Comment="Question is not about Numpy. The general answer can be implemented using any tools." --> Word Count (7)
 UserId="8878" Comment="Question is not about Numpy. The general answer can be implemented using any tools." --> Word Count (1)
 UserId="58789" --> Word Count (142)
 UserId="39706" --> Word Count (28)
 UserId="8878" --> Word Count (151)

UserId="39706" --> Word Count (30)
UserId="836" Comment="added 357 characters in body" --> Word Count (249)
UserId="39706" --> Word Count (26)
UserId="61752" --> Word Count (89)
UserId="61752" Comment="added 258 characters in body" --> Word Count (126)
UserId="8878" --> Word Count (328)
UserId="61903" --> Word Count (228)
UserId="61903" Comment="edited body" --> Word Count (228)
UserId="57233" --> Word Count (24)
UserId="61903" Comment="added 308 characters in body" --> Word Count (228)
UserId="51868" --> Word Count (92)
UserId="2932" --> Word Count (116)
UserId="2932" --> Word Count (90)
UserId="2932" --> Word Count (83)
UserId="2932" Comment="edited body" --> Word Count (83)
UserId="50098" --> Word Count (75)
UserId="50098" --> Word Count (10)
UserId="50098" --> Word Count (1)
UserId="51369" --> Word Count (107)
UserId="61023" --> Word Count (230)
UserId="61903" Comment="deleted 2 characters in body" --> Word Count (228)
UserId="21749" --> Word Count (41)
UserId="57416" --> Word Count (178)
UserId="61903" Comment="deleted 2 characters in body" --> Word Count (228)
UserId="2932" Comment="edited body" --> Word Count (116)
UserId="61023" Comment="added a simple explanation about high and low values"
--> Word Count (276)
UserId="54944" --> Word Count (92)
UserId="61916" --> Word Count (179)
UserId="61916" --> Word Count (23)
UserId="61916" --> Word Count (1)
UserId="58837" --> Word Count (36)
UserId="40665" --> Word Count (68)
UserId="40665" --> Word Count (7)
UserId="40665" --> Word Count (1)
UserId="40665" Comment="edited title" --> Word Count (19)
UserId="25673" --> Word Count (74)
UserId="25673" Comment="Change of notebook hosting" --> Word Count (54)
UserId="51007" --> Word Count (99)
UserId="51007" --> Word Count (5)
UserId="51007" --> Word Count (1)
UserId="61936" --> Word Count (98)
UserId="45264" --> Word Count (356)
UserId="61941" --> Word Count (113)
UserId="29575" Comment="Minor formatting" --> Word Count (96)
UserId="54820" --> Word Count (127)
UserId="54820" --> Word Count (6)
UserId="54820" --> Word Count (1)

UserId="61952" --> Word Count (16)
 UserId="61952" --> Word Count (5)
 UserId="61952" --> Word Count (1)
 UserId="61450" --> Word Count (42)
 UserId="45907" --> Word Count (18)
 UserId="45907" --> Word Count (5)
 UserId="45907" --> Word Count (1)
 UserId="58438" --> Word Count (136)
 UserId="58438" --> Word Count (7)
 UserId="58438" --> Word Count (1)
 UserId="61936" --> Word Count (34)
 UserId="61936" Comment="added 134 characters in body" --> Word Count (43)
 UserId="21749" --> Word Count (24)
 UserId="29587" Comment="added 1950 characters in body" --> Word Count (591)
 UserId="45264" Comment="Added more explanation and images for dummy example"
 --> Word Count (628)
 UserId="45264" Comment="Altered title as the question is more general that just
 for U-Net architectures" --> Word Count (6)
 UserId="29587" --> Word Count (20)
 UserId="9497" Comment="added 547 characters in body" --> Word Count (195)
 UserId="61903" --> Word Count (124)
 UserId="61903" Comment="added 203 characters in body" --> Word Count (167)
 UserId="21749" --> Word Count (21)
 UserId="21749" --> Word Count (25)
 UserId="49700" --> Word Count (62)
 UserId="49700" --> Word Count (4)
 UserId="49700" --> Word Count (1)
 UserId="39061" --> Word Count (12)
 UserId="61903" --> Word Count (183)
 UserId="29575" Comment="Add link" --> Word Count (12)
 UserId="49332" --> Word Count (235)
 UserId="49332" --> Word Count (6)
 UserId="49332" --> Word Count (1)
 UserId="61903" Comment="added 174 characters in body" --> Word Count (212)
 UserId="51361" --> Word Count (281)
 UserId="9497" Comment="edited body" --> Word Count (195)
 UserId="61903" Comment="added 58 characters in body" --> Word Count (222)
 UserId="45264" Comment="fixed randomly generated array to match images " -->
 Word Count (628)
 UserId="29575" Comment="Minor grammar" --> Word Count (278)
 UserId="49332" Comment="deleted 74 characters in body" --> Word Count (228)
 UserId="51106" --> Word Count (275)
 UserId="51106" --> Word Count (5)
 UserId="51106" --> Word Count (1)
 UserId="61887" --> Word Count (681)
 UserId="61887" --> Word Count (15)
 UserId="61887" --> Word Count (1)
 UserId="61964" --> Word Count (105)

UserId="61964" --> Word Count (11)
 UserId="61964" --> Word Count (1)
 UserId="61964" Comment="via Vote" --> Word Count (3)
 UserId="61964" --> Word Count (3)
 UserId="38892" --> Word Count (184)
 UserId="31718" --> Word Count (102)
 UserId="21749" --> Word Count (71)
 UserId="51467" --> Word Count (228)
 UserId="58560" Comment="Edit question title to (1) remove a misspelling and (2) make it more readable." --> Word Count (9)
 UserId="61587" --> Word Count (131)
 UserId="61587" --> Word Count (8)
 UserId="61587" --> Word Count (1)
 UserId="44557" --> Word Count (166)
 UserId="44557" --> Word Count (5)
 UserId="44557" --> Word Count (1)
 UserId="17613" --> Word Count (231)
 UserId="8517" --> Word Count (97)
 UserId="61706" Comment="added 2193 characters in body" --> Word Count (561)
 UserId="61941" Comment="added 530 characters in body" --> Word Count (183)
 UserId="54115" --> Word Count (60)
 UserId="54115" --> Word Count (4)
 UserId="54115" --> Word Count (1)
 UserId="54115" Comment="edited body" --> Word Count (60)
 UserId="26019" Comment="edited body" --> Word Count (45)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21462" Comment="Unnecessary info" --> Word Count (267)
 UserId="61936" --> Word Count (15)
 UserId="61936" Comment="added 63 characters in body" --> Word Count (15)
 UserId="61936" --> Word Count (43)
 UserId="37172" Comment="added 7 characters in body" --> Word Count (325)
 UserId="41874" --> Word Count (24)
 UserId="29575" Comment="Minor formatting" --> Word Count (26)
 UserId="29575" Comment="Minor formatting" --> Word Count (148)
 UserId="9497" Comment="added 160 characters in body" --> Word Count (220)
 UserId="924" --> Word Count (132)
 UserId="51129" --> Word Count (222)
 UserId="51129" --> Word Count (11)
 UserId="51129" --> Word Count (1)
 UserId="61991" --> Word Count (173)
 UserId="61991" --> Word Count (9)
 UserId="61991" --> Word Count (1)
 UserId="49700" --> Word Count (46)
 UserId="49700" --> Word Count (4)
 UserId="49700" --> Word Count (1)
 UserId="49456" Text="In a deep learning network (CNN or RNN), we might use word embeddings such as Fast --> Word Count (154)

UserId="49456" --> Word Count (10)
UserId="49456" --> Word Count (1)
UserId="61993" --> Word Count (14)
UserId="41874" Comment="edited body" --> Word Count (26)
UserId="61903" --> Word Count (101)
UserId="49332" Comment="edited code " --> Word Count (291)
UserId="61997" --> Word Count (90)
UserId="45264" --> Word Count (174)
UserId="9497" Comment="added 702 characters in body" --> Word Count (335)
UserId="29575" Comment="Add link" --> Word Count (14)
UserId="16218" --> Word Count (269)
UserId="16218" --> Word Count (6)
UserId="16218" --> Word Count (1)
UserId="49332" Comment="added 27 characters in body" --> Word Count (294)
UserId="51129" Comment="edited title" --> Word Count (7)
UserId="49332" Comment="deleted 4 characters in body" --> Word Count (294)
UserId="49332" --> Word Count (49)
UserId="54115" --> Word Count (125)
UserId="54115" --> Word Count (7)
UserId="54115" --> Word Count (1)
UserId="49332" Comment="increased the iterations" --> Word Count (294)
UserId="21749" --> Word Count (77)
UserId="41591" --> Word Count (32)
UserId="41591" --> Word Count (11)
UserId="41591" --> Word Count (1)
UserId="15569" --> Word Count (70)
UserId="61997" Comment="added 700 characters in body" --> Word Count (182)
UserId="62006" --> Word Count (104)
UserId="62006" --> Word Count (13)
UserId="62006" --> Word Count (1)
UserId="61563" --> Word Count (117)
UserId="61936" --> Word Count (233)
UserId="45907" --> Word Count (560)
UserId="45907" --> Word Count (4)
UserId="45907" --> Word Count (1)
UserId="61936" --> Word Count (121)
UserId="61941" --> Word Count (259)
UserId="41591" --> Word Count (31)
UserId="61952" --> Word Count (119)
UserId="61952" --> Word Count (9)
UserId="61952" --> Word Count (1)
UserId="62033" --> Word Count (196)
UserId="62033" --> Word Count (12)
UserId="62033" --> Word Count (1)
UserId="45166" --> Word Count (39)
UserId="59171" --> Word Count (114)
UserId="59171" --> Word Count (8)
UserId="59171" --> Word Count (1)

UserId="51129" --> Word Count (48)
 UserId="51129" --> Word Count (6)
 UserId="51129" --> Word Count (1)
 UserId="50098" Comment="deleted 130 characters in body" --> Word Count (52)
 UserId="62050" --> Word Count (30)
 UserId="62050" --> Word Count (11)
 UserId="62050" --> Word Count (1)
 UserId="17020" --> Word Count (60)
 UserId="62051" --> Word Count (204)
 UserId="8878" --> Word Count (315)
 UserId="51129" Comment="added 24 characters in body" --> Word Count (49)
 UserId="62052" --> Word Count (197)
 UserId="62052" --> Word Count (4)
 UserId="62052" --> Word Count (1)
 UserId="62053" --> Word Count (79)
 UserId="62051" Comment="added 340 characters in body" --> Word Count (261)
 UserId="29575" Comment="Minor formatting" --> Word Count (76)
 UserId="62053" Comment="added 11 characters in body" --> Word Count (77)
 UserId="62048" --> Word Count (197)
 UserId="61998" --> Word Count (91)
 UserId="61998" --> Word Count (7)
 UserId="61998" --> Word Count (1)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (194)
 UserId="2932" --> Word Count (91)
 UserId="57731" --> Word Count (555)
 UserId="57731" --> Word Count (9)
 UserId="57731" --> Word Count (1)
 UserId="61998" Comment="edited tags" --> Word Count (1)
 UserId="52206" --> Word Count (50)
 UserId="52206" --> Word Count (9)
 UserId="52206" --> Word Count (1)
 UserId="62065" --> Word Count (126)
 UserId="62065" --> Word Count (10)
 UserId="62065" --> Word Count (1)
 UserId="60869" Comment="via Vote" --> Word Count (1)
 UserId="60869" --> Word Count (1)
 UserId="10640" Comment="Presentation of the answer improved and typos fixed."
 --> Word Count (257)
 UserId="1029" --> Word Count (75)
 UserId="43294" --> Word Count (72)
 UserId="60954" --> Word Count (122)
 UserId="60954" --> Word Count (74)
 UserId="61956" Comment="Clarified question" --> Word Count (7)
 UserId="836" --> Word Count (470)
 UserId="1029" --> Word Count (66)
 UserId="57731" Comment="added 237 characters in body" --> Word Count (588)
 UserId="1029" --> Word Count (52)
 UserId="60574" --> Word Count (109)

UserId="60574" --> Word Count (11)
 UserId="60574" --> Word Count (1)
 UserId="49700" --> Word Count (44)
 UserId="49700" --> Word Count (5)
 UserId="49700" --> Word Count (1)
 UserId="27665" --> Word Count (60)
 UserId="9648" --> Word Count (65)
 UserId="9648" --> Word Count (21)
 UserId="9648" --> Word Count (1)
 UserId="27665" Comment="added 272 characters in body" --> Word Count (105)
 UserId="27665" Comment="added 2 characters in body" --> Word Count (105)
 UserId="60503" --> Word Count (134)
 UserId="62071" --> Word Count (123)
 UserId="62071" --> Word Count (8)
 UserId="62071" --> Word Count (1)
 UserId="62072" --> Word Count (122)
 UserId="62072" --> Word Count (11)
 UserId="62072" --> Word Count (1)
 UserId="44708" --> Word Count (101)
 UserId="21232" --> Word Count (79)
 UserId="21232" --> Word Count (13)
 UserId="21232" --> Word Count (1)
 UserId="42325" --> Word Count (119)
 UserId="42325" --> Word Count (8)
 UserId="42325" --> Word Count (1)
 UserId="50363" --> Word Count (294)
 UserId="50363" --> Word Count (91)
 UserId="17020" --> Word Count (145)
 UserId="62025" --> Word Count (193)
 UserId="23305" --> Word Count (158)
 UserId="50363" Comment="fix typo" --> Word Count (296)
 UserId="62050" Comment="added 1440 characters in body; edited tags" --> Word Count (263)
 UserId="62050" Comment="added 1440 characters in body; edited tags" --> Word Count (1)
 UserId="62050" Comment="added 1440 characters in body; edited tags" --> Word Count (17)
 UserId="62078" --> Word Count (64)
 UserId="62078" --> Word Count (22)
 UserId="62078" --> Word Count (1)
 UserId="61563" --> Word Count (94)
 UserId="61563" Comment="Adding further tags." --> Word Count (1)
 UserId="29575" Comment="Adding further tags." --> Word Count (60)
 UserId="62077" --> Word Count (47)
 UserId="62077" --> Word Count (13)
 UserId="62077" --> Word Count (1)
 UserId="61880" --> Word Count (21)
 UserId="61880" Comment="added 205 characters in body" --> Word Count (82)

UserId="61941" Comment="added 144 characters in body" --> Word Count (206)
 UserId="62082" --> Word Count (43)
 UserId="62082" --> Word Count (11)
 UserId="62082" --> Word Count (1)
 UserId="61941" Comment="added 923 characters in body" --> Word Count (410)
 UserId="61941" Comment="added 360 characters in body" --> Word Count (265)
 UserId="61880" --> Word Count (43)
 UserId="61941" Comment="added 923 characters in body" --> Word Count (436)
 UserId="61941" Comment="added 360 characters in body" --> Word Count (331)
 UserId="62083" --> Word Count (274)
 UserId="62083" --> Word Count (8)
 UserId="62083" --> Word Count (1)
 UserId="62077" --> Word Count (83)
 UserId="9648" Comment="Fixed grammar, added tag" --> Word Count (64)
 UserId="9648" Comment="Fixed grammar, added tag" --> Word Count (21)
 UserId="9648" Comment="Fixed grammar, added tag" --> Word Count (1)
 UserId="62085" --> Word Count (52)
 UserId="62085" --> Word Count (16)
 UserId="62085" --> Word Count (1)
 UserId="61406" Comment="added 13 characters in body" --> Word Count (97)
 UserId="61674" --> Word Count (501)
 UserId="61674" --> Word Count (9)
 UserId="61674" --> Word Count (1)
 UserId="61689" --> Word Count (525)
 UserId="61689" --> Word Count (10)
 UserId="61689" --> Word Count (1)
 UserId="59783" --> Word Count (100)
 UserId="62093" --> Word Count (746)
 UserId="62093" --> Word Count (6)
 UserId="62093" --> Word Count (1)
 UserId="62093" --> Word Count (48)
 UserId="62093" Comment="via Vote" --> Word Count (3)
 UserId="62093" --> Word Count (3)
 UserId="57731" --> Word Count (28)
 UserId="57731" --> Word Count (12)
 UserId="57731" --> Word Count (1)
 UserId="15241" --> Word Count (97)
 UserId="15241" --> Word Count (4)
 UserId="15241" --> Word Count (1)
 UserId="15241" Comment="deleted 9 characters in body" --> Word Count (96)
 UserId="2523" Comment="Copy edited (e.g. ref.
 <http://en.wikipedia.org/wiki/Application_programming_interface>). In
 English, the subjective form of the singular first-person pronoun,
 "I", is capitalized, along with all its contractions such as I'll and
 I'm." --> Word Count (46)
 UserId="2523" Comment="Copy edited (e.g. ref.
 <http://en.wikipedia.org/wiki/Application_programming_interface>). In
 English, the subjective form of the singular first-person pronoun,

"I", is capitalized, along with all its contractions such as I'll and I'm." --> Word Count (13)

UserId="49700" --> Word Count (81)

UserId="49700" --> Word Count (6)

UserId="49700" --> Word Count (1)

UserId="62065" Comment="better explaining" --> Word Count (131)

UserId="62065" Comment="added 13 characters in body" --> Word Count (132)

UserId="62097" --> Word Count (77)

UserId="28035" --> Word Count (210)

UserId="62104" --> Word Count (96)

UserId="62104" --> Word Count (6)

UserId="62104" --> Word Count (1)

UserId="62106" --> Word Count (45)

UserId="62106" --> Word Count (8)

UserId="62106" --> Word Count (1)

UserId="18619" --> Word Count (53)

UserId="18619" --> Word Count (9)

UserId="18619" --> Word Count (1)

UserId="61880" --> Word Count (65)

UserId="61956" Comment="Clarified question" --> Word Count (16)

UserId="47485" --> Word Count (71)

UserId="60954" Comment="added 97 characters in body" --> Word Count (91)

UserId="28035" Comment="fixed formatting; added relevant tag; removed irrelevant tag" --> Word Count (33)

UserId="28035" Comment="fixed formatting; added relevant tag; removed irrelevant tag" --> Word Count (1)

UserId="54188" --> Word Count (247)

UserId="54188" --> Word Count (6)

UserId="54188" --> Word Count (1)

UserId="62081" --> Word Count (47)

UserId="62081" --> Word Count (13)

UserId="62081" --> Word Count (1)

UserId="62107" --> Word Count (232)

UserId="62107" --> Word Count (7)

UserId="62107" --> Word Count (1)

UserId="61765" --> Word Count (112)

UserId="62082" --> Word Count (67)

UserId="62107" Comment="edited title" --> Word Count (9)

UserId="1029" --> Word Count (124)

UserId="7812" --> Word Count (144)

UserId="7812" --> Word Count (6)

UserId="7812" --> Word Count (1)

UserId="60381" --> Word Count (72)

UserId="44708" --> Word Count (49)

UserId="45166" --> Word Count (70)

UserId="61956" Comment="Clarified question" --> Word Count (10)

UserId="29575" Comment="Clarified question" --> Word Count (76)

UserId="29575" Comment="Remove extra commentary" --> Word Count (101)

UserId="29575" Comment="Minor grammar" --> Word Count (50)
 UserId="38892" --> Word Count (60)
 UserId="60967" --> Word Count (97)
 UserId="60967" --> Word Count (6)
 UserId="60967" --> Word Count (1)
 UserId="56718" --> Word Count (42)
 UserId="2523" Comment="Copy edited (e.g. ref.
 <http://en.wikipedia.org/wiki/Application_programming_interface>). Removed
 meta information (this belongs in comments to the question - this is not a
 forum)." --> Word Count (73)
 UserId="8041" --> Word Count (98)
 UserId="8041" --> Word Count (56)
 UserId="23159" --> Word Count (99)
 UserId="62104" Comment="added 142 characters in body" --> Word Count (121)
 UserId="62130" --> Word Count (69)
 UserId="62130" --> Word Count (4)
 UserId="62130" --> Word Count (1)
 UserId="23159" --> Word Count (143)
 UserId="21" Comment="104" --> Word Count (5)
 UserId="9802" Comment="deleted 3 characters in body" --> Word Count (39)
 UserId="26562" --> Word Count (100)
 UserId="62134" Text="Consider the fictional word tahiliuk in the sentence "We
 found a small, fluffy tahiliuk running around our garden." While hearing a new
 word used in context, people are remarkably adept at inferring a basic notion of
 a its meaning. 

Question: How the tahiliuk's vector could
 be learned from the context? 

Assumption: 
a
 fixed input vocabulary, mapped to a set of word
 vectors.

Remarks:

 1. Tahiliuk is a
 completely new word. There is now such word within
 training
 data.
 2. Using approaches like "fast --> Word Count (89)
 UserId="62134" --> Word Count (11)
 UserId="62134" --> Word Count (1)
 UserId="38657" --> Word Count (97)
 UserId="38657" --> Word Count (10)
 UserId="38657" --> Word Count (1)
 UserId="29033" --> Word Count (144)
 UserId="29033" --> Word Count (3)
 UserId="29033" --> Word Count (1)
 UserId="37172" Comment="added 46 characters in body" --> Word Count (334)
 UserId="38657" Comment="added 23 characters in body" --> Word Count (101)
 UserId="58368" --> Word Count (57)
 UserId="58368" --> Word Count (13)
 UserId="58368" --> Word Count (1)
 UserId="-1" Comment="Previous one was not giving correct answer when i evaluated
 for this case y_true = K.constant([1,0,1,1,0], dtype=tf.float32) y_pred =
 K.constant([1,1,0,1,0], dtype=tf.float32)" --> Word Count (649)
 UserId="26385" --> Word Count (73)
 UserId="26385" --> Word Count (13)

UserId="26385" --> Word Count (1)
 UserId="58135" --> Word Count (189)
 UserId="62097" --> Word Count (36)
 UserId="30578" --> Word Count (285)
 UserId="30578" --> Word Count (86)
 UserId="62051" Comment="added 412 characters in body" --> Word Count (322)
 UserId="62097" --> Word Count (140)
 UserId="57445" --> Word Count (317)
 UserId="57445" --> Word Count (11)
 UserId="57445" --> Word Count (1)
 UserId="51839" --> Word Count (3164)
 UserId="57385" --> Word Count (149)
 UserId="57385" --> Word Count (3)
 UserId="57385" --> Word Count (1)
 UserId="45221" --> Word Count (277)
 UserId="62151" --> Word Count (134)
 UserId="62151" --> Word Count (8)
 UserId="62151" --> Word Count (1)
 UserId="62159" --> Word Count (75)
 UserId="62159" --> Word Count (9)
 UserId="62159" --> Word Count (1)
 UserId="58837" --> Word Count (65)
 UserId="61880" --> Word Count (47)
 UserId="52096" --> Word Count (63)
 UserId="52096" --> Word Count (12)
 UserId="52096" --> Word Count (1)
 UserId="61880" Comment="added 2 characters in body" --> Word Count (47)
 UserId="62154" --> Word Count (67)
 UserId="38657" Comment="added 51 characters in body; edited title" --> Word Count (111)
 UserId="38657" Comment="added 51 characters in body; edited title" --> Word Count (13)
 UserId="8878" --> Word Count (114)
 UserId="58136" --> Word Count (51)
 UserId="42078" --> Word Count (653)
 UserId="42078" --> Word Count (11)
 UserId="42078" --> Word Count (1)
 UserId="42078" Comment="edited title" --> Word Count (13)
 UserId="836" --> Word Count (139)
 UserId="62107" Comment="added 371 characters in body" --> Word Count (278)
 UserId="42078" Comment="added 60 characters in body" --> Word Count (665)
 UserId="29575" Comment="Minor formatting" --> Word Count (67)
 UserId="35644" Comment="added 1 character in body" --> Word Count (50)
 UserId="61450" Comment="Rollback to [468a5119-71e4-4df4-8b7d-d14afa87a529] - Edit approval overridden by post owner or moderator" --> Word Count (42)
 UserId="44990" Comment="Fixed grammar." --> Word Count (579)
 UserId="44990" Comment="Fixed grammar." --> Word Count (9)
 UserId="44990" Comment="Fixed some typos." --> Word Count (397)

UserId="23240" --> Word Count (189)
 UserId="23240" --> Word Count (9)
 UserId="23240" --> Word Count (1)
 UserId="8878" --> Word Count (67)
 UserId="8878" Comment="an extra sentence was deleted" --> Word Count (77)
 UserId="8878" --> Word Count (143)
 UserId="57385" Comment="added 6 characters in body" --> Word Count (149)
 UserId="8878" --> Word Count (106)
 UserId="43077" --> Word Count (574)
 UserId="43077" --> Word Count (9)
 UserId="43077" --> Word Count (1)
 UserId="43077" Comment="added 5 characters in body" --> Word Count (582)
 UserId="58135" Comment="added 2 characters in body" --> Word Count (190)
 UserId="43077" Comment="added 14 characters in body" --> Word Count (585)
 UserId="43077" Comment="added 5 characters in body" --> Word Count (589)
 UserId="52974" --> Word Count (107)
 UserId="43077" Comment="added 472 characters in body" --> Word Count (538)
 UserId="58135" --> Word Count (17)
 UserId="62184" --> Word Count (267)
 UserId="29575" Comment="indent code" --> Word Count (191)
 UserId="28175" --> Word Count (288)
 UserId="50870" --> Word Count (114)
 UserId="50870" --> Word Count (9)
 UserId="50870" --> Word Count (1)
 UserId="-1" Comment=""Loss of 1.465" comes from rounding the
 "0.2319" to "0.231" and plugging that into the loss
 function calculation. It could be confusing for someone trying to follow along
 with their own calculations. " --> Word Count (259)
 UserId="60381" Comment="Link to hyperlink" --> Word Count (19)
 UserId="21" Comment="104" --> Word Count (5)
 UserId="21" Comment="101" --> Word Count (6)
 UserId="21" Comment="104" --> Word Count (4)
 UserId="28175" --> Word Count (31)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="61658" --> Word Count (64)
 UserId="61658" --> Word Count (4)
 UserId="61658" --> Word Count (1)
 UserId="21749" --> Word Count (120)
 UserId="51129" --> Word Count (62)
 UserId="51129" --> Word Count (13)
 UserId="51129" --> Word Count (1)
 UserId="51129" Comment="added 6 characters in body; edited tags; edited title"
 --> Word Count (62)
 UserId="51129" Comment="added 6 characters in body; edited tags; edited title"
 --> Word Count (13)
 UserId="51129" Comment="added 6 characters in body; edited tags; edited title"
 --> Word Count (1)
 UserId="62189" --> Word Count (61)

UserId="62189" --> Word Count (7)
 UserId="62189" --> Word Count (1)
 UserId="41209" --> Word Count (350)
 UserId="41209" --> Word Count (18)
 UserId="41209" --> Word Count (1)
 UserId="62192" --> Word Count (74)
 UserId="51129" --> Word Count (78)
 UserId="51129" --> Word Count (10)
 UserId="51129" --> Word Count (1)
 UserId="45264" --> Word Count (642)
 UserId="43077" Comment="added 94 characters in body" --> Word Count (612)
 <DELETE> --> Word Count (711)
 <DELETE> --> Word Count (13)
 <DELETE> --> Word Count (1)
 UserId="45264" --> Word Count (117)
 UserId="2932" Comment="added 536 characters in body" --> Word Count (183)
 UserId="58135" Comment="deleted 5 characters in body" --> Word Count (18)
 UserId="61756" --> Word Count (88)
 UserId="61756" --> Word Count (4)
 UserId="61756" --> Word Count (1)
 UserId="62202" --> Word Count (127)
 UserId="62202" --> Word Count (67)
 UserId="62207" --> Word Count (203)
 UserId="62207" Comment="Removed unnecessary words. " --> Word Count (200)
 UserId="58400" --> Word Count (41)
 UserId="58400" --> Word Count (11)
 UserId="58400" --> Word Count (1)
 UserId="58400" Comment="added 114 characters in body" --> Word Count (44)
 UserId="57028" --> Word Count (38)
 UserId="57028" --> Word Count (16)
 UserId="57028" --> Word Count (1)
 UserId="56639" --> Word Count (21)
 UserId="56639" --> Word Count (4)
 UserId="56639" --> Word Count (1)
 UserId="62211" --> Word Count (8)
 UserId="51129" Comment="added 4 characters in body" --> Word Count (62)
 UserId="45166" --> Word Count (191)
 UserId="18619" Comment="added 332 characters in body" --> Word Count (165)
 UserId="57445" Comment="added 508 characters in body" --> Word Count (396)
 UserId="57130" --> Word Count (61)
 UserId="57130" Comment="added 12 characters in body" --> Word Count (62)
 UserId="62217" --> Word Count (531)
 UserId="62217" --> Word Count (10)
 UserId="62217" --> Word Count (1)
 UserId="61253" --> Word Count (407)
 UserId="43077" Comment="added 21 characters in body" --> Word Count (543)
 UserId="51714" --> Word Count (206)
 UserId="51714" --> Word Count (11)

UserId="51714" --> Word Count (1)
UserId="2893" --> Word Count (141)
UserId="2893" --> Word Count (9)
UserId="2893" --> Word Count (1)
UserId="61406" --> Word Count (311)
UserId="61406" --> Word Count (4)
UserId="61406" --> Word Count (1)
UserId="28175" Comment="added 20 characters in body; edited tags" --> Word Count (339)
UserId="28175" Comment="added 20 characters in body; edited tags" --> Word Count (1)
UserId="29575" Comment="Remove extra commentary" --> Word Count (395)
UserId="23159" --> Word Count (243)
UserId="62235" --> Word Count (22)
UserId="62235" --> Word Count (3)
UserId="62235" --> Word Count (1)
UserId="23159" Comment="added 272 characters in body" --> Word Count (288)
UserId="29033" Comment="deleted 1337 characters in body" --> Word Count (55)
UserId="62235" Comment="edited title" --> Word Count (3)
UserId="45221" --> Word Count (59)
UserId="58400" Comment="added 765 characters in body" --> Word Count (172)
UserId="45221" Comment="I added some tags that I found more relevant with the question" --> Word Count (1)
UserId="29575" Comment="I added some tags that I found more relevant with the question" --> Word Count (131)
UserId="29575" Comment="I added some tags that I found more relevant with the question" --> Word Count (1)
UserId="61936" --> Word Count (76)
UserId="17208" --> Word Count (149)
UserId="17208" --> Word Count (5)
UserId="17208" --> Word Count (1)
UserId="43514" --> Word Count (276)
UserId="43514" --> Word Count (5)
UserId="43514" --> Word Count (1)
UserId="52974" --> Word Count (136)
UserId="62249" --> Word Count (82)
UserId="62249" --> Word Count (9)
UserId="62249" --> Word Count (1)
UserId="60011" --> Word Count (166)
UserId="60011" --> Word Count (11)
UserId="60011" --> Word Count (1)
UserId="62252" --> Word Count (372)
UserId="62252" --> Word Count (13)
UserId="62252" --> Word Count (1)
UserId="21" Comment="105" --> Word Count (3)
UserId="59010" --> Word Count (88)
UserId="57825" --> Word Count (114)
UserId="57825" --> Word Count (11)

UserId="57825" --> Word Count (1)
UserId="23305" --> Word Count (144)
UserId="59010" --> Word Count (37)
UserId="31135" --> Word Count (813)
UserId="31135" --> Word Count (7)
UserId="31135" --> Word Count (1)
UserId="53986" Comment="added an answer " --> Word Count (251)
UserId="53986" --> Word Count (294)
UserId="53986" --> Word Count (10)
UserId="53986" --> Word Count (1)
UserId="53986" Comment="small explanatory changes" --> Word Count (296)
UserId="7812" --> Word Count (28)
UserId="7812" --> Word Count (7)
UserId="7812" --> Word Count (1)
UserId="26562" Comment="edited tags" --> Word Count (1)
UserId="61406" Comment="added 85 characters in body" --> Word Count (357)
UserId="1151" --> Word Count (46)
UserId="1151" --> Word Count (16)
UserId="1151" --> Word Count (1)
UserId="52588" --> Word Count (47)
UserId="52588" --> Word Count (3)
UserId="52588" --> Word Count (1)
UserId="61580" --> Word Count (209)
UserId="62270" --> Word Count (16)
UserId="62097" --> Word Count (13)
UserId="51714" --> Word Count (225)
UserId="34153" --> Word Count (160)
UserId="62235" Comment="added 13 characters in body" --> Word Count (23)
UserId="61756" --> Word Count (91)
UserId="61756" --> Word Count (11)
UserId="61756" --> Word Count (1)
UserId="62278" --> Word Count (75)
UserId="62278" --> Word Count (9)
UserId="62278" --> Word Count (1)
UserId="27983" Comment="better title" --> Word Count (12)
UserId="62279" --> Word Count (88)
UserId="62279" --> Word Count (13)
UserId="62279" --> Word Count (1)
UserId="45166" --> Word Count (71)
UserId="62252" Comment="Edit 1, adding the code that was used to get the data ready for the NN" --> Word Count (754)
UserId="51129" --> Word Count (92)
UserId="51129" --> Word Count (10)
UserId="51129" --> Word Count (1)
UserId="23159" --> Word Count (305)
UserId="8820" --> Word Count (124)
UserId="51129" Comment="added 37 characters in body" --> Word Count (97)
UserId="23159" --> Word Count (167)

UserId="57898" --> Word Count (951)
 UserId="57898" --> Word Count (7)
 UserId="57898" --> Word Count (1)
 UserId="62238" --> Word Count (148)
 UserId="62238" --> Word Count (10)
 UserId="62238" --> Word Count (1)
 UserId="52719" --> Word Count (140)
 UserId="34153" --> Word Count (49)
 UserId="62294" --> Word Count (127)
 UserId="62294" --> Word Count (9)
 UserId="62294" --> Word Count (1)
 UserId="62295" --> Word Count (123)
 UserId="62295" --> Word Count (11)
 UserId="62295" --> Word Count (1)
 UserId="62294" Comment="edited body" --> Word Count (127)
 UserId="61936" --> Word Count (12)
 UserId="60011" Comment="added 886 characters in body" --> Word Count (327)
 UserId="836" --> Word Count (174)
 UserId="58824" --> Word Count (70)
 UserId="58824" --> Word Count (6)
 UserId="58824" --> Word Count (1)
 UserId="54151" --> Word Count (99)
 UserId="54151" --> Word Count (9)
 UserId="54151" --> Word Count (1)
 UserId="57731" --> Word Count (178)
 UserId="57731" --> Word Count (7)
 UserId="57731" --> Word Count (1)
 UserId="54255" --> Word Count (135)
 UserId="61580" --> Word Count (226)
 UserId="58736" --> Word Count (153)
 UserId="58736" --> Word Count (4)
 UserId="58736" --> Word Count (1)
 UserId="23159" --> Word Count (98)
 UserId="61936" Comment="added 49 characters in body" --> Word Count (23)
 UserId="23159" --> Word Count (129)
 UserId="44456" --> Word Count (91)
 UserId="57731" Comment="deleted 59 characters in body" --> Word Count (171)
 UserId="59042" --> Word Count (49)
 UserId="59042" --> Word Count (11)
 UserId="59042" --> Word Count (1)
 UserId="23159" --> Word Count (43)
 UserId="44456" Comment="I fixed a typo in the answer. Instead of infinity sign I have used zero, now all is correct." --> Word Count (93)
 UserId="44456" Comment="I fixed a typo in the answer. Instead of infinity sign I have used zero, now all is correct." --> Word Count (92)
 UserId="57731" Comment="added 727 characters in body" --> Word Count (278)
 UserId="51129" Comment="added 60 characters in body" --> Word Count (105)
 UserId="51129" Comment="edited title" --> Word Count (14)

UserId="62319" --> Word Count (71)
 UserId="34153" Comment="deleted 13 characters in body" --> Word Count (48)
 UserId="61936" --> Word Count (58)
 UserId="61936" Comment="added 57 characters in body" --> Word Count (58)
 UserId="61936" --> Word Count (69)
 UserId="61406" --> Word Count (84)
 UserId="57019" --> Word Count (425)
 UserId="57019" --> Word Count (10)
 UserId="57019" --> Word Count (1)
 UserId="60621" --> Word Count (247)
 UserId="61261" --> Word Count (181)
 UserId="61261" --> Word Count (6)
 UserId="61261" --> Word Count (1)
 UserId="43077" --> Word Count (603)
 UserId="62337" --> Word Count (182)
 UserId="62337" --> Word Count (11)
 UserId="62337" --> Word Count (1)
 UserId="43077" Comment="added 25 characters in body" --> Word Count (606)
 UserId="58026" --> Word Count (363)
 UserId="58026" --> Word Count (6)
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 UserId="43077" Comment="added 7 characters in body" --> Word Count (753)
 UserId="34153" --> Word Count (26)
 UserId="1330" --> Word Count (44)
 UserId="1330" Comment="added 139 characters in body" --> Word Count (69)
 UserId="1029" --> Word Count (240)
 UserId="62308" --> Word Count (291)
 UserId="62308" --> Word Count (10)
 UserId="62308" --> Word Count (1)
 UserId="33279" --> Word Count (165)
 UserId="33279" --> Word Count (22)
 UserId="33279" --> Word Count (1)
 UserId="33279" Comment="added 134 characters in body; edited tags" --> Word Count (175)
 UserId="33279" Comment="added 134 characters in body; edited tags" --> Word Count (1)
 UserId="61936" --> Word Count (130)
 UserId="61936" --> Word Count (61)
 UserId="52426" --> Word Count (61)
 UserId="13505" Comment="Came back to this question after years and substantially revised the section about the relation between the Gaussian distribution and variance minimization" --> Word Count (781)
 UserId="43077" --> Word Count (39)
 UserId="43077" Comment="deleted 3 characters in body" --> Word Count (67)
 UserId="62353" --> Word Count (299)
 UserId="62353" --> Word Count (14)
 UserId="62353" --> Word Count (1)

UserId="13505" Comment="Came back to this question after years and substantially revised the section about the relation between the Gaussian distribution and variance minimization" --> Word Count (946)
 UserId="13505" Comment="Expanded section on using 1/2 term" --> Word Count (1040)
 UserId="13505" --> Word Count (304)
 UserId="62358" --> Word Count (92)
 UserId="62358" --> Word Count (9)
 UserId="62358" --> Word Count (1)
 UserId="13505" --> Word Count (606)
 UserId="13505" Comment="added 270 characters in body" --> Word Count (663)
 UserId="13505" --> Word Count (169)
 UserId="62358" --> Word Count (67)
 UserId="62358" --> Word Count (12)
 UserId="62358" --> Word Count (1)
 UserId="62364" --> Word Count (38)
 UserId="62368" --> Word Count (135)
 UserId="62368" --> Word Count (5)
 UserId="62368" --> Word Count (1)
 UserId="45107" --> Word Count (82)
 UserId="58837" --> Word Count (80)
 UserId="836" --> Word Count (293)
 UserId="836" Comment="added 175 characters in body" --> Word Count (325)
 UserId="61601" --> Word Count (278)
 UserId="61601" --> Word Count (15)
 UserId="61601" --> Word Count (1)
 UserId="61601" Comment="deleted 22 characters in body" --> Word Count (274)
 UserId="62076" --> Word Count (40)
 UserId="62076" --> Word Count (8)
 UserId="62076" --> Word Count (1)
 UserId="61880" --> Word Count (62)
 UserId="53056" --> Word Count (69)
 UserId="53056" --> Word Count (10)
 UserId="53056" --> Word Count (1)
 UserId="61880" Comment="via Vote" --> Word Count (2)
 UserId="61880" --> Word Count (2)
 UserId="27983" --> Word Count (32)
 UserId="61261" Comment="edited tags" --> Word Count (1)
 UserId="61261" Comment="edited tags" --> Word Count (1)
 UserId="62381" --> Word Count (105)
 UserId="62381" --> Word Count (8)
 UserId="62381" --> Word Count (1)
 UserId="54748" Comment="formatted code correctly (not sure about the example output)" --> Word Count (229)
 UserId="29575" Comment="formatted code correctly (not sure about the example output)" --> Word Count (402)
 UserId="62076" Comment="update code" --> Word Count (65)
 UserId="29575" Comment="update code" --> Word Count (93)

UserId="61880" --> Word Count (88)
 UserId="62130" --> Word Count (44)
 UserId="62130" --> Word Count (6)
 UserId="62130" --> Word Count (1)
 UserId="60292" --> Word Count (77)
 UserId="62359" --> Word Count (459)
 UserId="62359" --> Word Count (15)
 UserId="62359" --> Word Count (1)
 UserId="28175" Comment=" " --> Word Count (651)
 UserId="28175" Comment=" " --> Word Count (1)
 UserId="-1" Comment="Fixed a small typo in the code" --> Word Count (873)
 UserId="62386" --> Word Count (238)
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 UserId="62386" --> Word Count (1)
 UserId="62393" --> Word Count (655)
 UserId="62393" --> Word Count (3)
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 UserId="23159" --> Word Count (98)
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 UserId="33441" --> Word Count (106)
 UserId="33441" --> Word Count (7)
 UserId="33441" --> Word Count (1)
 UserId="62386" Comment="added 331 characters in body" --> Word Count (299)
 UserId="62386" Comment="added 328 characters in body" --> Word Count (341)
 UserId="1151" Comment="added 86 characters in body" --> Word Count (71)
 UserId="62423" --> Word Count (306)
 UserId="62423" --> Word Count (11)
 UserId="62423" --> Word Count (1)
 UserId="1151" Comment="added 86 characters in body" --> Word Count (17)
 UserId="1151" Comment="added 86 characters in body" --> Word Count (88)
 UserId="1151" Comment="added 86 characters in body" --> Word Count (20)
 UserId="62423" Comment="added 40 characters in body" --> Word Count (314)
 UserId="61880" --> Word Count (122)
 UserId="23159" --> Word Count (82)
 UserId="62202" --> Word Count (63)
 UserId="62202" Comment="basic formatting to separate code from text" --> Word Count (151)
 UserId="62202" --> Word Count (91)
 UserId="62202" --> Word Count (24)

UserId="62432" --> Word Count (354)
 UserId="62432" --> Word Count (8)
 UserId="62432" --> Word Count (1)
 UserId="51369" --> Word Count (89)
 UserId="51369" --> Word Count (19)
 UserId="51369" --> Word Count (1)
 UserId="62436" --> Word Count (177)
 UserId="62436" --> Word Count (14)
 UserId="62436" --> Word Count (1)
 UserId="8878" --> Word Count (129)
 UserId="924" --> Word Count (151)
 UserId="62440" --> Word Count (49)
 UserId="62440" --> Word Count (8)
 UserId="62440" --> Word Count (1)
 UserId="51125" --> Word Count (8)
 UserId="61900" --> Word Count (86)
 UserId="61900" --> Word Count (15)
 UserId="61900" --> Word Count (1)
 UserId="62442" --> Word Count (500)
 UserId="42953" --> Word Count (84)
 UserId="42953" --> Word Count (6)
 UserId="42953" --> Word Count (1)
 UserId="62445" --> Word Count (202)
 UserId="62445" --> Word Count (10)
 UserId="62445" --> Word Count (1)
 UserId="62446" --> Word Count (101)
 UserId="57434" --> Word Count (1052)
 UserId="57434" --> Word Count (9)
 UserId="57434" --> Word Count (1)
 UserId="45221" --> Word Count (430)
 UserId="8878" --> Word Count (214)
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 UserId="57731" --> Word Count (3690)
 UserId="57731" --> Word Count (7)
 UserId="57731" --> Word Count (1)
 UserId="23159" --> Word Count (350)
 UserId="54855" Comment="improvement over the question framing" --> Word Count (81)
 UserId="924" Comment="deleted 21 characters in body" --> Word Count (120)
 UserId="924" --> Word Count (50)
 UserId="29575" Comment="Minor formatting" --> Word Count (555)
 UserId="26019" Comment="edited body" --> Word Count (302)
 UserId="29575" Comment="edited body" --> Word Count (342)
 UserId="62458" --> Word Count (98)
 UserId="62458" --> Word Count (4)
 UserId="62458" --> Word Count (1)
 UserId="62458" Comment="edited tags" --> Word Count (1)
 UserId="60714" --> Word Count (104)

UserId="60714" --> Word Count (15)
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 UserId="62461" --> Word Count (79)
 UserId="62461" --> Word Count (6)
 UserId="62461" --> Word Count (1)
 UserId="24719" --> Word Count (37)
 UserId="24719" --> Word Count (13)
 UserId="24719" --> Word Count (1)
 UserId="836" --> Word Count (203)
 UserId="14886" --> Word Count (366)
 UserId="14886" --> Word Count (9)
 UserId="14886" --> Word Count (1)
 UserId="836" Comment="added 1 character in body" --> Word Count (203)
 UserId="62252" Comment="Edit 2, adding information I've discovered" --> Word Count (802)
 UserId="58585" --> Word Count (114)
 UserId="58585" --> Word Count (4)
 UserId="58585" --> Word Count (1)
 UserId="16220" --> Word Count (353)
 UserId="23159" --> Word Count (134)
 UserId="21" Comment="105" --> Word Count (3)
 UserId="21" Comment="102" --> Word Count (3)
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 UserId="21" Comment="103" --> Word Count (3)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="57434" Comment="Removed part of the question which was due to a code bug and not actually relevant information to the question." --> Word Count (249)
 UserId="52799" --> Word Count (55)
 UserId="62476" --> Word Count (58)
 UserId="23305" --> Word Count (189)
 UserId="23305" Comment="edited title" --> Word Count (4)
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 UserId="19261" --> Word Count (244)
 UserId="29575" Comment="Minor formatting" --> Word Count (367)
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 UserId="62484" --> Word Count (9)
 UserId="62484" --> Word Count (1)
 UserId="60565" --> Word Count (60)
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 UserId="62483" --> Word Count (1)
 UserId="2454" --> Word Count (66)
 UserId="2454" --> Word Count (5)
 UserId="2454" --> Word Count (1)

UserId="45929" --> Word Count (135)
 UserId="45929" --> Word Count (2)
 UserId="45929" --> Word Count (1)
 UserId="62202" --> Word Count (43)
 UserId="62202" --> Word Count (98)
 UserId="62202" --> Word Count (84)
 UserId="29575" Comment="Minor formatting" --> Word Count (78)
 UserId="62202" --> Word Count (41)
 UserId="62097" Text="I am not sure you have one package for visualization and sentimental analysis together.

I think you can use ' --> Word Count (48)
 UserId="59436" --> Word Count (71)
 UserId="59436" --> Word Count (5)
 UserId="59436" --> Word Count (1)
 UserId="62496" --> Word Count (98)
 UserId="62496" --> Word Count (16)
 UserId="62496" --> Word Count (1)
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 UserId="41591" --> Word Count (1)
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 UserId="62202" --> Word Count (37)
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 UserId="60574" --> Word Count (112)
 UserId="62514" --> Word Count (148)
 UserId="60636" --> Word Count (123)
 UserId="60636" --> Word Count (3)
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 UserId="62515" --> Word Count (115)
 UserId="62515" --> Word Count (6)
 UserId="62515" --> Word Count (1)
 UserId="42772" --> Word Count (149)
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 UserId="42772" --> Word Count (1)
 UserId="57416" --> Word Count (168)
 UserId="60636" --> Word Count (82)
 UserId="60636" --> Word Count (2)
 UserId="60636" --> Word Count (1)
 UserId="62521" --> Word Count (53)
 UserId="62521" --> Word Count (9)
 UserId="62521" --> Word Count (1)
 UserId="57416" --> Word Count (156)
 UserId="57416" Comment="add the tag for yolo network" --> Word Count (1)
 UserId="57416" Comment="add the yolo tag" --> Word Count (1)

UserId="45507" Comment="Added 'math' tag" --> Word Count (1)
 UserId="45868" --> Word Count (394)
 UserId="45868" --> Word Count (9)
 UserId="45868" --> Word Count (1)
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 UserId="62519" --> Word Count (9)
 UserId="62519" --> Word Count (1)
 UserId="28175" --> Word Count (130)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="62528" --> Word Count (55)
 UserId="62528" --> Word Count (18)
 UserId="62528" --> Word Count (1)
 UserId="62519" Comment="edited tags" --> Word Count (1)
 UserId="62519" Comment="edited tags" --> Word Count (84)
 UserId="52799" --> Word Count (40)
 UserId="62519" Comment="edited tags" --> Word Count (1)
 UserId="62515" Comment="added 52 characters in body" --> Word Count (118)
 UserId="51878" --> Word Count (91)
 UserId="51878" --> Word Count (2)
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 UserId="54968" --> Word Count (66)
 UserId="54968" --> Word Count (15)
 UserId="54968" --> Word Count (1)
 UserId="58433" --> Word Count (14)
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 UserId="58433" --> Word Count (1)
 UserId="62241" --> Word Count (13)
 UserId="58433" Comment="edited tags" --> Word Count (1)
 UserId="62534" --> Word Count (52)
 UserId="26019" Comment="edited body" --> Word Count (398)
 UserId="29575" Comment="edited body" --> Word Count (397)
 UserId="58433" Comment="added 177 characters in body; added 8 characters in body" --> Word Count (40)
 UserId="58433" Comment="added 75 characters in body" --> Word Count (52)
 UserId="836" Comment="added 51 characters in body; edited title" --> Word Count (60)
 UserId="836" Comment="added 51 characters in body; edited title" --> Word Count (12)
 UserId="62528" Comment="Typo" --> Word Count (18)
 UserId="836" --> Word Count (386)
 UserId="40735" --> Word Count (91)
 UserId="836" Comment="added 143 characters in body" --> Word Count (407)
 UserId="26562" Text="Yes, neural networks excel at finding highly non-linear decision boundaries. For example, take a look at this [demo][1] (don't forget to click the play button to make the network learn). Even this very simple network is able to learn that the opposite corners of the input space belong to the same class. 


 [1]: <https://playground.tensorflow.org/#activation=tanh&batchSize=10&dataset=xor®Dataset=reg-plane&lea>

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rningRate=0.03&regularizationRate=0&noise=0&networkShape=4,2&seed=0.40455&showTestData=false&discretize=false&percTrainData=50&x=true&y=true&xTimesY=false&xSquared=false&ySquared=false&cosX=false&sinX=false&cosY=false&sinY=false&collectStats=false&problem=classification&initZero=false&hide --> Word Count (1)
UserId="61467" --> Word Count (38)
UserId="61467" --> Word Count (8)
UserId="61467" --> Word Count (1)
UserId="62548" --> Word Count (252)
UserId="45264" --> Word Count (1371)
UserId="45264" Comment="The post asks questions regarding many techniques (colour, rotation, image size, filters etc.) and so is really about augmentation methods, not just image normalisation." --> Word Count (7)
UserId="45264" Comment="The post asks questions regarding many techniques (colour, rotation, image size, filters etc.) and so is really about augmentation methods, not just image normalisation." --> Word Count (1)
UserId="43077" Comment="added 52 characters in body" --> Word Count (763)
UserId="23773" --> Word Count (74)
UserId="23773" --> Word Count (10)
UserId="23773" --> Word Count (1)
UserId="62566" --> Word Count (90)
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UserId="21" Comment="102" --> Word Count (4)
UserId="21" Comment="103" --> Word Count (3)
UserId="21" Comment="104" --> Word Count (4)
UserId="62568" --> Word Count (180)
UserId="62568" --> Word Count (11)
UserId="62568" --> Word Count (1)
UserId="21" Comment="103" --> Word Count (3)
UserId="62565" Comment="code edited" --> Word Count (130)
UserId="62565" Comment="code edited" --> Word Count (135)
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UserId="43765" --> Word Count (152)
UserId="43765" --> Word Count (12)
UserId="43765" --> Word Count (1)
UserId="37330" --> Word Count (108)
UserId="45264" Comment="Formatting" --> Word Count (1373)
UserId="37330" --> Word Count (34)
UserId="37330" Comment="added 1 character in body" --> Word Count (34)
UserId="45166" --> Word Count (187)
UserId="45221" --> Word Count (438)
UserId="33058" --> Word Count (65)
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UserId="33058" --> Word Count (1)
UserId="32884" --> Word Count (196)

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UserId="32884" --> Word Count (6)
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 UserId="61895" --> Word Count (75)
 UserId="33058" Comment="edited title" --> Word Count (13)
 UserId="62591" --> Word Count (197)
 UserId="62591" --> Word Count (15)
 UserId="62591" --> Word Count (1)
 UserId="62591" Comment="deleted 33 characters in body" --> Word Count (193)
 UserId="62588" --> Word Count (123)
 UserId="62588" --> Word Count (5)
 UserId="62588" --> Word Count (1)
 UserId="836" --> Word Count (163)
 UserId="61563" --> Word Count (115)
 UserId="62594" --> Word Count (54)
 UserId="62594" --> Word Count (17)
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 UserId="59110" --> Word Count (6)
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 UserId="62596" --> Word Count (18)
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 UserId="46107" --> Word Count (1)
 UserId="62606" --> Word Count (62)
 UserId="62609" Comment="improve sentence flow" --> Word Count (525)
 UserId="49717" --> Word Count (50)
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 UserId="49717" --> Word Count (1)
 UserId="60487" --> Word Count (31)
 UserId="60487" --> Word Count (18)
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 UserId="50406" --> Word Count (111)
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 UserId="28175" --> Word Count (124)
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 UserId="61936" --> Word Count (38)
 UserId="45374" --> Word Count (67)
 UserId="50406" --> Word Count (109)

UserId="23159" --> Word Count (173)
UserId="23159" --> Word Count (5)
UserId="23159" --> Word Count (1)
UserId="48968" --> Word Count (138)
UserId="48968" --> Word Count (10)
UserId="48968" --> Word Count (1)
UserId="50406" --> Word Count (133)
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UserId="62615" --> Word Count (10)
UserId="62615" --> Word Count (1)
UserId="62615" Comment="edited body" --> Word Count (16)
UserId="60487" Comment="deleted 60 characters in body" --> Word Count (20)
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UserId="62625" --> Word Count (110)
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UserId="62631" --> Word Count (1)
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UserId="37330" Comment="deleted 8 characters in body" --> Word Count (106)
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 UserId="30462" --> Word Count (82)
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 UserId="5055" Comment="added 8 characters in body" --> Word Count (40)
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 UserId="60003" --> Word Count (1)
 UserId="1029" --> Word Count (77)
 UserId="60487" Comment="added 511 characters in body" --> Word Count (121)
 UserId="62673" --> Word Count (71)
 UserId="62673" --> Word Count (5)
 UserId="62673" --> Word Count (1)
 UserId="62656" Comment="Added some description of data" --> Word Count (125)
 UserId="62668" Comment="code styling" --> Word Count (132)
 UserId="10640" Comment="Question clarified and presentation improved." --> Word Count (43)
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 UserId="21" Comment="104" --> Word Count (3)
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 UserId="44299" --> Word Count (41)
 UserId="45237" --> Word Count (268)
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UserId="45237" Comment="edited title" --> Word Count (12)
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 UserId="62641" Comment="added 340 characters in body" --> Word Count (192)
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 UserId="43077" Comment="added 592 characters in body" --> Word Count (244)
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 UserId="21519" Comment="fixed grammar" --> Word Count (89)
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 UserId="21519" Comment="fixed grammar" --> Word Count (264)
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 UserId="61766" Comment="added 280 characters in body" --> Word Count (652)
 UserId="61766" Comment="added 4 characters in body" --> Word Count (652)
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 UserId="45237" Comment="edited title" --> Word Count (14)
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 UserId="33279" Comment="edited tags" --> Word Count (1)
 UserId="60954" Comment="added 1 character in body" --> Word Count (156)
 UserId="62711" --> Word Count (15)
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UserId="32884" Comment="Edited answer after op has provided additional information" --> Word Count (296)
 UserId="52799" --> Word Count (25)
 UserId="52799" --> Word Count (22)
 UserId="57445" --> Word Count (585)
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 UserId="29575" Comment="Minor formatting" --> Word Count (87)
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 UserId="32884" Comment="Corrected example" --> Word Count (508)
 UserId="32884" Comment="Added notation of python language (in hope it will color the code as python)" --> Word Count (505)
 UserId="61843" --> Word Count (256)
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 UserId="62723" --> Word Count (33)
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 UserId="62711" Comment="grammar and formatting corrections" --> Word Count (337)
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 UserId="31135" --> Word Count (177)
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 UserId="61936" Comment="added 417 characters in body" --> Word Count (132)
 UserId="23305" --> Word Count (215)
 UserId="45237" Comment="added 33 characters in body" --> Word Count (343)
 UserId="23305" Comment="edited body" --> Word Count (215)
 UserId="21024" --> Word Count (89)
 UserId="26019" Comment="edited body" --> Word Count (91)
 UserId="58488" Comment="corrected, spelling, fixed grammar" --> Word Count (105)
 UserId="58488" Comment="corrected, spelling, fixed grammar" --> Word Count (9)
 UserId="61817" Comment="deleted 156 characters in body; edited tags" --> Word Count (45)
 UserId="61817" Comment="deleted 156 characters in body; edited tags" --> Word Count (1)
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 <DELETE> --> Word Count (13)
 <DELETE> --> Word Count (1)
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 UserId="40515" --> Word Count (122)
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 UserId="61936" --> Word Count (50)
 UserId="61936" Comment="added 21 characters in body" --> Word Count (50)
 UserId="53453" --> Word Count (198)
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 UserId="53453" --> Word Count (1)
 UserId="49752" --> Word Count (731)
 UserId="49752" --> Word Count (5)
 UserId="49752" --> Word Count (1)
 UserId="62772" --> Word Count (5)
 UserId="43077" Comment="added 313 characters in body" --> Word Count (170)
 UserId="43077" Comment="added 303 characters in body" --> Word Count (255)
 UserId="21560" --> Word Count (317)
 UserId="21560" --> Word Count (12)
 UserId="21560" --> Word Count (1)
 UserId="35644" Comment="added 9 characters in body" --> Word Count (200)
 UserId="34153" --> Word Count (115)
 UserId="34153" --> Word Count (97)

UserId="2523" Comment="Copy edited. In English, the subjective form of the singular first-person pronoun, "I", is capitalized, along with all its contractions such as I'll and I'm." --> Word Count (199)
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 UserId="29575" Comment="Copy edited. In English, the subjective form of the singular first-person pronoun, "I", is capitalized, along with all its contractions such as I'll and I'm." --> Word Count (199)
 UserId="58511" --> Word Count (176)
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 UserId="23159" --> Word Count (194)
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 UserId="62779" --> Word Count (1)
 UserId="23159" Comment="added final paragraph" --> Word Count (293)
 UserId="58511" Comment="added 1539 characters in body" --> Word Count (414)
 UserId="62784" --> Word Count (145)
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 UserId="61261" --> Word Count (1)
 UserId="61261" Comment="added 68 characters in body" --> Word Count (76)
 UserId="61601" --> Word Count (186)
 UserId="61601" --> Word Count (9)
 UserId="61601" --> Word Count (1)
 UserId="33279" Comment="added 920 characters in body; edited tags" --> Word Count (539)
 UserId="33279" Comment="added 920 characters in body; edited tags" --> Word Count (1)
 UserId="61936" --> Word Count (47)
 UserId="61936" Comment="added 470 characters in body; added 61 characters in body" --> Word Count (110)
 UserId="51878" Comment="added 104 characters in body" --> Word Count (82)
 UserId="59387" --> Word Count (98)
 UserId="59387" --> Word Count (10)
 UserId="59387" --> Word Count (1)
 UserId="43077" Comment="edited body" --> Word Count (255)

UserId="51878" Comment="added 139 characters in body" --> Word Count (107)
 UserId="35644" --> Word Count (62)
 UserId="47958" --> Word Count (673)
 UserId="47958" --> Word Count (10)
 UserId="47958" --> Word Count (1)
 UserId="31960" --> Word Count (120)
 UserId="31960" --> Word Count (7)
 UserId="31960" --> Word Count (1)
 UserId="47958" Comment="added 2 characters in body" --> Word Count (673)
 UserId="61601" Comment="added 336 characters in body" --> Word Count (217)
 UserId="31960" Comment="added 95 characters in body" --> Word Count (133)
 UserId="26019" Comment="edited body" --> Word Count (36)
 UserId="57526" --> Word Count (83)
 UserId="40515" --> Word Count (52)
 UserId="40515" --> Word Count (10)
 UserId="40515" --> Word Count (1)
 UserId="53367" Comment="can't be trained using bin model further" Text="For
 .bin use: [`load_fasttext_format()`](https://radimrehurek.com/gensim/models/
 fasttext.html#gensim.models.fasttext.Fast --> Word Count (60)
 UserId="57975" --> Word Count (80)
 UserId="57975" --> Word Count (9)
 UserId="57975" --> Word Count (1)
 UserId="47637" --> Word Count (281)
 UserId="60565" --> Word Count (82)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (274)
 UserId="62824" --> Word Count (14)
 UserId="62824" --> Word Count (9)
 UserId="62824" --> Word Count (1)
 UserId="52595" --> Word Count (73)
 UserId="52595" --> Word Count (8)
 UserId="52595" --> Word Count (1)
 UserId="62827" --> Word Count (202)
 UserId="62827" --> Word Count (3)
 UserId="62827" --> Word Count (1)
 UserId="28175" --> Word Count (45)
 UserId="32628" Text="I am looking to compile a sentiment corpus for news
 articles in multiple languages (~100k per lang) where each article is labeled
 positive, neutral, or negative. I have searched high and low but could not find
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[![enter image description
 here][2]][2]


Next, I thought about all of those
 existing popular libraries (some of whom have already used Mechanical Turk) that
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My

current idea is that I run each news article across a few of these libraries (for example AFINN, then TextBlob, then VADER) and for those articles who show positive, negative, neutral unanimously though all three libs are accepted into the corpus. Does that seem like a fairly strong and reasonable verification process?

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[6]: <https://github.com/cjhutto/vaderSentiment>

[7]: <https://github.com/sloria/>

--> Word Count (1)

UserId="32628" --> Word Count (6)

UserId="32628" --> Word Count (1)

UserId="30153" --> Word Count (143)

UserId="30153" --> Word Count (18)

UserId="30153" --> Word Count (1)

UserId="1330" --> Word Count (59)

UserId="28175" --> Word Count (166)

UserId="28175" Comment="edited tags" --> Word Count (1)

UserId="54395" --> Word Count (303)

UserId="28175" Comment="edited title" --> Word Count (18)

UserId="44456" --> Word Count (522)

UserId="26019" Comment="edited body" --> Word Count (40)

UserId="47637" Comment="added 1 character in body" --> Word Count (274)

UserId="21" Comment="104" --> Word Count (3)

UserId="21" Comment="102" --> Word Count (5)

UserId="34176" Comment="The existing tag is too broad. The discussion is about a wide subject - activation functions" --> Word Count (1)

UserId="21" Comment="102" --> Word Count (3)

UserId="62641" Comment="added 148 characters in body" --> Word Count (215)

UserId="51638" --> Word Count (146)

UserId="62829" --> Word Count (306)

UserId="62829" --> Word Count (15)

UserId="62829" --> Word Count (1)
 UserId="17020" --> Word Count (52)
 UserId="62846" --> Word Count (938)
 UserId="62846" --> Word Count (10)
 UserId="62846" --> Word Count (1)
 UserId="50406" --> Word Count (173)
 UserId="62846" Comment="added 115 characters in body" --> Word Count (959)
 UserId="40515" Comment="improved formatting" --> Word Count (52)
 UserId="45221" --> Word Count (72)
 UserId="62854" --> Word Count (180)
 UserId="62854" --> Word Count (7)
 UserId="62854" --> Word Count (1)
 UserId="60565" Comment="added 4 characters in body" --> Word Count (83)
 UserId="19261" Comment="added 944 characters in body" --> Word Count (411)
 UserId="62854" Comment="added 5 characters in body" --> Word Count (182)
 UserId="33605" --> Word Count (168)
 UserId="33605" --> Word Count (8)
 UserId="33605" --> Word Count (1)
 UserId="52143" --> Word Count (23)
 UserId="52143" --> Word Count (8)
 UserId="52143" --> Word Count (1)
 UserId="41874" Comment="added 476 characters in body" --> Word Count (119)
 UserId="9273" --> Word Count (103)
 UserId="9273" --> Word Count (8)
 UserId="9273" --> Word Count (1)
 UserId="43077" Comment="added 41 characters in body" --> Word Count (278)
 UserId="53479" --> Word Count (90)
 UserId="60636" --> Word Count (74)
 UserId="60636" --> Word Count (3)
 UserId="60636" --> Word Count (1)
 UserId="53479" Comment="added 29 characters in body" --> Word Count (94)
 UserId="60636" Comment="edited body" --> Word Count (74)
 UserId="53479" Comment="added 281 characters in body" --> Word Count (126)
 UserId="32628" Comment="added 1 character in body" Text="I am looking to compile a sentiment corpus for news articles in multiple languages (~100k per lang) where each article is labeled positive, neutral, or negative. I have searched high and low but could not find anything like this available. I already have the news articles in each language.

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[6]: <https://github.com/cjhutto/vaderSentiment>

[7]: <https://github.com/sloria/> --> Word Count (1)

UserId="23334" --> Word Count (175)

UserId="23334" --> Word Count (7)

UserId="23334" --> Word Count (1)

UserId="24000" Comment="Reformatted" --> Word Count (1123)

UserId="24000" Comment="Reformatted" --> Word Count (10)

UserId="29575" Comment="Reformatted" --> Word Count (1047)

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UserId="57019" --> Word Count (1)

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UserId="62882" --> Word Count (14)

UserId="62882" --> Word Count (1)

UserId="62190" --> Word Count (145)

UserId="61601" Comment="added 1378 characters in body" --> Word Count (659)

UserId="50863" --> Word Count (53)

UserId="50863" --> Word Count (4)

UserId="50863" --> Word Count (1)

UserId="32628" Comment="added 35 characters in body; edited tags" Text="I am looking to compile a sentiment corpus for news articles in multiple languages (~100k per lang. for a machine learning experiment) where each article is labeled positive, neutral, or negative. I have searched high and low but could not find anything like this available. I already have the news articles in each language.

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[!
enter image description here][2]]

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[7]: <https://github.com/sloria/> --> Word Count (1)

 UserId="32628" Comment="added 35 characters in body; edited tags" --> Word Count (1)

 UserId="62887" --> Word Count (293)

 UserId="62887" --> Word Count (10)

 UserId="62887" --> Word Count (1)

 UserId="62886" --> Word Count (115)

 UserId="62886" --> Word Count (13)

 UserId="62886" --> Word Count (1)

 UserId="62889" --> Word Count (231)

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 UserId="62889" --> Word Count (1)

 UserId="57019" Comment="deleted 2135 characters in body" --> Word Count (36)

 UserId="23240" --> Word Count (87)

 UserId="59182" --> Word Count (76)</p>
</div>

1596
</div>

UserId="23305" --> Word Count (395)
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 UserId="23305" --> Word Count (1)
 UserId="26562" --> Word Count (230)
 UserId="29575" Comment="Minor formatting" --> Word Count (144)
 UserId="26562" Comment="minor formatting & grammar" --> Word Count (53)
 UserId="26562" Comment="minor formatting & grammar" --> Word Count (5)
 UserId="26562" --> Word Count (77)
 UserId="26562" Comment="added tags" --> Word Count (1)
 UserId="61400" --> Word Count (73)
 UserId="61400" --> Word Count (8)
 UserId="61400" --> Word Count (1)
 UserId="30802" --> Word Count (158)
 UserId="30802" --> Word Count (14)
 UserId="30802" --> Word Count (1)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="39644" --> Word Count (66)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="29575" Comment="Minor formatting" --> Word Count (66)
 UserId="17696" --> Word Count (267)
 UserId="26" --> Word Count (250)
 UserId="26" --> Word Count (5)
 UserId="26" --> Word Count (1)
 UserId="17696" --> Word Count (139)
 UserId="17696" Comment="added 314 characters in body; added 2 characters in body" --> Word Count (163)
 UserId="17696" --> Word Count (310)
 UserId="62846" --> Word Count (44)
 UserId="62846" Comment="added 289 characters in body" --> Word Count (1019)
 UserId="50406" --> Word Count (79)
 UserId="50406" --> Word Count (5)
 UserId="50406" --> Word Count (1)
 UserId="23334" Comment="up" --> Word Count (9)
 UserId="62887" Comment="added 154 characters in body" --> Word Count (321)
 UserId="62887" Text="I have 2 "nature" of data (more actually if I count images data) :

- --> Word Count (546)
 UserId="62887" Text="Mixing" --> Word Count (7)
 UserId="62887" --> Word Count (1)
 UserId="52599" --> Word Count (56)
 UserId="52599" --> Word Count (9)
 UserId="52599" --> Word Count (1)
 UserId="34269" --> Word Count (107)
 UserId="61904" --> Word Count (168)
 UserId="61904" --> Word Count (4)
 UserId="61904" --> Word Count (1)
 UserId="61904" --> Word Count (105)

UserId="39338" --> Word Count (17)
 UserId="39338" Comment="added 267 characters in body" --> Word Count (103)
 UserId="23334" Comment="up" --> Word Count (8)
 UserId="23334" Comment="up" --> Word Count (1)
 UserId="56922" --> Word Count (140)
 UserId="56922" --> Word Count (10)
 UserId="56922" --> Word Count (1)
 UserId="60954" --> Word Count (146)
 UserId="62077" --> Word Count (42)
 UserId="62077" --> Word Count (4)
 UserId="62077" --> Word Count (1)
 UserId="23159" --> Word Count (104)
 UserId="45264" --> Word Count (172)
 UserId="50863" Comment="made more specific as asked" --> Word Count (76)
 UserId="50863" Comment="made more specific as asked" --> Word Count (6)
 UserId="62202" --> Word Count (20)
 UserId="61034" --> Word Count (367)
 UserId="61034" --> Word Count (11)
 UserId="61034" --> Word Count (1)
 UserId="24478" --> Word Count (178)
 UserId="24478" Comment="added 149 characters in body" --> Word Count (184)
 UserId="62938" --> Word Count (135)
 UserId="62938" --> Word Count (7)
 UserId="62938" --> Word Count (1)
 UserId="54944" --> Word Count (88)
 UserId="24478" --> Word Count (59)
 UserId="62942" --> Word Count (207)
 UserId="62942" --> Word Count (9)
 UserId="62942" --> Word Count (1)
 UserId="37184" --> Word Count (169)
 UserId="32628" Comment="added 75 characters in body" Text="I am looking to compile a sentiment corpus for news articles in multiple languages (~100k per lang. for a machine learning experiment) where each article is labeled positive, neutral, or negative. I have searched high and low but could not find anything like this available. I already have the news articles in each language.

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 [6]: <https://github.com/cjhutto/vaderSentiment>
 [7]: <https://github.com/sloria/> --> Word Count (1)

UserId="24000" Comment="Reformatted, add better title, add link to sklearn docs" --> Word Count (75)

UserId="24000" Comment="Reformatted, add better title, add link to sklearn docs" --> Word Count (6)

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UserId="62725" Comment="Added a more in-depth explanation of WCSS and BCSS. Also provided some additional resources." --> Word Count (535)

UserId="54944" Comment="added 616 characters in body" --> Word Count (202)

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UserId="23909" --> Word Count (138)

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UserId="54395" --> Word Count (529)

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UserId="19261" --> Word Count (1)

UserId="19261" --> Word Count (138)

UserId="19261" Comment="added 22 characters in body" --> Word Count (286)
UserId="62725" --> Word Count (359)
UserId="21" Comment="102" --> Word Count (4)
UserId="21" Comment="102" --> Word Count (3)
UserId="61880" --> Word Count (35)
UserId="62958" --> Word Count (260)
UserId="62958" --> Word Count (15)
UserId="62958" --> Word Count (1)
UserId="24478" --> Word Count (153)
UserId="21" Comment="104" --> Word Count (2)
UserId="37172" Comment="added 311 characters in body" --> Word Count (436)
UserId="62987" --> Word Count (73)
UserId="62987" --> Word Count (3)
UserId="62987" --> Word Count (1)
UserId="57019" Comment="explanation" --> Word Count (3191)
UserId="62445" --> Word Count (192)
UserId="62445" --> Word Count (6)
UserId="62445" --> Word Count (1)
UserId="8878" --> Word Count (93)
UserId="62998" --> Word Count (66)
UserId="63006" --> Word Count (148)
UserId="63006" --> Word Count (4)
UserId="63006" --> Word Count (1)
UserId="63007" --> Word Count (93)
UserId="63009" --> Word Count (44)
UserId="63009" --> Word Count (6)
UserId="63009" --> Word Count (1)
UserId="54944" --> Word Count (170)
UserId="61936" --> Word Count (48)
UserId="23305" Comment="deleted 29 characters in body" --> Word Count (67)
UserId="34269" Comment="corrected typo" --> Word Count (107)
UserId="21" --> Word Count (2)
UserId="16964" --> Word Count (236)
UserId="63018" --> Word Count (638)
UserId="63018" --> Word Count (3)
UserId="63018" --> Word Count (1)
UserId="63020" --> Word Count (101)
UserId="63020" --> Word Count (12)
UserId="63020" --> Word Count (1)
UserId="63024" --> Word Count (27)
UserId="63024" --> Word Count (10)
UserId="63024" --> Word Count (1)
UserId="62846" Comment="edited body" --> Word Count (44)
UserId="63027" --> Word Count (108)
UserId="63027" --> Word Count (6)
UserId="63027" --> Word Count (1)
UserId="23159" --> Word Count (63)
UserId="63031" --> Word Count (56)

UserId="57019" Comment="deleted 14729 characters in body" --> Word Count (43)
 UserId="63031" --> Word Count (200)
 UserId="61535" --> Word Count (54)
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 UserId="63031" --> Word Count (36)
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 UserId="32220" Comment="edited body" --> Word Count (235)
 UserId="32220" Comment="added 470 characters in body" --> Word Count (355)
 UserId="63031" Comment="Added log_loss and LogR Sklearn Documentation Links"
 --> Word Count (74)
 UserId="51603" --> Word Count (490)
 UserId="51603" --> Word Count (10)
 UserId="51603" --> Word Count (1)
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 UserId="63031" --> Word Count (32)
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 UserId="63043" --> Word Count (1)
 UserId="5279" --> Word Count (73)
 UserId="28290" --> Word Count (60)
 UserId="63031" --> Word Count (73)
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 UserId="63047" --> Word Count (1)
 UserId="63031" --> Word Count (64)
 UserId="63031" --> Word Count (103)
 UserId="18124" Comment="included another viewing angle" --> Word Count (272)
 UserId="63052" --> Word Count (49)
 UserId="63052" --> Word Count (5)
 UserId="63052" --> Word Count (1)
 UserId="62064" --> Word Count (39)
 UserId="62064" --> Word Count (4)
 UserId="62064" --> Word Count (1)
 UserId="43077" Comment="added 27 characters in body" --> Word Count (365)
 UserId="63031" --> Word Count (74)
 UserId="63031" --> Word Count (15)
 UserId="23334" --> Word Count (97)
 UserId="23334" Comment="added 145 characters in body" --> Word Count (112)

UserId="63009" Comment="added 511 characters in body" --> Word Count (149)
 UserId="63009" Comment="added 15 characters in body" --> Word Count (155)
 UserId="43077" --> Word Count (139)
 UserId="43077" Comment="added 66 characters in body" --> Word Count (177)
 UserId="61936" Comment="added 1 character in body" --> Word Count (48)
 UserId="61936" Comment="deleted 40 characters in body" --> Word Count (49)
 UserId="63067" --> Word Count (55)
 UserId="63067" --> Word Count (4)
 UserId="63067" --> Word Count (1)
 UserId="42772" --> Word Count (111)
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 the need of scrolling." --> Word Count (74)
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 confusion for future readers (specially beginners)." --> Word Count (72)
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Count (1)

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My question to the community is how would you achieve this as accurately as possible?

I was first looking at [Mechanical Turk][1], where you can hire people to label each article manually for you. And this may be the best way forward *but expensive*.
[![enter image description

here][2]]


Next, I thought about all of those existing popular libraries (some of whom have already used Mechanical Turk) that do sentiment analysis ([AFINN][3], [Bing Liu][4], [MPQA][5], [VADER][6], [TextBlob][7], etc.)

1. Sentiment Idea

My current idea is that I run each news article across a few of these libraries (for example AFINN, then TextBlob, then VADER) and for those articles who show positive, negative, neutral unanimously though all three libs are accepted into the corpus. Does that seem like a fairly strong and reasonable verification process?

2. Language Idea

The next issue pertains to language itself. The 3 lib pipeline above can be executed in English with no issue. However these libraries do not uniformly support many other languages (Spanish, German, Chinese, Arabic, French, Portuguese, etc.) I was thinking about doing what VADER suggests and taking the news stories in non-english languages and sending them through Google Translation API to get them into English and then send them through the existing 3 lib pipeline above. I do realize there will be a loss in semantics for many articles. However, my *hope* is that enough articles will translate well enough that some pass through the 3 lib pipeline. 

I am aware that translating and sending news articles through this triple blind sentiment pipe may take a 100k corpus and yield 10k results. I am fine with that. The accuracy and then price is my concern. I can easily acquire more data. 

What would you do that may be a more accurate way of achieving a sentiment corpus of news articles? Is there an existing best used practice for assembling a corpus like this?

 [1]: <https://www.mturk.com/>
 [2]:

<https://i.stack.imgur.com/5izMO.png>
 [3]:

<https://github.com/fnielsen/afinn>
 [4]:

<https://www.cs.uic.edu/~liub/FBS/sentiment-analysis.html>
 [5]:

http://mpqa.cs.pitt.edu/lexicons/subj_lexicon/
 [6]:

<https://github.com/cjhutto/vaderSentiment>
 [7]:

<https://github.com/sloria/> --> Word Count (1)

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However, since we generally don't delve deeply onto things in class, I want to take some time to review the fundamentals and understand things deeply in order to advance to more complex notions. When I did some research I came across these books :

- Data Mining: The --> Word Count (95)
 UserId="63430" --> Word Count (8)
 UserId="63430" --> Word Count (1)
 UserId="54953" --> Word Count (686)
 UserId="54953" --> Word Count (9)
 UserId="54953" --> Word Count (1)
 UserId="54953" Comment="edited body" --> Word Count (686)
 UserId="51714" --> Word Count (162)
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 UserId="51714" --> Word Count (1)
 UserId="51714" Comment="added 176 characters in body" --> Word Count (189)
 UserId="63378" --> Word Count (98)
 UserId="23159" --> Word Count (1109)
 UserId="63434" --> Word Count (164)
 UserId="63434" Text="Generally I have seen SVM perform well with --> Word Count (52)
 UserId="61080" --> Word Count (278)
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 UserId="50406" --> Word Count (1)
 UserId="45264" --> Word Count (566)
 UserId="28175" --> Word Count (53)
 UserId="28175" Comment="edited tags; added 8 characters in body" --> Word Count (1)
 UserId="28175" Comment="edited tags; added 8 characters in body" --> Word Count (87)
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 UserId="33323" --> Word Count (153)

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 UserId="63444" --> Word Count (99)
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 UserId="33323" Comment="added 88 characters in body" --> Word Count (189)
 UserId="63449" --> Word Count (56)
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 UserId="63449" --> Word Count (1)
 UserId="33323" Comment="edited tags" --> Word Count (1)
 UserId="23159" --> Word Count (42)
 UserId="23159" Comment="formatting" --> Word Count (68)
 UserId="33323" Comment="deleted 9 characters in body" --> Word Count (188)
 UserId="33323" Comment="deleted 21 characters in body" --> Word Count (185)
 UserId="62641" --> Word Count (122)
 UserId="26562" Comment="improved formatting" --> Word Count (245)
 UserId="33323" Comment="added 79 characters in body" --> Word Count (197)
 UserId="33323" Comment="added 150 characters in body" --> Word Count (228)
 UserId="33323" Comment="added 150 characters in body" --> Word Count (259)
 UserId="33323" Comment="added 231 characters in body" --> Word Count (294)
 UserId="63444" Comment="added 760 characters in body" --> Word Count (226)
 UserId="50406" Comment="edited title" --> Word Count (7)
 UserId="62641" Comment="Make it more readable" --> Word Count (76)
 UserId="32492" Comment="Formatting changes" --> Word Count (476)
 UserId="63462" --> Word Count (108)
 UserId="63462" --> Word Count (4)
 UserId="63462" --> Word Count (1)
 UserId="8820" --> Word Count (69)
 UserId="8820" Comment="edited title" --> Word Count (8)
 UserId="38892" Comment="mathjax formatting" --> Word Count (227)
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 UserId="40515" --> Word Count (12)
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 UserId="63472" --> Word Count (16)
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 UserId="63489" --> Word Count (1)
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 UserId="29575" Comment="Focus to one question" --> Word Count (7)
 UserId="19261" --> Word Count (150)
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 UserId="19261" --> Word Count (1)
 UserId="31434" --> Word Count (159)
 UserId="63493" --> Word Count (608)
 UserId="40515" Comment="added some important information" --> Word Count (92)
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 UserId="58849" --> Word Count (11)
 UserId="58849" --> Word Count (1)
 UserId="63378" --> Word Count (83)
 UserId="63444" Comment="added 80 characters in body" --> Word Count (240)
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 UserId="45907" --> Word Count (13)
 UserId="45907" --> Word Count (1)
 UserId="63315" --> Word Count (101)
 UserId="63493" Comment="added 1 character in body" --> Word Count (608)
 UserId="42772" --> Word Count (259)

UserId="42772" --> Word Count (6)
 UserId="42772" --> Word Count (1)
 UserId="50406" --> Word Count (163)
 UserId="63523" --> Word Count (65)
 UserId="63523" --> Word Count (2)
 UserId="63523" --> Word Count (1)
 UserId="56654" --> Word Count (410)
 UserId="63237" --> Word Count (93)
 UserId="52816" --> Word Count (91)
 UserId="61468" --> Word Count (188)
 UserId="61468" --> Word Count (11)
 UserId="61468" --> Word Count (1)
 UserId="56654" --> Word Count (242)
 UserId="56654" Comment="Add a note" --> Word Count (310)
 UserId="63527" --> Word Count (426)
 UserId="63527" --> Word Count (11)
 UserId="63527" --> Word Count (1)
 UserId="63528" --> Word Count (118)
 UserId="63528" --> Word Count (6)
 UserId="63528" --> Word Count (1)
 UserId="63527" Comment="added 17 characters in body" --> Word Count (428)
 UserId="23398" Comment="added 88 characters in body" --> Word Count (154)
 UserId="56654" --> Word Count (304)
 UserId="31487" --> Word Count (176)
 UserId="31487" --> Word Count (7)
 UserId="31487" --> Word Count (1)
 UserId="63237" --> Word Count (90)
 UserId="63527" Comment="added 213 characters in body" --> Word Count (459)
 UserId="63237" --> Word Count (145)
 UserId="29575" Comment="Minor formatting" --> Word Count (94)
 UserId="31434" Comment="Answed comment question." --> Word Count (271)
 UserId="29575" Comment="Minor grammar" --> Word Count (68)
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (144)
 UserId="29575" Comment="Minor formatting" --> Word Count (167)
 UserId="23159" --> Word Count (162)
 UserId="23159" Comment="added 2 characters in body" --> Word Count (162)
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 UserId="63536" --> Word Count (661)
 UserId="63536" --> Word Count (5)
 UserId="63536" --> Word Count (1)
 UserId="63464" --> Word Count (55)
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 UserId="61535" --> Word Count (1)
 UserId="57453" --> Word Count (238)
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UserId="63545" --> Word Count (115)
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 UserId="63545" --> Word Count (1)
 UserId="40139" --> Word Count (152)
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 UserId="40139" Comment="bullet points" --> Word Count (152)
 UserId="29575" Comment="indent code so shows correctly" --> Word Count (111)
 UserId="63548" --> Word Count (81)
 UserId="63548" --> Word Count (13)
 UserId="63548" --> Word Count (1)
 UserId="63549" --> Word Count (111)
 UserId="45264" --> Word Count (239)
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 UserId="58083" --> Word Count (3)
 UserId="58083" --> Word Count (1)
 UserId="63548" Comment="added 943 characters in body" --> Word Count (92)
 UserId="63548" Comment="added 943 characters in body" --> Word Count (1)
 UserId="45264" --> Word Count (84)
 UserId="54395" Comment="deleted 115 characters in body" --> Word Count (727)
 UserId="60011" --> Word Count (435)
 UserId="60011" --> Word Count (9)
 UserId="60011" --> Word Count (1)
 UserId="51125" --> Word Count (71)
 UserId="51125" --> Word Count (7)
 UserId="51125" --> Word Count (1)
 UserId="60011" Comment="deleted 28 characters in body" --> Word Count (431)
 UserId="51125" Comment="added 463 characters in body" --> Word Count (198)
 UserId="60011" --> Word Count (7)
 UserId="56654" --> Word Count (155)
 UserId="51125" Comment="added 125 characters in body" --> Word Count (218)
 UserId="63561" --> Word Count (72)
 UserId="63561" --> Word Count (14)
 UserId="63561" --> Word Count (1)
 UserId="63398" --> Word Count (361)
 UserId="63398" --> Word Count (9)
 UserId="63398" --> Word Count (1)
 UserId="33279" --> Word Count (272)
 UserId="33279" --> Word Count (13)
 UserId="33279" --> Word Count (1)
 UserId="63570" --> Word Count (1711)
 UserId="63570" --> Word Count (6)
 UserId="63570" --> Word Count (1)
 UserId="39590" --> Word Count (24)
 UserId="39590" --> Word Count (3)
 UserId="39590" --> Word Count (1)
 UserId="45264" Comment="Addede extra code to test availability of GPU" --> Word

Count (1048)

UserId="60621" --> Word Count (139)

UserId="60621" --> Word Count (8)

UserId="60621" --> Word Count (1)

UserId="63581" --> Word Count (53)

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UserId="63584" --> Word Count (66)

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UserId="63584" --> Word Count (1)

UserId="29575" Comment="Minor grammar" --> Word Count (608)

UserId="60954" --> Word Count (303)

UserId="40139" Comment="Updating with question links" --> Word Count (163)

UserId="63594" --> Word Count (150)

UserId="63583" Comment="added 208 characters in body" --> Word Count (144)

UserId="50406" Text="Cleaning data largely varies from data to data. Considering you are talking mostly about **unstructured data**, it can be of two types, namely ***Image data*** and ***text data***. The process of cleaning both these data depends on the type of goal required to be achieve using these. A little brief process could be explained as follows:

- ***Image data***: While performing convolutional neural network on the data, the process of feature extraction from the data is automated. Specific pre-processing need to be carried out aiming it to the target. This includes:
 - Keeping the data set close to the actual data on which the model is to be tested.
 - Removing any unnecessary images that do not co-ordinate with the corresponding label.
 - Resizing the images as per the model requirement.

- ***Text data***: --> Word Count (90)

UserId="63548" Comment="edited title" --> Word Count (12)

UserId="24858" --> Word Count (43)

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UserId="63602" --> Word Count (46)

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UserId="63602" --> Word Count (1)

UserId="63237" --> Word Count (27)

UserId="63237" Comment="added 7 characters in body" --> Word Count (145)

UserId="45264" --> Word Count (156)

UserId="57484" --> Word Count (201)

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UserId="57484" --> Word Count (1)

UserId="45264" --> Word Count (327)

UserId="49700" --> Word Count (41)
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 UserId="63609" --> Word Count (251)
 UserId="63609" --> Word Count (9)
 UserId="63609" --> Word Count (1)
 UserId="61530" --> Word Count (160)
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 UserId="63468" --> Word Count (273)
 UserId="63468" --> Word Count (19)
 UserId="63468" --> Word Count (1)
 UserId="63618" --> Word Count (178)
 UserId="63618" --> Word Count (5)
 UserId="63618" --> Word Count (1)
 UserId="42772" --> Word Count (213)
 UserId="42772" --> Word Count (12)
 UserId="42772" --> Word Count (1)
 UserId="62641" --> Word Count (222)
 UserId="62641" --> Word Count (7)
 UserId="62641" --> Word Count (1)
 UserId="61880" --> Word Count (78)
 UserId="50406" --> Word Count (142)
 UserId="63620" --> Word Count (91)
 UserId="63620" --> Word Count (6)
 UserId="63620" --> Word Count (1)
 UserId="63582" --> Word Count (37)
 UserId="42772" Comment="added 2 characters in body" --> Word Count (213)
 UserId="63217" --> Word Count (308)
 UserId="63217" --> Word Count (177)
 UserId="63217" --> Word Count (55)
 UserId="63378" --> Word Count (124)
 UserId="60621" Comment="deleted 1 character in body" --> Word Count (139)
 UserId="50833" --> Word Count (79)
 UserId="23334" --> Word Count (178)
 UserId="23334" --> Word Count (8)
 UserId="23334" --> Word Count (1)
 UserId="58342" --> Word Count (127)
 UserId="58342" --> Word Count (8)
 UserId="58342" --> Word Count (1)
 UserId="23334" Comment="added 248 characters in body" --> Word Count (216)
 UserId="63582" --> Word Count (35)
 UserId="63378" Comment="added 224 characters in body" --> Word Count (134)
 UserId="63237" --> Word Count (59)
 UserId="40139" Comment="Explaining solution" --> Word Count (184)
 UserId="63378" --> Word Count (21)

UserId="50833" --> Word Count (183)
 UserId="63237" --> Word Count (110)
 UserId="63629" --> Word Count (79)
 UserId="63620" Comment="Added labels" --> Word Count (96)
 UserId="61486" --> Word Count (93)
 UserId="61486" --> Word Count (8)
 UserId="61486" --> Word Count (1)
 UserId="63304" --> Word Count (29)
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 UserId="63304" --> Word Count (1)
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 UserId="51714" Comment="deleted 220 characters in body" --> Word Count (157)
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 UserId="41728" --> Word Count (96)
 UserId="29575" Comment="Add link" --> Word Count (124)
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 UserId="29575" Comment="improved the phrasing, IMHO" --> Word Count (170)
 UserId="56707" --> Word Count (21)
 UserId="61177" --> Word Count (198)
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 UserId="63655" --> Word Count (3)
 UserId="63655" --> Word Count (1)
 UserId="53479" --> Word Count (272)
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 UserId="61088" --> Word Count (264)
 UserId="61088" --> Word Count (13)
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 UserId="53479" Comment="added 22 characters in body" --> Word Count (317)
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 UserId="61088" Comment="added 686 characters in body" --> Word Count (507)
 UserId="50406" --> Word Count (90)
 UserId="50406" --> Word Count (106)
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 UserId="44456" --> Word Count (154)
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 UserId="62386" --> Word Count (6)
 UserId="62386" --> Word Count (1)
 UserId="56521" --> Word Count (26)
 UserId="29575" Comment="Minor grammar" --> Word Count (28)
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 UserId="63681" --> Word Count (8)
 UserId="63681" --> Word Count (1)
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 UserId="50406" Comment="Simple grammer corrections" --> Word Count (145)
 UserId="57545" --> Word Count (255)
 UserId="57545" --> Word Count (11)
 UserId="57545" --> Word Count (1)
 UserId="61880" --> Word Count (107)
 UserId="-1" Comment="104" --> Word Count (6)
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 UserId="51714" --> Word Count (126)
 UserId="17844" --> Word Count (107)
 UserId="63701" --> Word Count (153)
 UserId="63701" --> Word Count (13)
 UserId="63701" --> Word Count (1)
 UserId="50833" --> Word Count (109)
 UserId="44456" Comment="added more descriptions to clarify the updated answer further" --> Word Count (296)
 UserId="51714" Comment="added 18 characters in body" --> Word Count (128)
 UserId="63237" --> Word Count (15)
 UserId="50833" --> Word Count (107)
 UserId="63237" --> Word Count (91)
 UserId="14519" --> Word Count (426)
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 UserId="59032" --> Word Count (1)
 UserId="63707" --> Word Count (31)
 UserId="23159" --> Word Count (252)
 UserId="23159" --> Word Count (5)
 UserId="23159" --> Word Count (1)
 UserId="14519" Comment="deleted 2 characters in body" --> Word Count (426)
 UserId="63378" --> Word Count (22)
 UserId="63237" Comment="deleted 3 characters in body" --> Word Count (90)
 UserId="49700" --> Word Count (79)
 UserId="49700" Comment="added 78 characters in body" --> Word Count (92)
 UserId="60640" --> Word Count (120)
 UserId="49700" Comment="added 2 characters in body" --> Word Count (93)
 UserId="41206" --> Word Count (58)
 UserId="41206" --> Word Count (5)

UserId="41206" --> Word Count (1)
 UserId="63481" --> Word Count (56)
 UserId="50833" Comment="I removed the first 2 in your suggested input shape (n,320,2*20). You won't get extra points, just extra information per point" --> Word Count (246)
 UserId="29575" Comment="I removed the first 2 in your suggested input shape (n,320,2*20). You won't get extra points, just extra information per point" --> Word Count (244)
 UserId="49700" Comment="Added a line to clarify the issue." --> Word Count (90)
 UserId="29575" Comment="Added a line to clarify the issue." --> Word Count (88)
 UserId="23159" --> Word Count (285)
 UserId="63717" --> Word Count (38)
 UserId="63717" --> Word Count (14)
 UserId="63717" --> Word Count (1)
 UserId="51714" --> Word Count (252)
 UserId="44456" Comment="added an example to demonstrate the use case" --> Word Count (498)
 UserId="63725" --> Word Count (44)
 UserId="63725" --> Word Count (13)
 UserId="63725" --> Word Count (1)
 UserId="63724" --> Word Count (128)
 UserId="63724" --> Word Count (4)
 UserId="63724" --> Word Count (1)
 UserId="63202" Comment="Clarify X_2d, y_2d" --> Word Count (364)
 UserId="51714" Comment="added 588 characters in body" --> Word Count (349)
 UserId="23159" --> Word Count (59)
 UserId="63730" --> Word Count (47)
 UserId="63730" --> Word Count (12)
 UserId="63730" --> Word Count (1)
 UserId="41206" Comment="added 45 characters in body" --> Word Count (64)
 UserId="63735" --> Word Count (138)
 UserId="63735" --> Word Count (11)
 UserId="63735" --> Word Count (1)
 UserId="26019" Comment="edited body" --> Word Count (30)
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 UserId="63737" --> Word Count (159)
 UserId="63737" --> Word Count (5)
 UserId="63737" --> Word Count (1)
 UserId="56355" --> Word Count (92)
 UserId="56355" --> Word Count (7)
 UserId="56355" --> Word Count (1)
 UserId="63578" --> Word Count (5868)
 UserId="63578" --> Word Count (9)
 UserId="63578" --> Word Count (1)
 UserId="63736" --> Word Count (64)
 UserId="63736" --> Word Count (5)
 UserId="63736" --> Word Count (1)
 UserId="63578" Comment="added 2 characters in body" --> Word Count (5868)

UserId="57813" --> Word Count (45)
 UserId="57813" --> Word Count (14)
 UserId="57813" --> Word Count (1)
 UserId="63390" --> Word Count (86)
 UserId="58743" --> Word Count (119)
 UserId="58743" --> Word Count (9)
 UserId="58743" --> Word Count (1)
 UserId="57825" --> Word Count (137)
 UserId="57825" --> Word Count (7)
 UserId="57825" --> Word Count (1)
 UserId="62386" --> Word Count (36)
 UserId="62386" --> Word Count (15)
 UserId="62386" --> Word Count (1)
 UserId="710" Comment="this has nothing to do with RStudio. it's an R question.
 the H1 markdown tag was unnecessary" --> Word Count (36)
 UserId="710" Comment="this has nothing to do with RStudio. it's an R question.
 the H1 markdown tag was unnecessary" --> Word Count (13)
 UserId="710" Comment="this has nothing to do with RStudio. it's an R question.
 the H1 markdown tag was unnecessary" --> Word Count (1)
 UserId="62386" Comment="this has nothing to do with RStudio. it's an R question.
 the H1 markdown tag was unnecessary" --> Word Count (15)
 UserId="49700" Comment="added 12 characters in body" --> Word Count (95)
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 UserId="63237" --> Word Count (3)
 UserId="63237" Comment="added 161 characters in body" --> Word Count (27)
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 UserId="29575" Comment="Remove extra commentary" --> Word Count (64)
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UserId="26" Comment="edited title" --> Word Count (8)
UserId="26" Comment="added 53 characters in body" --> Word Count (256)
UserId="26" Comment="added 53 characters in body" --> Word Count (275)
UserId="26" Comment="added 4 characters in body" --> Word Count (275)
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UserId="41206" Comment="added 65 characters in body" --> Word Count (75)
UserId="63767" --> Word Count (112)
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 UserId="51865" --> Word Count (12)
 UserId="51865" --> Word Count (1)
 UserId="50833" --> Word Count (40)
 UserId="51865" Comment="edited tags" --> Word Count (1)
 UserId="62386" Comment="added 1 character in body" --> Word Count (70)
 UserId="49556" Comment="added 12 characters in body" --> Word Count (15)
 UserId="14560" --> Word Count (363)
 UserId="57453" --> Word Count (261)
 UserId="45264" Comment="fixed typos " --> Word Count (251)
 UserId="57453" --> Word Count (29)
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 UserId="63810" --> Word Count (95)
 UserId="63810" --> Word Count (12)
 UserId="63810" --> Word Count (1)
 UserId="63811" --> Word Count (79)
 UserId="63811" --> Word Count (8)
 UserId="63811" --> Word Count (1)
 UserId="63810" Comment="added 28 characters in body; edited title" --> Word Count (99)
 UserId="63810" Comment="added 28 characters in body; edited title" --> Word Count (10)
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UserId="29575" Comment="Remove extra commentary" --> Word Count (29)
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 UserId="63817" Comment="added 16 characters in body" --> Word Count (41)
 UserId="23159" --> Word Count (217)
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 UserId="-1" Comment="104" --> Word Count (4)
 UserId="-1" Comment="102" --> Word Count (4)
 UserId="-1" Comment="102" --> Word Count (4)
 UserId="-1" Comment="Fix spelling mistakes" --> Word Count (158)
 UserId="49700" Comment="Many small corrections done." --> Word Count (74)
 UserId="3599" --> Word Count (200)
 UserId="3599" --> Word Count (9)
 UserId="3599" --> Word Count (1)
 UserId="41771" --> Word Count (112)
 UserId="59518" Comment="added 138 characters in body" --> Word Count (163)
 UserId="41771" Comment="Input is not a one-hot vector" --> Word Count (120)
 UserId="63629" --> Word Count (117)
 UserId="63629" --> Word Count (68)
 UserId="63618" --> Word Count (22)
 UserId="63618" --> Word Count (7)
 UserId="63618" --> Word Count (1)
 UserId="63833" --> Word Count (49)
 UserId="63833" --> Word Count (6)
 UserId="63833" --> Word Count (1)
 UserId="63834" --> Word Count (84)
 UserId="63834" --> Word Count (8)
 UserId="63834" --> Word Count (1)
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 UserId="63652" --> Word Count (1)
 UserId="61261" --> Word Count (59)
 UserId="61261" --> Word Count (13)
 UserId="61261" --> Word Count (1)
 UserId="63652" Comment="deleted 77 characters in body" --> Word Count (56)
 UserId="62587" --> Word Count (173)
 UserId="62587" --> Word Count (14)
 UserId="62587" --> Word Count (1)
 UserId="63838" --> Word Count (98)
 UserId="63652" Comment="edited title" --> Word Count (7)

UserId="62386" --> Word Count (86)
 UserId="62386" --> Word Count (7)
 UserId="62386" --> Word Count (1)
 UserId="63840" --> Word Count (94)
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 UserId="63838" --> Word Count (130)
 UserId="63838" --> Word Count (128)
 UserId="23159" --> Word Count (168)
 UserId="41771" --> Word Count (37)
 UserId="63851" --> Word Count (87)
 UserId="63851" --> Word Count (3)
 UserId="63851" --> Word Count (1)
 UserId="40659" --> Word Count (206)
 UserId="40659" --> Word Count (12)
 UserId="40659" --> Word Count (1)
 UserId="41771" --> Word Count (34)
 UserId="41771" --> Word Count (27)
 UserId="23159" Comment="Leave On Out -> Leave One Out" --> Word Count (14)
 UserId="29575" Comment="Leave On Out -> Leave One Out" --> Word Count (173)
 UserId="29575" Comment="Format code" --> Word Count (92)
 UserId="29575" Comment="Minor grammar" --> Word Count (117)
 UserId="54585" Comment="Mainly whitespace for readability" --> Word Count (285)
 UserId="29575" Comment="Mainly whitespace for readability" --> Word Count (285)
 UserId="63856" --> Word Count (149)
 UserId="63856" --> Word Count (7)
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 UserId="29575" Comment="Format Code" --> Word Count (11)
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 UserId="63867" --> Word Count (122)
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 UserId="14560" --> Word Count (182)
 UserId="63869" --> Word Count (82)
 UserId="63869" --> Word Count (7)
 UserId="63869" --> Word Count (1)
 UserId="63869" Comment="deleted 1 character in body" --> Word Count (82)

UserId="62743" --> Word Count (128)
 UserId="23240" --> Word Count (283)
 UserId="40659" Comment="more precise with regards to log likelihood function"
 --> Word Count (251)
 UserId="63871" --> Word Count (39)
 UserId="62386" Comment="added 4 characters in body" --> Word Count (10)
 UserId="62386" --> Word Count (146)
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 UserId="26562" --> Word Count (269)
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 UserId="62046" Comment="Added one more source which helped me solve the same
 query" --> Word Count (210)
 UserId="29575" Comment="Added one more source which helped me solve the same
 query" --> Word Count (211)
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 UserId="63881" --> Word Count (138)
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 UserId="14518" --> Word Count (160)
 UserId="14518" Comment="added 221 characters in body" --> Word Count (191)
 UserId="63887" --> Word Count (47)
 UserId="51156" --> Word Count (91)
 UserId="63361" --> Word Count (101)
 UserId="63886" Comment="Fixing typo pl to plt." --> Word Count (179)
 UserId="26019" Comment="edited body" --> Word Count (94)
 UserId="63629" --> Word Count (95)
 UserId="63629" --> Word Count (117)
 UserId="53812" --> Word Count (266)
 UserId="63421" --> Word Count (72)
 UserId="63421" --> Word Count (4)
 UserId="63421" --> Word Count (1)
 UserId="63377" --> Word Count (201)
 UserId="63838" --> Word Count (160)
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 UserId="60574" --> Word Count (8)
 UserId="60574" --> Word Count (1)
 UserId="30668" --> Word Count (677)
 UserId="30668" --> Word Count (16)
 UserId="30668" --> Word Count (1)
 UserId="15527" --> Word Count (41)
 UserId="14518" Comment="added 225 characters in body" --> Word Count (224)
 UserId="26019" Comment="edited body" --> Word Count (49)
 UserId="29575" Comment="edited body" --> Word Count (49)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (90)
 UserId="23240" --> Word Count (45)

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 UserId="63906" --> Word Count (7)
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 UserId="924" --> Word Count (18)
 UserId="924" --> Word Count (44)
 UserId="63866" --> Word Count (478)
 UserId="63866" --> Word Count (10)
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 UserId="63924" --> Word Count (175)
 UserId="24478" Comment="added 2298 characters in body" --> Word Count (517)
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 UserId="57429" --> Word Count (277)
 UserId="26019" Comment="edited body" --> Word Count (67)
 UserId="63897" Comment="Improved comprehensiveness" --> Word Count (163)
 UserId="63897" Comment="Improved comprehensiveness" --> Word Count (90)
 UserId="26019" Comment="edited body" --> Word Count (189)
 UserId="34269" Comment="improved formatting" --> Word Count (229)
 UserId="63932" --> Word Count (126)
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UserId="63955" Comment="added 135 characters in body" --> Word Count (435)
UserId="63390" --> Word Count (87)
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UserId="58449" Comment="Added more context for the problem I'm trying to solve using deep learning" --> Word Count (720)
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UserId="29575" Comment="Minor formatting" --> Word Count (47)
UserId="29575" Comment="Add some links" --> Word Count (36)
UserId="29575" Comment="Remove extra commentary" --> Word Count (26)
UserId="29575" Comment="Format code" --> Word Count (103)

UserId="29575" Comment="Remove extra commentary" --> Word Count (178)
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 UserId="-1" Comment="102" --> Word Count (3)
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 adding link to explanation" --> Word Count (227)
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 UserId="29575" Comment="improve on spacing" --> Word Count (129)
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 UserId="38892" --> Word Count (88)
 UserId="-1" Comment="104" --> Word Count (4)
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 UserId="64035" --> Word Count (86)
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 UserId="60270" Comment="deleted 12 characters in body" --> Word Count (131)
 UserId="64072" --> Word Count (38)
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 UserId="64072" --> Word Count (1)
 UserId="14518" Comment="added 302 characters in body" --> Word Count (192)
 UserId="64080" --> Word Count (116)
 UserId="64080" --> Word Count (16)
 UserId="64080" --> Word Count (1)
 UserId="64065" Comment="Fix broken link i.e." --> Word Count (165)
 UserId="-1" Comment="104" --> Word Count (3)
 UserId="-1" Comment="102" --> Word Count (5)
 UserId="-1" Comment="102" --> Word Count (3)
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 UserId="23159" --> Word Count (558)
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 UserId="64088" Comment="added 769 characters in body" --> Word Count (234)
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 UserId="64099" --> Word Count (29)

UserId="49700" Comment="deleted 6 characters in body" --> Word Count (693)
UserId="62097" --> Word Count (173)
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UserId="64035" Comment="added 195 characters in body" --> Word Count (107)
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UserId="64104" --> Word Count (1)
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UserId="64035" --> Word Count (104)
UserId="64110" --> Word Count (34)
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UserId="64112" --> Word Count (1)
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UserId="53169" --> Word Count (1)
UserId="16560" --> Word Count (73)
UserId="44389" --> Word Count (163)
UserId="63906" --> Word Count (47)
UserId="201" --> Word Count (369)
UserId="201" --> Word Count (9)
UserId="201" --> Word Count (1)
UserId="64120" --> Word Count (141)
UserId="63629" --> Word Count (10)
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UserId="63652" --> Word Count (1)
UserId="14359" --> Word Count (107)
UserId="64126" --> Word Count (301)
UserId="64126" --> Word Count (5)
UserId="64126" --> Word Count (1)
UserId="6598" --> Word Count (491)
UserId="6598" --> Word Count (8)
UserId="6598" --> Word Count (1)
UserId="51714" --> Word Count (223)
UserId="51714" --> Word Count (9)
UserId="51714" --> Word Count (1)
UserId="51714" Comment="added 155 characters in body" --> Word Count (246)
UserId="35817" --> Word Count (44)
UserId="50833" --> Word Count (95)

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 UserId="29575" Comment="Spelling and grammar checks" --> Word Count (700)
 UserId="29575" Comment="Minor formatting" --> Word Count (91)
 UserId="29575" Comment="Minor formatting" --> Word Count (42)
 UserId="50833" --> Word Count (398)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (34)
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 UserId="62521" --> Word Count (12)
 UserId="62521" --> Word Count (1)
 UserId="28175" --> Word Count (20)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (33)
 UserId="58008" --> Word Count (67)
 UserId="29575" Comment="Minor grammar" --> Word Count (67)
 UserId="43473" Comment="added 235 characters in body" --> Word Count (131)
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 --> Word Count (313)
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 UserId="54929" Comment="Forgot to add link to data set" --> Word Count (10)
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 UserId="63838" --> Word Count (168)
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 UserId="38339" --> Word Count (149)
 UserId="61936" Comment="added 414 characters in body" --> Word Count (154)
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 Word Count (1)
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 UserId="57416" --> Word Count (23)
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 UserId="43077" Comment="added 95 characters in body" --> Word Count (150)
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 UserId="64315" --> Word Count (1)
 UserId="28175" Comment="deleted 2 characters in body" --> Word Count (16)
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 vectors, not asking for a comparison of the packages" --> Word Count (10)
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 UserId="51309" Comment="Improving the writing of my question so that it is clear." --> Word Count (10)
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 UserId="64356" Comment="Final paradox explicited for clarity ; Title adjusted as asker wants to "sort out" (undertand) the output, not directly correcting it." --> Word Count (115)
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 UserId="29575" Comment="Final paradox explicited for clarity ; Title adjusted as asker wants to "sort out" (undertand) the output, not directly correcting it." --> Word Count (114)
 UserId="29575" Comment="Final paradox explicited for clarity ; Title adjusted as asker wants to "sort out" (undertand) the output, not directly correcting it." --> Word Count (4)
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 UserId="50833" --> Word Count (1)
 UserId="29575" Comment="Minor formatting" --> Word Count (188)
 UserId="64356" Comment="Minor typos correction, paragraphs, inconsistent feature name corrected, questions clarified" --> Word Count (92)
 UserId="29575" Comment="Minor typos correction, paragraphs, inconsistent feature name corrected, questions clarified" --> Word Count (82)
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 UserId="45432" Comment="Unwanted removed." --> Word Count (179)
 UserId="8820" --> Word Count (24)
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 UserId="63378" --> Word Count (422)
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 UserId="-1" Comment="102" --> Word Count (2)
 UserId="57548" Comment="edited body" --> Word Count (108)
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 UserId="28542" --> Word Count (73)
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 UserId="60954" --> Word Count (181)
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 UserId="32699" --> Word Count (14)
 UserId="32699" --> Word Count (7)
 UserId="32699" --> Word Count (1)
 UserId="49700" Comment="added 39 characters in body" --> Word Count (48)
 UserId="64469" --> Word Count (180)
 UserId="64469" --> Word Count (8)
 UserId="64469" --> Word Count (1)
 UserId="64469" Comment="added 286 characters in body" --> Word Count (230)
 UserId="49700" Comment="added 194 characters in body" --> Word Count (76)
 UserId="37814" --> Word Count (585)
 UserId="37814" --> Word Count (11)
 UserId="37814" --> Word Count (1)
 UserId="63445" --> Word Count (58)
 UserId="63445" --> Word Count (5)
 UserId="63445" --> Word Count (1)
 UserId="64468" Comment="edited tags" --> Word Count (1)
 UserId="924" --> Word Count (20)
 UserId="45907" --> Word Count (24)
 UserId="45907" --> Word Count (6)
 UserId="45907" --> Word Count (1)
 UserId="63445" Comment="Added details about our particular case" --> Word Count (108)
 UserId="63445" Comment="Added details about our particular case" --> Word Count (1)
 UserId="54944" --> Word Count (74)

UserId="64200" Comment="typo: delete the word "addictive";. (Noah replied, "Even adders can multiply on a log table.")" --> Word Count (211)
 UserId="63445" --> Word Count (384)
 UserId="29575" Comment="Remove extra commentary" --> Word Count (105)
 UserId="29575" Comment="Minor formatting" --> Word Count (4649)
 UserId="54271" --> Word Count (167)
 UserId="54271" --> Word Count (10)
 UserId="54271" --> Word Count (1)
 UserId="64485" --> Word Count (241)
 UserId="64485" --> Word Count (10)
 UserId="64485" --> Word Count (1)
 UserId="63932" --> Word Count (92)
 UserId="63932" Comment="added 149 characters in body" --> Word Count (136)
 UserId="63932" Comment="added 149 characters in body" --> Word Count (170)
 UserId="63932" --> Word Count (96)
 UserId="63932" --> Word Count (111)
 UserId="29575" Comment="Add link" --> Word Count (92)
 UserId="63932" Comment="added 406 characters in body" --> Word Count (166)
 UserId="63932" Comment="added 3 characters in body" --> Word Count (93)
 UserId="45166" Comment="Applying preformatted <code> for readability" --> Word Count (65)
 UserId="11097" Comment="Converted to Comment" --> Word Count (1)
 UserId="11097" Comment="Converted to Comment" --> Word Count (1)
 UserId="11097" Comment="Converted to Comment" --> Word Count (1)
 UserId="37814" Comment="edited title" --> Word Count (11)
 UserId="28175" Comment="deleted 70 characters in body; edited title" --> Word Count (43)
 UserId="28175" Comment="deleted 70 characters in body; edited title" --> Word Count (5)
 UserId="62641" --> Word Count (98)
 UserId="64494" --> Word Count (259)
 UserId="64494" --> Word Count (7)
 UserId="64494" --> Word Count (1)
 UserId="53812" --> Word Count (67)
 UserId="54271" Comment="edited tags" --> Word Count (1)
 UserId="64498" --> Word Count (74)
 UserId="61756" --> Word Count (90)
 UserId="61756" --> Word Count (8)
 UserId="61756" --> Word Count (1)
 UserId="64504" --> Word Count (91)
 UserId="64504" --> Word Count (9)
 UserId="64504" --> Word Count (1)
 UserId="64500" --> Word Count (102)
 UserId="64500" --> Word Count (7)
 UserId="64500" --> Word Count (1)
 UserId="-1" --> Word Count (3)
 UserId="50833" --> Word Count (168)

UserId="15927" --> Word Count (19)
 UserId="26394" Comment="Code formatting changed" --> Word Count (168)
 UserId="45166" --> Word Count (21)
 UserId="63464" --> Word Count (98)
 UserId="63464" --> Word Count (58)
 UserId="63378" Comment="added 1228 characters in body" --> Word Count (617)
 UserId="64513" --> Word Count (445)
 UserId="64513" --> Word Count (5)
 UserId="64513" --> Word Count (1)
 UserId="63464" --> Word Count (32)
 UserId="60954" --> Word Count (202)
 UserId="63464" Comment="added 409 characters in body" --> Word Count (75)
 UserId="9867" Comment="Statistics shows that statistics cannot be trusted." -->
 Word Count (23)
 UserId="52196" --> Word Count (49)
 UserId="54395" Comment="added 45 characters in body" --> Word Count (40)
 UserId="37330" --> Word Count (149)
 UserId="37330" --> Word Count (8)
 UserId="37330" --> Word Count (1)
 UserId="51714" --> Word Count (26)
 UserId="59744" --> Word Count (39)
 UserId="61261" --> Word Count (23)
 UserId="61261" --> Word Count (7)
 UserId="61261" --> Word Count (1)
 UserId="14586" --> Word Count (230)
 UserId="14586" --> Word Count (4)
 UserId="14586" --> Word Count (1)
 UserId="64543" --> Word Count (181)
 UserId="64543" --> Word Count (4)
 UserId="64543" --> Word Count (1)
 UserId="64545" --> Word Count (51)
 UserId="44456" Comment="code style fix" --> Word Count (289)
 UserId="64549" --> Word Count (98)
 UserId="64549" --> Word Count (16)
 UserId="64549" --> Word Count (1)
 UserId="3314" --> Word Count (102)
 UserId="3314" --> Word Count (12)
 UserId="3314" --> Word Count (1)
 UserId="9123" --> Word Count (53)
 UserId="63932" --> Word Count (85)
 UserId="63932" Comment="added 193 characters in body" --> Word Count (110)
 UserId="64552" --> Word Count (139)
 UserId="64552" --> Word Count (8)
 UserId="64552" --> Word Count (1)
 UserId="64553" --> Word Count (96)
 UserId="64553" --> Word Count (14)
 UserId="64553" --> Word Count (1)
 UserId="-1" Comment="104" --> Word Count (4)

UserId="37814" --> Word Count (69)
UserId="64552" Comment="edited title" --> Word Count (15)
UserId="58384" --> Word Count (13)
UserId="58384" --> Word Count (8)
UserId="58384" --> Word Count (1)
UserId="37330" --> Word Count (23)
UserId="64563" --> Word Count (62)
UserId="64563" --> Word Count (9)
UserId="64563" --> Word Count (1)
UserId="37330" --> Word Count (35)
UserId="62641" --> Word Count (196)
UserId="77" --> Word Count (106)
UserId="77" --> Word Count (7)
UserId="77" --> Word Count (1)
UserId="50866" --> Word Count (36)
UserId="53812" --> Word Count (8)
UserId="61261" --> Word Count (80)
UserId="61261" --> Word Count (4)
UserId="61261" --> Word Count (1)
UserId="53812" Comment="added 3 characters in body" --> Word Count (68)
UserId="64572" --> Word Count (47)
UserId="61261" Comment="added 20 characters in body" --> Word Count (101)
UserId="61261" Comment="added 20 characters in body" --> Word Count (6)
UserId="64042" --> Word Count (257)
UserId="63378" --> Word Count (127)
UserId="57233" --> Word Count (78)
UserId="64042" --> Word Count (169)
UserId="64042" --> Word Count (213)
UserId="64042" --> Word Count (83)
UserId="64042" --> Word Count (202)
UserId="50863" --> Word Count (118)
UserId="57233" --> Word Count (49)
UserId="64569" --> Word Count (179)
UserId="64569" --> Word Count (9)
UserId="64569" --> Word Count (1)
UserId="64569" Comment="edited title" --> Word Count (8)
UserId="33058" --> Word Count (56)
UserId="33058" --> Word Count (8)
UserId="33058" --> Word Count (1)
UserId="45507" Comment="added 133 characters in body" --> Word Count (216)
UserId="64569" Comment="added 3 characters in body" --> Word Count (180)
UserId="37461" --> Word Count (236)
UserId="37461" --> Word Count (11)
UserId="37461" --> Word Count (1)
UserId="64580" --> Word Count (174)
UserId="64580" --> Word Count (13)
UserId="64580" --> Word Count (1)
UserId="61418" --> Word Count (54)

UserId="58413" --> Word Count (538)
 UserId="58413" --> Word Count (12)
 UserId="58413" --> Word Count (1)
 UserId="21" --> Word Count (2)
 UserId="21" --> Word Count (2)
 UserId="21" --> Word Count (2)
 UserId="28175" --> Word Count (1)
 UserId="49590" --> Word Count (36)
 UserId="60954" --> Word Count (102)
 UserId="21" Comment="105" --> Word Count (2)
 UserId="21" Comment="105" --> Word Count (4)
 UserId="21" --> Word Count (44)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="21" Comment="105" --> Word Count (2)
 UserId="44139" Comment="new link" --> Word Count (135)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="101" --> Word Count (4)
 UserId="64588" --> Word Count (202)
 UserId="64588" --> Word Count (10)
 UserId="64588" --> Word Count (1)
 UserId="64588" Comment="Fixed a ration of pos/neg classes" --> Word Count (203)
 UserId="60055" Comment="modify 'error rate' to 'number of epochs' in line 3." --> Word Count (227)
 UserId="64553" Comment="Edited to remove the opinion-based question" --> Word Count (103)
 UserId="62052" --> Word Count (18)
 UserId="62052" --> Word Count (5)
 UserId="62052" --> Word Count (1)
 UserId="6458" --> Word Count (471)
 UserId="64596" --> Word Count (137)
 UserId="64596" --> Word Count (6031)
 UserId="6458" --> Word Count (45)
 UserId="64385" Comment="deleted 1134 characters in body" --> Word Count (72)
 UserId="54953" --> Word Count (463)
 UserId="64593" --> Word Count (87)
 UserId="64593" --> Word Count (13)
 UserId="64593" --> Word Count (1)
 UserId="51714" --> Word Count (14)
 UserId="34153" --> Word Count (63)
 UserId="64604" --> Word Count (91)
 UserId="64604" --> Word Count (7)
 UserId="64604" --> Word Count (1)
 UserId="61418" --> Word Count (61)
 UserId="64603" --> Word Count (152)
 UserId="64603" --> Word Count (11)
 UserId="64603" --> Word Count (1)
 UserId="61418" Comment="Rewrite the test" --> Word Count (91)

UserId="64604" Comment="Rewrite the test" --> Word Count (97)
 UserId="64230" --> Word Count (113)
 UserId="33202" --> Word Count (46)
 UserId="64609" --> Word Count (251)
 UserId="64609" --> Word Count (11)
 UserId="64609" --> Word Count (1)
 UserId="64611" --> Word Count (60)
 UserId="64610" --> Word Count (16)
 UserId="64610" --> Word Count (5)
 UserId="64610" --> Word Count (1)
 UserId="62598" --> Word Count (146)
 UserId="61418" --> Word Count (171)
 UserId="17320" Comment="fixed career" --> Word Count (79)
 UserId="17320" Comment="fixed career" --> Word Count (6)
 UserId="61418" Comment="Adding some information from the comments in the question." --> Word Count (197)
 UserId="58451" --> Word Count (23)
 UserId="61418" --> Word Count (160)
 UserId="64151" --> Word Count (1059)
 UserId="64151" --> Word Count (10)
 UserId="64151" --> Word Count (1)
 UserId="58743" --> Word Count (108)
 UserId="58743" --> Word Count (13)
 UserId="58743" --> Word Count (1)
 UserId="33202" --> Word Count (120)
 UserId="61916" --> Word Count (59)
 UserId="45913" --> Word Count (32)
 UserId="33202" Comment="Add python tag in an attempt to get syntax highlighting" --> Word Count (1)
 UserId="61418" Comment="Adding full explanation of GANs." --> Word Count (116)
 UserId="6458" Comment="rstudio tag not appropriate" --> Word Count (1)
 UserId="61418" Comment="Adding full explanation of GANs." --> Word Count (34)
 UserId="61418" Comment="Better title and text" --> Word Count (19)
 UserId="61418" Comment="Better title and text" --> Word Count (5)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="33202" --> Word Count (242)
 UserId="33202" --> Word Count (103)
 UserId="64619" --> Word Count (95)
 UserId="64619" --> Word Count (6)
 UserId="64619" --> Word Count (1)
 UserId="6458" --> Word Count (567)
 UserId="6458" Comment="added 208 characters in body" --> Word Count (608)
 UserId="64621" --> Word Count (141)
 UserId="64621" --> Word Count (3)
 UserId="64621" --> Word Count (1)
 UserId="62641" Comment="added 199 characters in body" --> Word Count (208)

UserId="38892" --> Word Count (83)
 UserId="38892" --> Word Count (53)
 UserId="64626" --> Word Count (89)
 UserId="64626" --> Word Count (6)
 UserId="64626" --> Word Count (1)
 UserId="64580" Comment="added 57 characters in body" --> Word Count (186)
 UserId="50866" --> Word Count (77)
 UserId="64628" --> Word Count (114)
 UserId="64628" --> Word Count (4)
 UserId="64628" --> Word Count (1)
 UserId="62950" --> Word Count (302)
 UserId="62950" --> Word Count (10)
 UserId="62950" --> Word Count (1)
 UserId="54271" Comment="added 180 characters in body" --> Word Count (200)
 UserId="54271" Comment="added 180 characters in body" --> Word Count (1)
 UserId="53812" --> Word Count (66)
 UserId="50833" --> Word Count (114)
 UserId="61418" Comment="added 195 characters in body" --> Word Count (90)
 UserId="64631" --> Word Count (286)
 UserId="64631" --> Word Count (11)
 UserId="64631" --> Word Count (1)
 UserId="61418" --> Word Count (35)
 UserId="61418" Comment="added 36 characters in body" --> Word Count (38)
 UserId="64562" --> Word Count (81)
 UserId="64562" --> Word Count (10)
 UserId="64562" --> Word Count (1)
 UserId="61418" --> Word Count (212)
 UserId="64639" --> Word Count (74)
 UserId="64639" --> Word Count (8)
 UserId="64639" --> Word Count (1)
 UserId="64645" --> Word Count (174)
 UserId="64645" --> Word Count (12)
 UserId="64645" --> Word Count (1)
 UserId="37461" --> Word Count (164)
 UserId="37461" --> Word Count (9)
 UserId="37461" --> Word Count (1)
 UserId="45507" Comment="added 1262 characters in body" --> Word Count (388)
 UserId="40951" --> Word Count (180)
 UserId="40951" --> Word Count (11)
 UserId="40951" --> Word Count (1)
 UserId="61418" --> Word Count (132)
 UserId="64654" --> Word Count (53)
 UserId="64654" --> Word Count (6)
 UserId="64654" --> Word Count (1)
 UserId="50833" --> Word Count (174)
 UserId="64655" --> Word Count (296)
 UserId="64655" --> Word Count (4)
 UserId="64655" --> Word Count (1)

UserId="64656" --> Word Count (105)
 UserId="64656" --> Word Count (5)
 UserId="64656" --> Word Count (1)
 UserId="13023" --> Word Count (413)
 UserId="13023" Comment="grammar and more relevant tags for the question." -->
 Word Count (99)
 UserId="13023" Comment="grammar and more relevant tags for the question." -->
 Word Count (1)
 UserId="59446" --> Word Count (776)
 UserId="59446" --> Word Count (12)
 UserId="59446" --> Word Count (1)
 UserId="64657" --> Word Count (205)
 UserId="64657" --> Word Count (10)
 UserId="64657" --> Word Count (1)
 UserId="60583" --> Word Count (70)
 UserId="13023" Comment="added information about feature engineering" --> Word
 Count (484)
 UserId="6458" Comment="Proper code and link formatting." --> Word Count (85)
 UserId="37935" --> Word Count (117)
 UserId="37935" Comment="added 6 characters in body" --> Word Count (119)
 UserId="13023" Comment="added tags, removed tags, clarified everything better
 title" --> Word Count (74)
 UserId="13023" Comment="added tags, removed tags, clarified everything better
 title" --> Word Count (10)
 UserId="13023" Comment="added tags, removed tags, clarified everything better
 title" --> Word Count (1)
 UserId="13023" --> Word Count (120)
 UserId="64651" --> Word Count (47)
 UserId="64651" --> Word Count (3)
 UserId="64651" --> Word Count (1)
 UserId="59446" Comment="changed f1-score to cross-val-score... I was calculating
 the 5-cross-val score and printing f1-score" --> Word Count (802)
 UserId="59446" Comment="changed f1-score to cross-val-score... I was calculating
 the 5-cross-val score and printing f1-score" --> Word Count (13)
 UserId="43294" --> Word Count (336)
 UserId="59916" --> Word Count (486)
 UserId="50478" --> Word Count (97)
 UserId="13023" Comment="added tag, improved the quality of the question" -->
 Word Count (57)
 UserId="13023" Comment="added tag, improved the quality of the question" -->
 Word Count (9)
 UserId="13023" Comment="added tag, improved the quality of the question" -->
 Word Count (1)
 UserId="13023" --> Word Count (112)
 UserId="64669" --> Word Count (819)
 UserId="64669" --> Word Count (18)
 UserId="64669" --> Word Count (1)
 UserId="61418" --> Word Count (143)

UserId="6403" --> Word Count (51)
UserId="6403" --> Word Count (7)
UserId="6403" --> Word Count (1)
UserId="23159" --> Word Count (166)
UserId="64669" Comment="added 132 characters in body" --> Word Count (832)
UserId="54552" --> Word Count (129)
UserId="54552" --> Word Count (8)
UserId="54552" --> Word Count (1)
UserId="33202" --> Word Count (57)
UserId="6403" Comment="edited tags" --> Word Count (1)
UserId="59385" --> Word Count (85)
UserId="23159" --> Word Count (206)
UserId="63906" --> Word Count (26)
UserId="61418" Comment="Fix the name of the second to last journal" --> Word Count (235)
UserId="26019" Comment="edited body" --> Word Count (121)
UserId="63932" --> Word Count (209)
UserId="63932" --> Word Count (122)
UserId="63932" Comment="added 1132 characters in body" --> Word Count (303)
UserId="62846" --> Word Count (28)
UserId="62846" --> Word Count (11)
UserId="62846" --> Word Count (1)
UserId="62846" Comment="added 15 characters in body" --> Word Count (29)
UserId="64652" --> Word Count (67)
UserId="64652" --> Word Count (9)
UserId="64652" --> Word Count (1)
UserId="62097" --> Word Count (39)
UserId="51106" --> Word Count (142)
UserId="51106" --> Word Count (9)
UserId="51106" --> Word Count (1)
UserId="64533" --> Word Count (95)
UserId="64636" --> Word Count (507)
UserId="64636" --> Word Count (4)
UserId="64636" --> Word Count (1)
UserId="64533" --> Word Count (294)
UserId="64533" --> Word Count (43)
UserId="60583" --> Word Count (73)
UserId="63378" --> Word Count (49)
UserId="64577" --> Word Count (117)
UserId="64577" --> Word Count (13)
UserId="64577" --> Word Count (1)
UserId="61790" --> Word Count (61)
UserId="61790" --> Word Count (10)
UserId="61790" --> Word Count (1)
UserId="53812" --> Word Count (32)
UserId="50833" --> Word Count (174)
UserId="64700" --> Word Count (294)
UserId="64700" --> Word Count (14)

UserId="64700" --> Word Count (1)
 UserId="58384" --> Word Count (179)
 UserId="58384" --> Word Count (13)
 UserId="58384" --> Word Count (1)
 UserId="27360" --> Word Count (55)
 UserId="62664" --> Word Count (46)
 UserId="62664" --> Word Count (9)
 UserId="62664" --> Word Count (1)
 UserId="56246" --> Word Count (209)
 UserId="56246" --> Word Count (5)
 UserId="56246" --> Word Count (1)
 UserId="63378" --> Word Count (170)
 UserId="63378" Comment="deleted 9 characters in body" --> Word Count (168)
 UserId="63378" Comment="added 12 characters in body" --> Word Count (168)
 UserId="63378" Comment="added 34 characters in body" --> Word Count (181)
 UserId="64711" --> Word Count (267)
 UserId="64711" --> Word Count (5)
 UserId="64711" --> Word Count (1)
 UserId="43294" --> Word Count (210)
 UserId="29842" --> Word Count (446)
 UserId="37330" --> Word Count (155)
 UserId="37330" --> Word Count (4)
 UserId="37330" --> Word Count (1)
 UserId="17054" Comment="added 1013 characters in body" --> Word Count (490)
 UserId="49456" --> Word Count (52)
 UserId="49456" --> Word Count (6)
 UserId="49456" --> Word Count (1)
 UserId="64596" --> Word Count (41)
 UserId="56246" Comment="added 25 characters in body" --> Word Count (215)
 UserId="64715" --> Word Count (146)
 UserId="64715" --> Word Count (16)
 UserId="64715" --> Word Count (1)
 UserId="64715" Comment="made the title simpler and abstract" Text="Approximate
 --> Word Count (5)
 UserId="64717" --> Word Count (40)
 UserId="13023" --> Word Count (130)
 UserId="13023" Comment="No need to use the deep learning tag" --> Word Count
 (61)
 UserId="13023" Comment="No need to use the deep learning tag" --> Word Count
 (12)
 UserId="13023" Comment="No need to use the deep learning tag" --> Word Count
 (1)
 UserId="64720" --> Word Count (135)
 UserId="64720" --> Word Count (6)
 UserId="64720" --> Word Count (1)
 UserId="13023" --> Word Count (307)
 UserId="13023" Comment="Edit content for clarity also added the tag regex
 because that's the only way to solve the question." --> Word Count (138)

UserId="13023" Comment="Edit content for clarity also added the tag regex because that's the only way to solve the question." --> Word Count (5)
 UserId="13023" Comment="Edit content for clarity also added the tag regex because that's the only way to solve the question." --> Word Count (1)
 UserId="13023" --> Word Count (136)
 UserId="13023" Comment="impute means to lay the responsibility or blame for (something) often falsely or unjustly, edit to fix that word." --> Word Count (537)
 UserId="13023" Comment="impute means to lay the responsibility or blame for (something) often falsely or unjustly, edit to fix that word." --> Word Count (6)
 --> Word Count (199)
 UserId="64730" --> Word Count (67)
 UserId="21" Comment="101" --> Word Count (2)
 UserId="61418" Comment="Adding classification label" --> Word Count (1)
 UserId="64385" Comment="deleted 296 characters in body" --> Word Count (26)
 UserId="63540" --> Word Count (238)
 UserId="63540" --> Word Count (6)
 UserId="63540" --> Word Count (1)
 UserId="53812" --> Word Count (15)
 UserId="63378" Comment="added 5 characters in body" --> Word Count (181)
 UserId="63378" --> Word Count (63)
 UserId="64744" --> Word Count (59)
 UserId="64744" --> Word Count (2)
 UserId="64744" --> Word Count (1)
 UserId="34153" Comment="added interactions in formula" --> Word Count (85)
 UserId="13023" Comment="better format for code" --> Word Count (307)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="13023" Comment="added information requested in the comment." Text="PoS tagging works for natural language only and identifies grammatical parts of the sentence, nothing more. LSTM is an algorithm that can be used to predict series. [Named Entity Recognition (NER)][1] and [Terminology Extraction][2] could work if you have already data to engage in [Information Extraction (IE)][2]. However, In order to use a these techniques you need to have a trained model and in order to train one you need data. In your case that would involve identifying and tagging parts of the sentence by hand and later training a model with that data.
 

The best approach, in my opinion, is just use regex to identify parts of the sentence as one of the [approaches of Information Extraction][3] and use hard coded rules to best identify what you are trying to replace later.


For instance, if you want to search the version in the example:

> import re

> s = 'Releasing version. 0.0.1 for Stackoverflow, on 01/01/2019. The coverage is 99% and build is passed.'

> re.search(r'Releasing version.(.*?)for', s).group(1)

> ' 0.0.1 '

Check out these resources that will help you parse a log in Python using Regex.


[https://pythonicways.wordpress.com/2016/12/20/log-file-parsing-in-python/] [4]

[https://medium.com/devops-challenge/apache-log-

parser-using-python-8080fbc41dda] [5]

But if you prefer to use Named Entity Recognition or Terminology Extraction techniques you could hack a NER model and train it yourself with your data. Keep in mind though, that according to [Poibeau, Thierry; Kosseim, Leila (2001). "Proper Name Extraction from Non-Journalistic --> Word Count (126)

UserId="64363" --> Word Count (47)

UserId="64363" --> Word Count (4)

UserId="64363" --> Word Count (1)

UserId="13023" Comment="updated link, old link doesn't work anymore" --> Word Count (75)

UserId="13023" Comment="added a new link with pertaining information" Text="PoS tagging works for natural language only and identifies grammatical parts of the sentence, nothing more. LSTM is an algorithm that can be used to predict series. [Named Entity Recognition (NER)] [1] and [Terminology Extraction] [2] could work if you have already data to engage in [Information Extraction (IE)] [2]. However, In order to use a these techniques you need to have a trained model and in order to train one you need data. In your case that would involve identifying and tagging parts of the sentence by hand and later training a model with that data.

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> ' 0.0.1 '

Check out these resources that will help you parse a log in Python using Regex.


[https://pythonicways.wordpress.com/2016/12/20/log-file-parsing-in-python/] [4]

[https://medium.com/devops-challenge/apache-log-parser-using-python-8080fbc41dda] [5]

But if you prefer to use Named Entity Recognition or Terminology Extraction techniques you could hack a NER model and train it yourself with your data. Keep in mind though, that according to [Poibeau, Thierry; Kosseim, Leila (2001). "Proper Name Extraction from Non-Journalistic --> Word Count (138)

UserId="-1" --> Word Count (1)

UserId="-1" --> Word Count (1)

UserId="64755" --> Word Count (224)

UserId="64755" --> Word Count (6)

UserId="64755" --> Word Count (1)

UserId="61418" --> Word Count (59)

UserId="64758" --> Word Count (40)

UserId="64758" --> Word Count (6)

UserId="64758" --> Word Count (1)

UserId="64758" Comment="added 60 characters in body" --> Word Count (44)

UserId="57994" --> Word Count (35)

UserId="64758" Comment="added 33 characters in body" --> Word Count (49)

UserId="13023" --> Word Count (174)

UserId="13023" Comment="added more information about the opposite and less popular approach" --> Word Count (232)
 UserId="64760" --> Word Count (64)
 UserId="13023" Comment="question is not related exclusively or related to matlab, tag removed." --> Word Count (1)
 UserId="64760" --> Word Count (216)
 <DELETE> --> Word Count (97)
 <DELETE> --> Word Count (13)
 <DELETE> --> Word Count (1)
 <DELETE> --> Word Count (122)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="33441" Comment="added 12 characters in body" --> Word Count (96)
 UserId="54580" --> Word Count (99)
 UserId="54580" --> Word Count (11)
 UserId="54580" --> Word Count (1)
 UserId="61418" --> Word Count (72)
 UserId="61418" --> Word Count (197)
 UserId="56947" --> Word Count (79)
 UserId="56947" --> Word Count (5)
 UserId="56947" --> Word Count (1)
 UserId="64643" --> Word Count (379)
 UserId="64643" --> Word Count (5)
 UserId="64643" --> Word Count (1)
 UserId="64775" --> Word Count (1044)
 UserId="64775" --> Word Count (5)
 UserId="64775" --> Word Count (1)
 UserId="59004" --> Word Count (47)
 UserId="59004" --> Word Count (10)
 UserId="59004" --> Word Count (1)
 UserId="61418" --> Word Count (81)
 UserId="61418" --> Word Count (44)
 UserId="50833" --> Word Count (82)
 UserId="50833" --> Word Count (133)
 UserId="64500" --> Word Count (18)
 UserId="64500" --> Word Count (45)
 UserId="64500" --> Word Count (7)
 UserId="64500" --> Word Count (1)
 UserId="63031" --> Word Count (50)
 UserId="64394" Comment="added 59 characters in body" --> Word Count (24)
 UserId="37490" --> Word Count (83)
 UserId="37490" --> Word Count (9)
 UserId="37490" --> Word Count (1)
 UserId="64788" --> Word Count (65)
 UserId="64789" --> Word Count (232)
 UserId="64789" --> Word Count (11)

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 UserId="64789" --> Word Count (57)
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 UserId="64789" --> Word Count (1)
 UserId="59004" --> Word Count (12)
 UserId="27983" --> Word Count (107)
 UserId="64793" --> Word Count (23)
 UserId="64793" --> Word Count (7)
 UserId="64793" --> Word Count (1)
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 UserId="64795" --> Word Count (9)
 UserId="64795" --> Word Count (1)
 UserId="64797" --> Word Count (14)
 UserId="64797" --> Word Count (7)
 UserId="64797" --> Word Count (1)
 UserId="46605" Comment="edited title" --> Word Count (5)
 UserId="56947" Comment="added 113 characters in body" --> Word Count (79)
 UserId="64789" Comment="deleted 70 characters in body" --> Word Count (222)
 UserId="63932" --> Word Count (198)
 UserId="134" Comment="removed thanks, correct punctuation." --> Word Count (238)
 UserId="13023" --> Word Count (413)
 UserId="64805" --> Word Count (184)
 UserId="64805" --> Word Count (4)
 UserId="64805" --> Word Count (1)
 UserId="63171" --> Word Count (346)
 UserId="63171" --> Word Count (11)
 UserId="63171" --> Word Count (1)
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 UserId="63171" --> Word Count (357)
 UserId="50833" --> Word Count (186)
 UserId="64797" Comment="deleted 10 characters in body" --> Word Count (16)
 UserId="64797" Comment="edited tags" --> Word Count (1)
 UserId="45907" --> Word Count (49)
 UserId="45907" --> Word Count (5)
 UserId="45907" --> Word Count (1)
 UserId="50833" --> Word Count (47)
 UserId="50833" --> Word Count (6)
 UserId="50833" --> Word Count (1)
 UserId="27983" --> Word Count (60)
 UserId="64715" Comment="Added concrete problem example i am trying to solve before declaring bounty" --> Word Count (209)
 UserId="62846" --> Word Count (68)
 UserId="13023" Comment="improved question, removed tags" --> Word Count (22)
 UserId="13023" Comment="improved question, removed tags" --> Word Count (11)
 UserId="13023" Comment="improved question, removed tags" --> Word Count (1)

UserId="13023" --> Word Count (190)
 UserId="63932" --> Word Count (136)
 UserId="64828" --> Word Count (41)
 UserId="64828" --> Word Count (12)
 UserId="64828" --> Word Count (1)
 UserId="23144" --> Word Count (96)
 UserId="23144" Comment="added 188 characters in body" --> Word Count (126)
 UserId="23144" Comment="added 1 character in body" --> Word Count (126)
 UserId="63932" --> Word Count (49)
 UserId="63932" Comment="added 397 characters in body" --> Word Count (97)
 UserId="64834" --> Word Count (29)
 UserId="63031" Comment="Corrected library reference" --> Word Count (7)
 UserId="63031" Comment="Corrected library reference" --> Word Count (1)
 UserId="63932" Comment="[Edit removed during grace period]" --> Word Count (170)
 UserId="33279" --> Word Count (79)
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 UserId="33279" --> Word Count (1)
 UserId="64838" --> Word Count (44)
 UserId="64500" --> Word Count (34)
 UserId="64500" --> Word Count (8)
 UserId="64500" --> Word Count (1)
 UserId="13023" Comment="clarification requested by comment." --> Word Count (445)
 UserId="13023" Comment="further explanation with code." --> Word Count (809)
 UserId="13023" Comment="new improvement without bug" --> Word Count (811)
 UserId="43077" Comment="added 79 characters in body" --> Word Count (776)
 UserId="43077" Comment="added 79 characters in body" --> Word Count (784)
 UserId="63171" Comment="added 1133 characters in body" --> Word Count (614)
 UserId="52678" --> Word Count (112)
 UserId="52678" --> Word Count (53)
 UserId="64854" --> Word Count (103)
 UserId="64854" --> Word Count (3)
 UserId="64854" --> Word Count (1)
 UserId="64856" --> Word Count (71)
 UserId="64856" --> Word Count (17)
 UserId="64856" --> Word Count (1)
 UserId="52678" Comment="added 1 character in body" --> Word Count (53)
 UserId="28175" --> Word Count (79)
 UserId="28175" Comment="added 4 characters in body; edited tags" --> Word Count (105)
 UserId="28175" Comment="added 4 characters in body; edited tags" --> Word Count (1)
 UserId="62846" --> Word Count (55)
 UserId="62846" --> Word Count (8)
 UserId="62846" --> Word Count (1)
 UserId="28175" --> Word Count (76)
 UserId="28175" Comment="edited tags" --> Word Count (1)

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 UserId="28175" Comment="added 102 characters in body" --> Word Count (97)
 UserId="8820" --> Word Count (748)
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 UserId="59916" --> Word Count (86)
 UserId="59916" Comment="added 110 characters in body" --> Word Count (89)
 UserId="59916" --> Word Count (66)
 UserId="59916" --> Word Count (137)
 UserId="64865" --> Word Count (26)
 UserId="64867" --> Word Count (237)
 UserId="64867" --> Word Count (17)
 UserId="64867" --> Word Count (1)
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 UserId="61816" --> Word Count (37)
 UserId="61816" --> Word Count (13)
 UserId="61816" --> Word Count (1)
 UserId="28175" --> Word Count (109)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (13)
 UserId="28175" Comment="added 2 characters in body; edited title" --> Word Count (39)
 UserId="28175" Comment="added 2 characters in body; edited title" --> Word Count (13)
 UserId="13023" Comment="removed irrelevant tags" --> Word Count (1)
 UserId="64399" --> Word Count (63)
 UserId="64399" --> Word Count (8)
 UserId="64399" --> Word Count (1)
 UserId="13023" Comment="added clarity to the question" --> Word Count (25)
 UserId="64876" --> Word Count (166)
 UserId="64876" --> Word Count (7)
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 UserId="62664" --> Word Count (62)
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 UserId="64500" Comment="added 354 characters in body" --> Word Count (58)
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 UserId="63932" --> Word Count (1)
 UserId="13023" Comment="The original answer duplicated the raw data columns, edit is: << ',2, raw=TRUE)[, 2] >>. Added two additional cases for this similar to the options in sklearn's "PolynomialFeatures";

function" --> Word Count (832)
UserId="59047" --> Word Count (67)
UserId="59047" --> Word Count (5)
UserId="59047" --> Word Count (1)
UserId="63932" --> Word Count (61)
UserId="63932" Comment="added 297 characters in body" --> Word Count (112)
UserId="63932" Comment="added 297 characters in body" --> Word Count (141)
UserId="64892" --> Word Count (138)
UserId="64892" Comment="deleted 4 characters in body" --> Word Count (138)
UserId="52418" --> Word Count (118)
UserId="52418" --> Word Count (6)
UserId="52418" --> Word Count (1)
UserId="64895" --> Word Count (93)
UserId="64895" --> Word Count (6)
UserId="64895" --> Word Count (1)
UserId="50833" --> Word Count (108)
UserId="49501" Comment="deleted 1 character in body" --> Word Count (137)
UserId="44456" --> Word Count (458)
UserId="42821" --> Word Count (55)
UserId="27983" Comment="Original answer was not good -- major change" --> Word
Count (295)
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UserId="28812" --> Word Count (757)
UserId="28812" --> Word Count (6)
UserId="28812" --> Word Count (1)
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UserId="64904" --> Word Count (82)
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UserId="64908" --> Word Count (112)
UserId="64908" --> Word Count (12)
UserId="64908" --> Word Count (1)
UserId="60428" --> Word Count (61)
UserId="60428" --> Word Count (4)
UserId="60428" --> Word Count (1)
UserId="64910" --> Word Count (52)
UserId="42821" --> Word Count (63)
UserId="52678" Comment="deleted 123 characters in body" --> Word Count (80)
UserId="52678" Comment="added 14 characters in body" --> Word Count (55)
UserId="50833" --> Word Count (132)
UserId="42821" --> Word Count (87)
UserId="50833" --> Word Count (169)
UserId="1330" --> Word Count (40)
UserId="64913" --> Word Count (94)
UserId="64594" --> Word Count (88)
UserId="64594" --> Word Count (6)
UserId="64594" --> Word Count (1)

UserId="29169" --> Word Count (20)
 UserId="64370" --> Word Count (1432)
 UserId="64370" --> Word Count (14)
 UserId="64370" --> Word Count (1)
 UserId="54828" --> Word Count (50)
 UserId="54828" --> Word Count (96)
 UserId="54828" --> Word Count (119)
 UserId="63540" --> Word Count (256)
 UserId="63540" --> Word Count (8)
 UserId="63540" --> Word Count (1)
 UserId="64940" --> Word Count (164)
 UserId="64923" --> Word Count (57)
 UserId="64923" --> Word Count (20)
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 UserId="61261" --> Word Count (1)
 UserId="61418" --> Word Count (71)
 UserId="38892" --> Word Count (148)
 UserId="42821" Comment="deleted 1 character in body" --> Word Count (87)
 UserId="64889" --> Word Count (95)
 UserId="8284" --> Word Count (384)
 UserId="8284" --> Word Count (8)
 UserId="8284" --> Word Count (1)
 UserId="8284" Comment="deleted 1 character in body" --> Word Count (384)
 UserId="45385" --> Word Count (30)
 UserId="8284" Comment="deleted 7 characters in body" --> Word Count (383)
 UserId="8284" Comment="edited tags" --> Word Count (1)
 UserId="64294" --> Word Count (33)
 UserId="64294" --> Word Count (8)
 UserId="64294" --> Word Count (1)
 UserId="8820" --> Word Count (152)
 UserId="8820" Comment="Formatting" --> Word Count (213)
 UserId="64949" --> Word Count (123)
 UserId="62664" Comment="Fixed structure" --> Word Count (62)
 UserId="64953" --> Word Count (133)
 UserId="61418" Comment="added 1 character in body" --> Word Count (71)
 UserId="44477" --> Word Count (27)
 UserId="44477" --> Word Count (5)
 UserId="44477" --> Word Count (1)
 UserId="64953" --> Word Count (104)
 UserId="64953" --> Word Count (102)
 UserId="54828" Comment="deleted 2 characters in body" --> Word Count (96)
 UserId="64953" --> Word Count (71)
 UserId="32989" --> Word Count (48)
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 UserId="32989" --> Word Count (1)

UserId="64961" --> Word Count (25)
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 UserId="64961" --> Word Count (1)
 UserId="836" --> Word Count (171)
 UserId="64953" --> Word Count (152)
 UserId="64962" --> Word Count (87)
 UserId="64963" --> Word Count (62)
 UserId="64963" --> Word Count (3)
 UserId="64963" --> Word Count (1)
 UserId="45374" --> Word Count (108)
 UserId="28175" --> Word Count (351)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="64966" --> Word Count (153)
 UserId="64966" --> Word Count (9)
 UserId="64966" --> Word Count (1)
 UserId="64969" --> Word Count (113)
 UserId="38892" Comment="latexify the picture" --> Word Count (179)
 UserId="64830" --> Word Count (81)
 UserId="64830" --> Word Count (5)
 UserId="64830" --> Word Count (1)
 UserId="50833" --> Word Count (150)
 UserId="50833" --> Word Count (59)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="64985" --> Word Count (198)
 UserId="64985" --> Word Count (10)
 UserId="64985" --> Word Count (1)
 UserId="38892" Comment="using code environment" --> Word Count (161)
 UserId="134" Comment="Removed thanks as not necessary and correct punctuation."
 --> Word Count (564)
 UserId="134" Comment="removed thanks." --> Word Count (776)
 UserId="134" Comment="removed thanks, rephrasing question." --> Word Count (26)
 UserId="64760" Comment="added 143 characters in body" --> Word Count (24)
 UserId="64760" Comment="added 162 characters in body" --> Word Count (27)
 UserId="64817" Comment="Added examples." --> Word Count (97)
 UserId="30617" Comment="Improved reference link formatting" --> Word Count
 (405)
 UserId="21" Comment="104" --> Word Count (3)
 UserId="21" Comment="101" --> Word Count (2)
 UserId="21" Comment="103" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="21" --> Word Count (105)
 UserId="42821" --> Word Count (68)
 UserId="64758" --> Word Count (87)
 UserId="64758" --> Word Count (4)
 UserId="64758" --> Word Count (1)
 UserId="13023" --> Word Count (261)
 UserId="24420" --> Word Count (128)
 UserId="64572" --> Word Count (2562)

UserId="64572" --> Word Count (5)
 UserId="64572" --> Word Count (1)
 UserId="64998" --> Word Count (49)
 UserId="64998" --> Word Count (8)
 UserId="64998" --> Word Count (1)
 UserId="61418" --> Word Count (24)
 UserId="64999" --> Word Count (25)
 UserId="33279" --> Word Count (1362)
 UserId="33279" --> Word Count (11)
 UserId="33279" --> Word Count (1)
 UserId="23305" --> Word Count (120)
 UserId="63445" --> Word Count (156)
 UserId="64760" --> Word Count (201)
 UserId="64760" Comment="Add dim red tag" --> Word Count (1)
 UserId="134" Comment="improved formatting, removed thanks" --> Word Count (23)
 UserId="134" Comment="improved formatting / removed thanks" --> Word Count (87)
 UserId="134" Comment="improved formatting / removed thanks" --> Word Count (26)
 UserId="134" Comment="small formatting improvement + removed thanks " --> Word Count (1086)
 UserId="65004" --> Word Count (75)
 UserId="65004" --> Word Count (10)
 UserId="65004" --> Word Count (1)
 UserId="65009" --> Word Count (28)
 UserId="65009" --> Word Count (12)
 UserId="65009" --> Word Count (1)
 UserId="54229" --> Word Count (78)
 UserId="54229" --> Word Count (13)
 UserId="54229" --> Word Count (1)
 UserId="64953" Comment="added 176 characters in body" --> Word Count (146)
 UserId="64953" Text="To answer your 1st question,I am not sure if a recommendation system based on search history has been implemented or not.This approach does sound cool. 
 
Secondly, yes there are various algorithms to extract phrases from text. Phrase extraction and Text Summarization are one of the most important aspects in development of chatbots for conversational AI. 
To give you an example, there's a good library for this purpose, called Py --> Word Count (81)
 UserId="8820" Comment="no need for "data science" in the title of datascience.SE" --> Word Count (10)
 UserId="8820" --> Word Count (109)
 UserId="64953" --> Word Count (251)
 UserId="64966" Comment="added 440 characters in body" --> Word Count (231)
 UserId="63378" --> Word Count (24)
 UserId="65022" --> Word Count (2316)
 UserId="65022" --> Word Count (13)
 UserId="65022" --> Word Count (1)
 UserId="58384" --> Word Count (47)
 UserId="64758" --> Word Count (432)
 UserId="64758" --> Word Count (8)

UserId="64758" --> Word Count (1)
UserId="64386" --> Word Count (77)
UserId="65004" Comment="added 100 characters in body" --> Word Count (81)
UserId="42821" --> Word Count (61)
UserId="65032" --> Word Count (96)
UserId="65032" --> Word Count (11)
UserId="65032" --> Word Count (1)
UserId="64758" --> Word Count (7)
UserId="54343" --> Word Count (120)
UserId="54343" --> Word Count (12)
UserId="54343" --> Word Count (1)
UserId="53919" --> Word Count (18)
UserId="61418" --> Word Count (135)
UserId="65038" --> Word Count (50)
UserId="65038" --> Word Count (5)
UserId="65038" --> Word Count (1)
UserId="64599" --> Word Count (124)
UserId="64599" --> Word Count (11)
UserId="64599" --> Word Count (1)
UserId="65039" --> Word Count (56)
UserId="64599" Comment="added 1 character in body" --> Word Count (124)
UserId="44875" --> Word Count (129)
UserId="44875" --> Word Count (2)
UserId="44875" --> Word Count (1)
UserId="44875" Comment="added 107 characters in body; edited tags" --> Word
Count (147)
UserId="44875" Comment="added 107 characters in body; edited tags" --> Word
Count (1)
UserId="65022" Comment="added 226 characters in body; edited tags" --> Word
Count (2355)
UserId="65022" Comment="added 226 characters in body; edited tags" --> Word
Count (1)
UserId="64599" Comment="added 136 characters in body" --> Word Count (136)
UserId="65044" --> Word Count (341)
UserId="65044" --> Word Count (8)
UserId="65044" --> Word Count (1)
UserId="44456" Comment="edited body" --> Word Count (233)
UserId="44477" --> Word Count (1790)
UserId="44477" --> Word Count (8)
UserId="44477" --> Word Count (1)
UserId="44477" Comment="edited tags" --> Word Count (1)
UserId="64953" --> Word Count (200)
UserId="28175" Comment="added 90 characters in body" --> Word Count (98)
UserId="28175" Comment="edited title" --> Word Count (9)
UserId="65051" --> Word Count (37)
UserId="45385" --> Word Count (101)
UserId="65052" --> Word Count (85)
UserId="65052" --> Word Count (12)

UserId="65052" --> Word Count (1)
 UserId="134" Comment="improved formatting / removed thanks" --> Word Count (122)
 UserId="134" Comment="improved formatting / removed thanks" --> Word Count (56)
 UserId="134" Comment="improved formatting / removed thanks" --> Word Count (170)
 UserId="65055" --> Word Count (101)
 UserId="65055" --> Word Count (9)
 UserId="65055" --> Word Count (1)
 UserId="39338" Comment="Added relevant tags" --> Word Count (1)
 UserId="65055" Comment="edited title" --> Word Count (10)
 UserId="65055" Comment="edited title" --> Word Count (13)
 UserId="54229" --> Word Count (32)
 UserId="54229" --> Word Count (13)
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 UserId="64165" --> Word Count (49)
 UserId="58155" --> Word Count (70)
 UserId="58155" --> Word Count (4)
 UserId="58155" --> Word Count (1)
 UserId="26394" Comment="Code formatting changed" --> Word Count (71)
 UserId="58155" Comment="added 2 characters in body" --> Word Count (71)
 UserId="55100" --> Word Count (128)
 UserId="55100" --> Word Count (7)
 UserId="55100" --> Word Count (1)
 UserId="55100" Comment="added 131 characters in body" --> Word Count (140)
 UserId="50833" --> Word Count (101)
 UserId="42726" --> Word Count (73)
 UserId="42726" --> Word Count (9)
 UserId="42726" --> Word Count (1)
 UserId="49700" --> Word Count (24)
 UserId="63631" --> Word Count (181)
 UserId="63631" --> Word Count (12)
 UserId="63631" --> Word Count (1)
 UserId="65073" --> Word Count (109)
 UserId="65073" --> Word Count (8)
 UserId="65073" --> Word Count (1)
 UserId="65073" Comment="edited tags" --> Word Count (1)
 UserId="65076" --> Word Count (3)
 UserId="924" --> Word Count (82)
 UserId="3070" Comment="edited body" --> Word Count (884)
 UserId="3070" Comment="Changed confusing parameter name, to more meaningful: n_hidden_layers was incorrect." --> Word Count (857)
 UserId="65081" --> Word Count (83)
 UserId="65081" --> Word Count (7)
 UserId="65081" --> Word Count (1)
 UserId="13023" Comment="added the title of the article" --> Word Count (60)
 UserId="13023" Comment="typo in the title" --> Word Count (7)
 UserId="64553" --> Word Count (259)

UserId="64553" --> Word Count (4)
 UserId="64553" --> Word Count (1)
 UserId="64553" Comment="edited body" --> Word Count (259)
 UserId="17054" Comment="added 1882 characters in body" --> Word Count (846)
 UserId="64772" --> Word Count (49)
 UserId="18170" --> Word Count (297)
 UserId="64760" --> Word Count (395)
 UserId="65090" --> Word Count (95)
 UserId="65090" --> Word Count (9)
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 UserId="53812" --> Word Count (131)
 UserId="50833" --> Word Count (108)
 UserId="63718" --> Word Count (145)
 UserId="63718" --> Word Count (3)
 UserId="63718" --> Word Count (1)
 UserId="63718" Comment="added 57 characters in body" --> Word Count (154)
 UserId="924" --> Word Count (31)
 UserId="13023" Comment="typo in answer" --> Word Count (28)
 UserId="12527" Comment="added details and references" --> Word Count (537)
 UserId="13023" Comment="Improved clarity of task, removed tags as they weren't represented enough in the asnwer." --> Word Count (62)
 UserId="13023" Comment="Improved clarity of task, removed tags as they weren't represented enough in the asnwer." --> Word Count (7)
 UserId="13023" Comment="Improved clarity of task, removed tags as they weren't represented enough in the asnwer." --> Word Count (1)
 UserId="64973" Comment="Added relevant tags and imports in the code" --> Word Count (202)
 UserId="64973" Comment="Added relevant tags and imports in the code" --> Word Count (11)
 UserId="64973" Comment="Added relevant tags and imports in the code" --> Word Count (1)
 UserId="134" Comment="improved formatting / removed thanks" --> Word Count (55)
 UserId="27665" Comment="refine style" --> Word Count (10)
 UserId="21" Comment="102" --> Word Count (3)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="44714" --> Word Count (77)

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 UserId="61756" --> Word Count (11)
 UserId="61756" --> Word Count (1)
 UserId="49700" --> Word Count (77)
 UserId="49700" Comment="added 85 characters in body" --> Word Count (130)
 UserId="45385" --> Word Count (54)
 UserId="53812" Comment="deleted 1 character in body" --> Word Count (131)
 UserId="57237" --> Word Count (83)
 UserId="57237" --> Word Count (11)
 UserId="57237" --> Word Count (1)
 UserId="62528" --> Word Count (134)
 UserId="62528" --> Word Count (8)
 UserId="62528" --> Word Count (1)
 UserId="28175" --> Word Count (261)
 UserId="28175" Comment="edited tags" --> Word Count (1)
 UserId="28175" Comment="edited tags" --> Word Count (82)
 UserId="28175" Comment="edited tags" --> Word Count (9)
 UserId="64985" --> Word Count (76)
 UserId="63856" --> Word Count (144)
 UserId="63856" --> Word Count (8)
 UserId="63856" --> Word Count (1)
 UserId="64553" Comment="Edited to add some proposed CNN input formats" --> Word Count (577)
 UserId="22039" --> Word Count (224)
 UserId="22039" --> Word Count (11)
 UserId="22039" --> Word Count (1)
 UserId="22039" Comment="added 6 characters in body" --> Word Count (228)
 UserId="27526" --> Word Count (136)
 UserId="27526" --> Word Count (11)
 UserId="27526" --> Word Count (1)
 UserId="9584" --> Word Count (195)
 UserId="38339" --> Word Count (73)
 UserId="38339" --> Word Count (59)
 UserId="65022" Comment="added 323 characters in body" --> Word Count (2530)
 UserId="27526" Comment="added 683 characters in body" --> Word Count (234)
 UserId="63718" Comment="added 470 characters in body" --> Word Count (225)
 UserId="924" --> Word Count (91)
 UserId="38339" Comment="added 571 characters in body" --> Word Count (236)
 UserId="45385" --> Word Count (74)
 UserId="20618" --> Word Count (54)
 UserId="20618" --> Word Count (14)
 UserId="20618" --> Word Count (1)
 UserId="49700" Comment="added 100 characters in body" --> Word Count (184)
 UserId="49700" Comment="deleted 6 characters in body" --> Word Count (178)
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 UserId="17054" --> Word Count (7)

UserId="17054" --> Word Count (1)
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 UserId="42821" Comment="added 135 characters in body" --> Word Count (74)
 UserId="42821" Comment="added 135 characters in body" --> Word Count (96)
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 UserId="8820" --> Word Count (10)
 UserId="8820" --> Word Count (1)
 UserId="64949" --> Word Count (229)
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 UserId="42821" --> Word Count (62)
 UserId="65131" --> Word Count (90)
 UserId="37059" --> Word Count (202)
 UserId="37059" --> Word Count (11)
 UserId="37059" --> Word Count (1)
 UserId="61418" --> Word Count (46)
 UserId="65133" --> Word Count (121)
 UserId="65133" --> Word Count (8)
 UserId="65133" --> Word Count (1)
 UserId="61418" --> Word Count (24)
 UserId="65133" Comment="added 966 characters in body" --> Word Count (213)
 UserId="65135" --> Word Count (31)
 UserId="65135" --> Word Count (11)
 UserId="65135" --> Word Count (1)
 UserId="65136" --> Word Count (217)
 UserId="65136" --> Word Count (14)
 UserId="65136" --> Word Count (1)
 UserId="13023" --> Word Count (67)
 UserId="64985" --> Word Count (121)
 UserId="38308" --> Word Count (82)
 UserId="38308" --> Word Count (10)
 UserId="38308" --> Word Count (1)
 UserId="13023" Comment="grammar and clarity" --> Word Count (210)
 UserId="13023" Comment="grammar and clarity" --> Word Count (10)
 UserId="23159" --> Word Count (223)
 UserId="23159" --> Word Count (237)
 UserId="23159" Comment="added 546 characters in body" --> Word Count (331)
 UserId="23159" --> Word Count (111)
 UserId="23159" Comment="added 427 characters in body" --> Word Count (170)
 UserId="51262" --> Word Count (112)
 UserId="51262" --> Word Count (10)
 UserId="51262" --> Word Count (1)
 UserId="65144" --> Word Count (166)
 UserId="65144" --> Word Count (5)
 UserId="65144" --> Word Count (1)
 UserId="21" --> Word Count (12)
 UserId="65147" --> Word Count (46)
 UserId="65147" --> Word Count (12)
 UserId="65147" --> Word Count (1)

UserId="28175" Comment="added 306 characters in body" --> Word Count (126)
 UserId="43294" --> Word Count (199)
 UserId="43294" Text="Mathematically speaking, one can show that an RBF is simply a low-band pass filter. To put it simply, RBF induces a smooth solution. Sometimes that is an important characteristic that matters. However, it isn't always important or useful. For example, it's somewhat well known that a smoothing prior does not outperform a linear/polynomial kernel for problems like
 --> Word Count (130)
 UserId="62929" --> Word Count (372)
 UserId="62929" --> Word Count (11)
 UserId="62929" --> Word Count (1)
 UserId="49700" Comment="added 88 characters in body" --> Word Count (21)
 UserId="26109" --> Word Count (76)
 UserId="65157" --> Word Count (94)
 UserId="65157" --> Word Count (10)
 UserId="65157" --> Word Count (1)
 UserId="65158" --> Word Count (58)
 UserId="65158" --> Word Count (19)
 UserId="65158" --> Word Count (1)
 UserId="49700" Comment="added 13 characters in body" --> Word Count (23)
 UserId="51659" Comment="added 570 characters in body" --> Word Count (413)
 UserId="8820" --> Word Count (121)
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 UserId="34153" --> Word Count (56)
 UserId="65162" Comment="added diagram" --> Word Count (264)
 UserId="58155" --> Word Count (37)
 UserId="6571" --> Word Count (45)
 UserId="6571" --> Word Count (10)
 UserId="6571" --> Word Count (1)
 UserId="59615" --> Word Count (69)
 UserId="59615" --> Word Count (18)
 UserId="59615" --> Word Count (1)
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 UserId="45852" --> Word Count (8)
 UserId="45852" --> Word Count (1)
 UserId="43077" Comment="added 7 characters in body" --> Word Count (135)
 UserId="43077" Comment="added 27 characters in body" --> Word Count (581)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="21" Comment="102" --> Word Count (3)
 UserId="64985" --> Word Count (140)
 UserId="65173" --> Word Count (236)
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 UserId="65173" --> Word Count (1)

UserId="65172" --> Word Count (177)
 UserId="65172" --> Word Count (7)
 UserId="65172" --> Word Count (1)
 UserId="61" Comment="syntax highlighting" --> Word Count (583)
 UserId="53812" --> Word Count (24)
 UserId="3245" --> Word Count (51)
 UserId="3245" --> Word Count (16)
 UserId="3245" --> Word Count (1)
 UserId="65180" --> Word Count (292)
 UserId="65180" --> Word Count (10)
 UserId="65180" --> Word Count (1)
 UserId="1330" --> Word Count (144)
 UserId="38892" --> Word Count (142)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="1330" Comment="added 2 characters in body" --> Word Count (144)
 UserId="8820" --> Word Count (56)
 UserId="8820" --> Word Count (10)
 UserId="8820" --> Word Count (1)
 UserId="53479" Comment="Added a link to a video explanation of the dot product"
 --> Word Count (163)
 UserId="58977" --> Word Count (53)
 UserId="58977" --> Word Count (11)
 UserId="58977" --> Word Count (1)
 UserId="62018" --> Word Count (160)
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 UserId="13023" Comment="grammar and tag removal" --> Word Count (429)
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 UserId="13023" Comment="grammar and tag removal" --> Word Count (1)
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 UserId="65217" --> Word Count (1)
 UserId="62664" --> Word Count (43)
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 UserId="23305" --> Word Count (131)

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 UserId="65228" --> Word Count (1)
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 UserId="26562" Comment="improved latex formatting" --> Word Count (111)
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 UserId="65252" --> Word Count (164)
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 UserId="65252" --> Word Count (1)
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 UserId="64937" --> Word Count (21)
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 UserId="60139" --> Word Count (10)
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 UserId="16401" --> Word Count (398)
 UserId="64973" Comment="added 248 characters in body" --> Word Count (943)
 UserId="12932" Comment="An explanation for the different algorithm in the Downhill library" --> Word Count (272)
 UserId="65264" Comment="Fixing typos in code" --> Word Count (229)

UserId="65267" --> Word Count (101)
 UserId="65267" --> Word Count (14)
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 UserId="63649" --> Word Count (147)
 UserId="65268" --> Word Count (462)
 UserId="65268" --> Word Count (4)
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 UserId="59904" --> Word Count (181)
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 UserId="59904" --> Word Count (1)
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 UserId="65268" Comment="edited tags" --> Word Count (1)
 UserId="65273" --> Word Count (79)
 UserId="65273" --> Word Count (13)
 UserId="65273" --> Word Count (1)
 UserId="65273" Comment="via Vote" --> Word Count (2)
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 UserId="1330" --> Word Count (57)
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 UserId="64985" --> Word Count (68)
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 UserId="54044" --> Word Count (76)
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 UserId="54044" --> Word Count (1)
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 Count (245)
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 UserId="65232" Comment="added 8 characters in body" --> Word Count (76)
 UserId="65232" Comment="added 29 characters in body" --> Word Count (77)
 UserId="63649" Comment="added 968 characters in body" --> Word Count (304)
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UserId="65291" --> Word Count (76)
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 UserId="65292" --> Word Count (14)
 UserId="65292" --> Word Count (1)
 UserId="43294" --> Word Count (131)
 UserId="65292" Comment="edited tags" --> Word Count (1)
 UserId="65294" --> Word Count (168)
 UserId="65294" --> Word Count (6)
 UserId="65294" --> Word Count (1)
 UserId="65295" --> Word Count (152)
 UserId="65295" --> Word Count (13)
 UserId="65295" --> Word Count (1)
 UserId="38892" Comment="latexify some mathy stuff" --> Word Count (525)
 UserId="38339" Comment="added 1796 characters in body" --> Word Count (622)
 UserId="65147" Comment="add clause in beginning of quote" --> Word Count (50)
 UserId="38339" Comment="edited body" --> Word Count (622)
 UserId="65292" Comment="edited title" --> Word Count (16)
 UserId="65292" Comment="edited tags" --> Word Count (1)
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 UserId="65300" --> Word Count (20)
 UserId="65300" --> Word Count (1)
 UserId="44083" Comment="added new tag" --> Word Count (1)
 UserId="65294" Comment="added 16 characters in body" --> Word Count (178)
 UserId="20881" --> Word Count (76)
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 UserId="20881" --> Word Count (1)
 UserId="65300" Comment="added 45 characters in body" --> Word Count (464)
 UserId="65305" --> Word Count (132)
 UserId="65305" --> Word Count (4)
 UserId="65305" --> Word Count (1)
 UserId="65300" Comment="deleted 9 characters in body" --> Word Count (470)
 UserId="65300" Comment="deleted 9 characters in body" --> Word Count (462)
 UserId="54224" --> Word Count (27)
 UserId="62565" --> Word Count (475)
 UserId="62565" --> Word Count (13)
 UserId="62565" --> Word Count (1)
 UserId="62565" Comment="code added" --> Word Count (528)
 UserId="26394" Comment="Code formatting changed" --> Word Count (470)
 UserId="26394" Comment="Code formatting changed" --> Word Count (1)
 UserId="62018" --> Word Count (90)
 UserId="62018" --> Word Count (4)
 UserId="62018" --> Word Count (1)
 UserId="61418" --> Word Count (48)
 UserId="41728" --> Word Count (108)
 UserId="62926" --> Word Count (54)
 UserId="41728" --> Word Count (58)

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UserId="35679" --> Word Count (92)
UserId="63871" --> Word Count (61)
UserId="65319" --> Word Count (609)
UserId="65319" --> Word Count (7)
UserId="65319" --> Word Count (1)
UserId="23240" --> Word Count (193)
UserId="65326" --> Word Count (56)
UserId="65326" --> Word Count (7)
UserId="65326" --> Word Count (1)
UserId="43294" --> Word Count (57)
UserId="65323" Text="I used CountVectorizer and TfidfVectorizer seperately to
vectorize text which is 100K reviews and passed the vector data to a Decision
tree Classifier. Upon using _feature_importances__ attribute of Decision tree
Classifier, the feature importance values for all my feature are just 0.0. But
with the same dataset, I'm able to find feature importances for naives bayes and
logisitic regression by using feature_prob for naive bayes and coef_ attributes
for logisitic regression.&#xD;&#xA;&#xD;&#xA;Other things I tried:&#xD;&#xA;1. I
tried changing ngram_range in countvectorizer&#xD;&#xA;2. I tried limiting/not
limiting min_df and max_feature parameters passed in
countvectorizers&#xD;&#xA;But couldn't make it work. &#xD;&#xA;&#xD;&#xA;Any
help is appreciated&#xD;&#xA;&#xD;&#xA;Code:&#xD;&#xA;&#xD;&#xA;
positivereviews = df[df.Score == 1]&#xD;&#xA;    negativereviews = df[df.Score
== 0]&#xD;&#xA;&#xD;&#xA;    countvect =
CountVectorizer(stop_words='english')&#xD;&#xA;    &#xD;&#xA;    positivebow =
countvect.fit(positivereviews.CleanedText[0:100000])&#xD;&#xA;    &#xD;&#xA;
pos_xtrain =
positivebow.transform(positivereviews.CleanedText[100000:200000])&#xD;&#xA;
&#xD;&#xA;    pos_y = positivereviews.Score[100000:200000]&#xD;&#xA;
&#xD;&#xA;    clf = DecisionTreeClassifier(max_depth=3,
min_samples_split=2)&#xD;&#xA;    &#xD;&#xA;    clf.fit(pos_xtrain,
pos_y)&#xD;&#xA;    &#xD;&#xA;    def show_most_informative_features(vectorizer,
clf, n=20):&#xD;&#xA;        feature_names =
vectorizer.get_feature_names()&#xD;&#xA;        coefs_with_fns =
sorted(zip(clf.feature_importances_, feature_names))&#xD;&#xA;        top =
coefs_with_fns[:-(n + 1):-1]&#xD;&#xA;        for (coef_1, fn_1)in
top:&#xD;&#xA;            print (&quot;\t%.4f\t%-15s&quot;; % (coef_1,
fn_1))&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;
Counter(clf.feature_importances_)&#xD;&#xA;    Counter({0.0:
63514})&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;1) positivereviews is the dataframe which
has features CleanedText and Score&#xD;&#xA;where Cleaned --> Word Count (40)
UserId="65323" --> Word Count (9)
UserId="65323" --> Word Count (1)
UserId="65330" --> Word Count (22)
UserId="38892" Comment="introduce mathjax" --> Word Count (125)
UserId="54944" --> Word Count (127)
UserId="65331" --> Word Count (6446)
UserId="65331" --> Word Count (18)
UserId="65331" --> Word Count (1)

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UserId="65139" Text="A roll-your-own solution using Mathematica is described at <https://pdfs.semanticscholar.org/0245/c38fd1f3c7859c5e22382426178090faa395.pdf> 

I've not found such capability built into Mathematica's core, although that research paper is from 2013.

IBM Cloud's
 --> Word Count (16)

UserId="59916" --> Word Count (86)

UserId="59916" --> Word Count (132)

UserId="63018" Comment="added 380 characters in body" --> Word Count (420)

UserId="38657" --> Word Count (88)

UserId="38657" --> Word Count (15)

UserId="38657" --> Word Count (1)

UserId="65340" --> Word Count (307)

UserId="65340" --> Word Count (6)

UserId="65340" --> Word Count (1)

UserId="62018" Comment="added 1202 characters in body" --> Word Count (231)

UserId="52719" --> Word Count (113)

UserId="62018" Comment="added 1202 characters in body" --> Word Count (241)

UserId="65327" Comment="Title change" --> Word Count (9)

UserId="21" Comment="104" --> Word Count (2)

UserId="1330" Comment="Remove reference to transfer learning" --> Word Count (6)

UserId="65274" --> Word Count (221)

UserId="65274" --> Word Count (6)

UserId="65274" --> Word Count (1)

UserId="65351" --> Word Count (51)

UserId="65228" --> Word Count (178)

UserId="65228" --> Word Count (6)

UserId="65228" --> Word Count (1)

UserId="65228" Comment="added 2 characters in body" --> Word Count (180)

UserId="65228" Comment="added 2 characters in body" --> Word Count (1)

UserId="62386" --> Word Count (28)

UserId="62386" --> Word Count (7)

UserId="62386" --> Word Count (1)

UserId="62386" Comment="added 130 characters in body" --> Word Count (47)

UserId="65359" --> Word Count (213)

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<DELETE> --> Word Count (13)

<DELETE> --> Word Count (1)

UserId="29842" --> Word Count (180)

UserId="42354" --> Word Count (93)

UserId="65292" --> Word Count (268)

UserId="65292" Comment="added 254 characters in body" --> Word Count (281)

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UserId="65369" --> Word Count (1)

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 UserId="59051" --> Word Count (1)
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 UserId="32669" Comment="added 290 characters in body" --> Word Count (770)
 UserId="13023" Comment="tag edited" --> Word Count (1)
 UserId="389" --> Word Count (483)
 UserId="389" Comment="added 1 character in body" --> Word Count (482)
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 UserId="49517" --> Word Count (1)
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 UserId="32361" --> Word Count (1)
 UserId="389" --> Word Count (230)
 UserId="389" Comment="added 256 characters in body" --> Word Count (268)
 UserId="389" Comment="added 11 characters in body" --> Word Count (485)
 UserId="32361" Comment="added 448 characters in body" --> Word Count (168)
 UserId="389" Comment="added 246 characters in body" --> Word Count (508)
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 UserId="65384" --> Word Count (57)
 UserId="65384" --> Word Count (11)
 UserId="65384" --> Word Count (1)
 UserId="65228" --> Word Count (57)
 UserId="65384" --> Word Count (52)
 UserId="65384" --> Word Count (10)
 UserId="65384" --> Word Count (1)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="31592" Comment="Formatted code." --> Word Count (55)
 UserId="54580" Comment="edits to improve code readability and added tags" -->
 Word Count (263)
 UserId="54580" Comment="edits to improve code readability and added tags" -->
 Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="65384" Comment="added 4 characters in body" --> Word Count (53)
 UserId="63871" --> Word Count (45)
 UserId="65323" Comment="added 171 characters in body" Text="I used
 CountVectorizer and TfidfVectorizer seperately to vectorize text which is 100K
 reviews and passed the vector data to a Decision tree Classifier. Upon using

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_feature_importances__ attribute of Decision tree Classifier, the feature
importance values for all my feature are just 0.0. But with the same dataset,
I'm able to find feature importances for naives bayes and logisitic regression
by using feature_prob for naive bayes and coef_ attributes for logisitic
regression.&#xD;&#xA;&#xD;&#xA;Other things I tried:&#xD;&#xA;1. I tried
changing ngram_range in countvectorizer&#xD;&#xA;2. I tried limiting/not
limiting min_df and max_feature parameters passed in
countvectorizers&#xD;&#xA;But couldn't make it work. &#xD;&#xA;&#xD;&#xA;Any
help is appreciated&#xD;&#xA;&#xD;&#xA;Code:&#xD;&#xA;&#xD;&#xA;
positivereviews = df[df.Score == 1]&#xD;&#xA;    negativereviews = df[df.Score
== 0]&#xD;&#xA;&#xD;&#xA;    countvect =
CountVectorizer(stop_words='english')&#xD;&#xA;    &#xD;&#xA;    positivebow =
countvect.fit(positivereviews.CleanedText[0:100000])&#xD;&#xA;    &#xD;&#xA;
pos_xtrain =
positivebow.transform(positivereviews.CleanedText[100000:200000])&#xD;&#xA;
&#xD;&#xA;    pos_y = positivereviews.Score[100000:200000]&#xD;&#xA;
&#xD;&#xA;    clf = DecisionTreeClassifier(max_depth=3,
min_samples_split=2)&#xD;&#xA;    &#xD;&#xA;    clf.fit(pos_xtrain,
pos_y)&#xD;&#xA;    &#xD;&#xA;    def show_most_informative_features(vectorizer,
clf, n=20):&#xD;&#xA;        feature_names =
vectorizer.get_feature_names()&#xD;&#xA;        coefs_with_fns =
sorted(zip(clf.feature_importances_, feature_names))&#xD;&#xA;        top =
coefs_with_fns[:-(n + 1):-1]&#xD;&#xA;        for (coef_1, fn_1)in
top:&#xD;&#xA;            print ("\t%.4f\t%-15s" % (coef_1,
fn_1))&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;
Counter(clf.feature_importances_)&#xD;&#xA;    Counter({0.0:
63514})&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;1) positivereviews is the dataframe which
has features CleanedText and Score&#xD;&#xA;where Cleaned --> Word Count (70)
UserId="43077" Comment="added 16 characters in body" --> Word Count (615)
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Count (135)
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Count (8)
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 UserId="65340" Comment="deleted 474 characters in body; edited tags; edited title" --> Word Count (5)
 UserId="65340" Comment="deleted 474 characters in body; edited tags; edited title" --> Word Count (1)
 <DELETE> --> Word Count (362)
 <DELETE> --> Word Count (5)
 <DELETE> --> Word Count (1)
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 UserId="21" --> Word Count (62)
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 UserId="65425" --> Word Count (164)

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 UserId="65425" --> Word Count (1)
 UserId="-1" --> Word Count (1)
 UserId="-1" --> Word Count (1)
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 UserId="-1" --> Word Count (1)
 UserId="65425" --> Word Count (16)
 UserId="41000" --> Word Count (59)
 UserId="41000" --> Word Count (4)
 UserId="41000" --> Word Count (1)
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 UserId="65434" --> Word Count (1)
 UserId="40951" Comment="typo and grammar" --> Word Count (180)
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 UserId="38330" --> Word Count (15)
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 UserId="24000" Comment="Fix typo in NumPy command" --> Word Count (123)
 UserId="41525" --> Word Count (152)
 UserId="62846" --> Word Count (21)
 UserId="53833" --> Word Count (92)
 UserId="53833" --> Word Count (7)
 UserId="53833" --> Word Count (1)
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 UserId="65447" --> Word Count (1)
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 UserId="56589" --> Word Count (49)
 UserId="65340" Comment="via Vote" --> Word Count (1)
 UserId="65453" --> Word Count (211)
 UserId="65453" --> Word Count (10)
 UserId="65453" --> Word Count (1)
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 UserId="27767" Comment="added 98 characters in body" --> Word Count (130)
 UserId="49517" --> Word Count (87)
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 UserId="41000" Comment="edited the question as per community's suggestion." -->

Word Count (254)

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UserId="65454" --> Word Count (1)
UserId="49217" --> Word Count (88)
UserId="65486" --> Word Count (326)
UserId="65486" --> Word Count (4)
UserId="65486" --> Word Count (1)
UserId="41000" Comment="Edit the question heading!" --> Word Count (6)
UserId="59446" --> Word Count (339)
UserId="59446" --> Word Count (12)
UserId="59446" --> Word Count (1)
UserId="60954" --> Word Count (283)
UserId="50519" --> Word Count (313)
UserId="50519" Comment="added 74 characters in body" --> Word Count (325)
UserId="50519" Comment="added 42 characters in body" --> Word Count (334)
UserId="38657" --> Word Count (335)
UserId="45374" Comment="Edit format and grammar" --> Word Count (37)
UserId="64760" Comment="added 151 characters in body" --> Word Count (23)
UserId="21" Comment="Changed "underlying truth" for reference to
"evaluation metric"; not sure any model purports to represent the
truth of a process" --> Word Count (24)
UserId="64760" Comment="added 102 characters in body" --> Word Count (19)
UserId="64760" Comment="added 171 characters in body" --> Word Count (31)
UserId="21" Comment="104" --> Word Count (3)
UserId="21" Comment="104" --> Word Count (5)
UserId="21" Comment="103" --> Word Count (2)

UserId="65493" --> Word Count (66)
 UserId="65493" --> Word Count (7)
 UserId="65493" --> Word Count (1)
 UserId="54343" --> Word Count (47)
 UserId="64339" Comment="added more specific tags for the areas that the question is about" --> Word Count (1)
 UserId="65274" Comment="edited title" --> Word Count (5)
 UserId="65014" Comment="Fix some grammar errors" --> Word Count (259)
 UserId="8820" Comment="Fix some grammar errors" --> Word Count (261)
 UserId="64775" --> Word Count (26)
 UserId="65495" --> Word Count (123)
 UserId="65495" --> Word Count (10)
 UserId="65495" --> Word Count (1)
 UserId="65495" Comment="added detail about implementation used" --> Word Count (128)
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 UserId="65506" --> Word Count (113)
 UserId="63009" Comment="added 2 characters in body; edited title" --> Word Count (155)
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 UserId="65421" --> Word Count (19)
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 UserId="65516" --> Word Count (1)
 UserId="65521" --> Word Count (37)
 UserId="65521" --> Word Count (3)
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 UserId="65421" Comment="added 3 characters in body" --> Word Count (554)
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 UserId="65533" --> Word Count (16)
 UserId="65533" --> Word Count (1)
 UserId="65534" --> Word Count (114)
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 UserId="52715" --> Word Count (205)
 UserId="52715" --> Word Count (14)
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 UserId="1029" --> Word Count (197)
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 UserId="65252" --> Word Count (11)
 UserId="65252" --> Word Count (1)
 UserId="49217" --> Word Count (177)
 UserId="61508" --> Word Count (92)
 UserId="61508" --> Word Count (13)
 UserId="61508" --> Word Count (1)
 UserId="23305" --> Word Count (100)
 UserId="65225" --> Word Count (160)
 UserId="65547" --> Word Count (40)
 UserId="35400" Comment="added 181 characters in body" --> Word Count (63)
 UserId="8820" --> Word Count (71)
 UserId="49217" Comment="Update given OP's comments" --> Word Count (205)
 UserId="35400" Comment="added 2465 characters in body" --> Word Count (1348)
 UserId="38339" Comment="deleted 2 characters in body" --> Word Count (622)
 UserId="65260" --> Word Count (151)
 UserId="40392" Comment="Inlining link + associated format changes." --> Word Count (151)
 UserId="50519" Comment="deleted 4 characters in body" --> Word Count (335)
 UserId="65556" --> Word Count (177)
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 UserId="65556" --> Word Count (1)
 UserId="39851" --> Word Count (99)
 UserId="39851" --> Word Count (11)
 UserId="39851" --> Word Count (1)
 UserId="65555" --> Word Count (119)
 UserId="65555" --> Word Count (12)
 UserId="65555" --> Word Count (1)
 UserId="64610" --> Word Count (23)
 UserId="65559" --> Word Count (349)
 UserId="65559" --> Word Count (14)
 UserId="65559" --> Word Count (1)
 UserId="64610" --> Word Count (52)
 UserId="64339" --> Word Count (251)
 UserId="64309" Comment="Formatting changes" --> Word Count (156)
 UserId="65421" Comment="added 126 characters in body" --> Word Count (577)
 UserId="38339" --> Word Count (53)
 UserId="65421" Comment="added 126 characters in body" --> Word Count (584)

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 UserId="65561" --> Word Count (107)
 UserId="65561" --> Word Count (8)
 UserId="65561" --> Word Count (1)
 UserId="59087" Comment="edited title" --> Word Count (25)
 UserId="62846" Comment="added 182 characters in body" --> Word Count (101)
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 UserId="64386" --> Word Count (31)
 UserId="65573" Comment="Updated Code" --> Word Count (362)
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 UserId="29304" --> Word Count (335)
 UserId="64339" Comment="spelling and grammar" --> Word Count (119)
 UserId="53812" --> Word Count (23)
 UserId="62664" --> Word Count (76)
 UserId="62664" --> Word Count (6)
 UserId="62664" --> Word Count (1)
 UserId="65584" --> Word Count (190)
 UserId="65584" --> Word Count (10)
 UserId="65584" --> Word Count (1)
 UserId="47883" --> Word Count (132)
 UserId="64656" --> Word Count (165)
 UserId="64656" --> Word Count (8)
 UserId="64656" --> Word Count (1)
 UserId="47883" --> Word Count (22)
 UserId="45374" Comment="Format edits" --> Word Count (157)
 UserId="65592" --> Word Count (108)
 UserId="65592" --> Word Count (8)
 UserId="65592" --> Word Count (1)
 UserId="23240" --> Word Count (253)
 UserId="14152" --> Word Count (73)
 UserId="62029" --> Word Count (133)
 UserId="62029" --> Word Count (5)
 UserId="62029" --> Word Count (1)
 UserId="53812" --> Word Count (163)
 UserId="62910" --> Word Count (97)
 UserId="62910" --> Word Count (10)
 UserId="62910" --> Word Count (1)
 UserId="59101" Comment="formatting" --> Word Count (47)
 UserId="45374" Comment="Edit format and grammar" --> Word Count (23)
 UserId="45374" Comment="Edited for clarity; improved grammar and small spelling mistakes" --> Word Count (122)
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(619)

UserId="50833" Comment="Replaced the link to the image with the actual image"
--> Word Count (39)

UserId="21" Comment="104" --> Word Count (2)

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UserId="52719" --> Word Count (1)

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UserId="39292" Comment="Cleaned up the wording, added a more thorough
explanation of the data set that was used." --> Word Count (228)

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UserId="23240" --> Word Count (213)

UserId="14031" Text="This [wildml blog
post](<http://www.wildml.com/2015/11/understanding-convolutional-neural-networks-for-nlp/>) has a very clear explanation of how to use 1D convolution on text. And Debo, DS at x.ai, provided some [example Keras code](<http://debajyotidatta.github.io/nlp/deep/learning/word-embeddings/2016/11/27/Understanding-Convolutions-In-> --> Word Count (459)

UserId="64107" --> Word Count (312)

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UserId="45374" --> Word Count (57)

UserId="14006" --> Word Count (179)

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UserId="45610" --> Word Count (1)

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UserId="14006" --> Word Count (75)

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 UserId="65495" --> Word Count (31)
 UserId="62938" Comment="Title updated" --> Word Count (10)
 UserId="53812" --> Word Count (80)
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 UserId="23240" --> Word Count (94)
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 UserId="53812" --> Word Count (48)
 UserId="53812" --> Word Count (8)
 UserId="53812" --> Word Count (1)
 UserId="8878" --> Word Count (41)
 UserId="17484" --> Word Count (340)
 UserId="17484" --> Word Count (13)
 UserId="17484" --> Word Count (1)
 UserId="65640" --> Word Count (48)
 UserId="65640" --> Word Count (8)
 UserId="65640" --> Word Count (1)
 UserId="65410" Comment="added solution" --> Word Count (282)
 UserId="62664" --> Word Count (85)
 UserId="62664" --> Word Count (6)
 UserId="62664" --> Word Count (1)
 UserId="47883" Comment="added 84 characters in body; added 171 characters in body" --> Word Count (164)
 UserId="51471" --> Word Count (153)
 UserId="51471" --> Word Count (8)
 UserId="51471" --> Word Count (1)
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UserId="52816" --> Word Count (8)
 UserId="52816" --> Word Count (1)
 UserId="52816" Comment="edited title" --> Word Count (8)
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 UserId="43473" --> Word Count (7)
 UserId="43473" --> Word Count (1)
 UserId="65319" Comment="deleted 2486 characters in body; edited tags; edited title" --> Word Count (19)
 UserId="65319" Comment="deleted 2486 characters in body; edited tags; edited title" --> Word Count (6)
 UserId="65319" Comment="deleted 2486 characters in body; edited tags; edited title" --> Word Count (1)
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 UserId="23240" --> Word Count (346)
 UserId="61645" --> Word Count (5)
 UserId="50833" --> Word Count (95)
 UserId="37059" --> Word Count (53)
 UserId="37059" --> Word Count (4)
 UserId="37059" --> Word Count (1)
 UserId="50833" --> Word Count (628)
 UserId="61645" --> Word Count (1461)
 UserId="47883" --> Word Count (55)
 UserId="65654" --> Word Count (283)
 UserId="65654" --> Word Count (9)
 UserId="65654" --> Word Count (1)
 UserId="44624" --> Word Count (241)
 UserId="65654" Comment="added 70 characters in body" --> Word Count (295)
 UserId="33020" --> Word Count (21)
 UserId="33020" --> Word Count (4)
 UserId="33020" --> Word Count (1)
 UserId="50833" Comment="Change tags" --> Word Count (1)
 UserId="14006" Comment="remove the "lstm" tag" --> Word Count (1)
 UserId="44624" Comment="corrected formatting" --> Word Count (243)
 UserId="49151" --> Word Count (66)
 UserId="28175" --> Word Count (189)
 UserId="28175" Comment="deleted 1 character in body; edited tags; edited title" --> Word Count (20)
 UserId="28175" Comment="deleted 1 character in body; edited tags; edited title" --> Word Count (4)
 UserId="28175" Comment="deleted 1 character in body; edited tags; edited title" --> Word Count (1)
 UserId="65663" --> Word Count (92)
 UserId="52681" --> Word Count (45)
 UserId="43497" --> Word Count (231)
 UserId="43497" --> Word Count (13)
 UserId="43497" --> Word Count (1)
 UserId="65655" --> Word Count (31)
 UserId="65655" --> Word Count (29)

UserId="3070" --> Word Count (80)
 UserId="62114" --> Word Count (210)
 UserId="65668" --> Word Count (225)
 UserId="65668" --> Word Count (11)
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 UserId="44305" --> Word Count (15)
 UserId="44305" --> Word Count (1)
 UserId="65672" --> Word Count (111)
 UserId="65672" --> Word Count (8)
 UserId="65672" --> Word Count (1)
 UserId="44305" Comment="added 137 characters in body" --> Word Count (177)
 UserId="65676" --> Word Count (88)
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 UserId="65676" --> Word Count (1)
 UserId="65675" Comment="minor clarifications" --> Word Count (318)
 UserId="43497" --> Word Count (146)
 UserId="59087" --> Word Count (12)
 UserId="14006" --> Word Count (40)
 UserId="8335" --> Word Count (239)
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 UserId="38892" --> Word Count (80)
 UserId="64856" --> Word Count (115)
 UserId="64856" --> Word Count (8)
 UserId="64856" --> Word Count (1)
 UserId="65399" --> Word Count (112)
 UserId="65399" --> Word Count (6)
 UserId="65399" --> Word Count (1)
 UserId="58966" --> Word Count (36)
 UserId="50833" --> Word Count (120)
 UserId="50833" --> Word Count (79)
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 UserId="59087" --> Word Count (17)
 UserId="59087" --> Word Count (1)
 UserId="57237" --> Word Count (56)
 UserId="57237" --> Word Count (12)
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 UserId="62114" --> Word Count (72)
 UserId="201" --> Word Count (254)
 UserId="201" --> Word Count (8)
 UserId="201" --> Word Count (1)
 UserId="62114" Comment="added 13 characters in body" --> Word Count (72)
 UserId="28660" Comment="edited title" --> Word Count (14)
 UserId="38892" Comment="mathjax formatting" --> Word Count (226)
 UserId="-1" Comment="g vygyghb inoi;n" --> Word Count (69)
 UserId="38892" Comment="edited body" --> Word Count (80)

UserId="65689" --> Word Count (62)
 UserId="65689" --> Word Count (5)
 UserId="65689" --> Word Count (1)
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 UserId="65697" --> Word Count (8)
 UserId="65697" --> Word Count (1)
 UserId="65655" --> Word Count (32)
 UserId="65699" --> Word Count (218)
 UserId="65699" --> Word Count (12)
 UserId="65699" --> Word Count (1)
 UserId="65655" --> Word Count (31)
 UserId="65655" --> Word Count (3)
 UserId="65655" --> Word Count (1)
 UserId="63871" --> Word Count (87)
 UserId="63871" Comment="added 298 characters in body" --> Word Count (139)
 UserId="63871" Comment="via Vote" --> Word Count (2)
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 UserId="59084" --> Word Count (113)
 UserId="59084" --> Word Count (6)
 UserId="59084" --> Word Count (1)
 UserId="65588" --> Word Count (120)
 UserId="65588" --> Word Count (10)
 UserId="65588" --> Word Count (1)
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 UserId="54040" --> Word Count (5)
 UserId="54040" --> Word Count (1)
 UserId="42821" --> Word Count (29)
 UserId="65228" --> Word Count (59)
 UserId="23159" --> Word Count (86)
 UserId="23159" Comment="added 84 characters in body" --> Word Count (120)
 UserId="65228" --> Word Count (71)
 UserId="63871" Comment="added 836 characters in body" --> Word Count (256)
 UserId="63871" --> Word Count (2)
 UserId="65228" Comment="added 128 characters in body" --> Word Count (63)
 UserId="52291" --> Word Count (63)
 UserId="45374" --> Word Count (187)
 UserId="62114" --> Word Count (28)
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 UserId="23091" --> Word Count (190)
 UserId="-1" --> Word Count (1)
 UserId="32697" Comment="substantial spelling and grammar revision, included reference to image used " --> Word Count (105)
 UserId="32697" Comment="substantial spelling and grammar revision, included reference to image used " --> Word Count (8)
 UserId="39338" Comment="Relevant Tag" --> Word Count (1)
 UserId="21" Comment="103" --> Word Count (2)
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 UserId="51541" --> Word Count (37)

UserId="23159" Comment="added 24 characters in body" --> Word Count (124)
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 UserId="61645" --> Word Count (117)
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 UserId="62018" --> Word Count (174)
 UserId="62018" --> Word Count (6)
 UserId="62018" --> Word Count (1)
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 UserId="62018" Comment="added 276 characters in body" --> Word Count (8)
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 UserId="65716" --> Word Count (47)
 UserId="65716" --> Word Count (8)
 UserId="65716" --> Word Count (1)
 UserId="62018" Comment="added 156 characters in body" --> Word Count (246)
 UserId="62018" Comment="added 9 characters in body" --> Word Count (255)
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 UserId="65720" --> Word Count (14)
 UserId="65720" --> Word Count (1)
 UserId="62018" Comment="added 377 characters in body" --> Word Count (307)
 UserId="65721" --> Word Count (245)
 UserId="65721" --> Word Count (2)
 UserId="65721" --> Word Count (1)
 UserId="1330" --> Word Count (46)
 UserId="65725" --> Word Count (70)
 UserId="65725" --> Word Count (12)
 UserId="65725" --> Word Count (1)
 UserId="65663" Comment="added 10 characters in body" --> Word Count (92)
 UserId="10640" Comment="Fixed link" Text="
I am using
 [tensorboardX][1]. It supports most of the features of TensorBoard. I am using
 the Scalar, Images, Distributions, Histograms and --> Word Count (72)
 UserId="52089" --> Word Count (109)
 UserId="61645" --> Word Count (73)
 UserId="52089" --> Word Count (187)
 UserId="52089" --> Word Count (27)
 UserId="62018" Comment="added 452 characters in body" --> Word Count (358)
 UserId="62018" Comment="added 89 characters in body" --> Word Count (367)
 UserId="65730" --> Word Count (171)
 UserId="65730" --> Word Count (9)
 UserId="65730" --> Word Count (1)
 UserId="65733" --> Word Count (108)
 UserId="65733" --> Word Count (16)
 UserId="65733" --> Word Count (1)
 UserId="65740" --> Word Count (310)
 UserId="201" Comment="deleted 3 characters in body" --> Word Count (253)
 UserId="61645" --> Word Count (237)
 UserId="65060" --> Word Count (152)
 UserId="65060" --> Word Count (9)

UserId="65060" --> Word Count (1)
 UserId="52291" --> Word Count (27)
 UserId="52291" Comment="deleted 1 character in body" --> Word Count (27)
 UserId="65756" --> Word Count (28)
 UserId="-1" Comment="Grammatical Errors, Sentence Structural Errors" --> Word Count (166)
 UserId="63871" --> Word Count (237)
 UserId="44305" --> Word Count (56)
 UserId="65274" --> Word Count (118)
 UserId="65274" --> Word Count (5)
 UserId="65274" --> Word Count (1)
 UserId="65274" Comment="added 11 characters in body" --> Word Count (120)
 UserId="13268" --> Word Count (171)
 UserId="13268" --> Word Count (14)
 UserId="13268" --> Word Count (1)
 UserId="65767" --> Word Count (411)
 UserId="65767" --> Word Count (8)
 UserId="65767" --> Word Count (1)
 UserId="65774" --> Word Count (147)
 UserId="65774" --> Word Count (7)
 UserId="65774" --> Word Count (1)
 UserId="65774" Comment="via Vote" --> Word Count (1)
 UserId="65774" --> Word Count (1)
 UserId="33532" --> Word Count (38)
 UserId="33532" Comment="added 39 characters in body" --> Word Count (46)
 UserId="113" --> Word Count (204)
 UserId="33532" Comment="added 61 characters in body" --> Word Count (57)
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 UserId="65781" --> Word Count (8)
 UserId="65781" --> Word Count (1)
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 UserId="62521" --> Word Count (7)
 UserId="62521" --> Word Count (1)
 UserId="50833" --> Word Count (108)
 UserId="27984" --> Word Count (11)
 UserId="65784" --> Word Count (97)
 UserId="65784" --> Word Count (12)
 UserId="65784" --> Word Count (1)
 UserId="65776" --> Word Count (189)
 UserId="65776" --> Word Count (5)
 UserId="65776" --> Word Count (1)
 UserId="65616" --> Word Count (247)
 UserId="65787" --> Word Count (51)
 UserId="65787" --> Word Count (7)
 UserId="65787" --> Word Count (1)
 UserId="65786" --> Word Count (30)
 UserId="65786" --> Word Count (11)

UserId="65807" Comment="Helping readability" --> Word Count (203)
 UserId="65793" Comment="Helping readability" --> Word Count (202)
 UserId="65807" --> Word Count (70)
 UserId="65733" --> Word Count (91)
 UserId="65733" --> Word Count (11)
 UserId="65733" --> Word Count (1)
 UserId="64830" --> Word Count (54)
 UserId="64830" --> Word Count (3)
 UserId="64830" --> Word Count (1)
 UserId="31075" --> Word Count (363)
 UserId="31075" --> Word Count (8)
 UserId="31075" --> Word Count (1)
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 UserId="65055" --> Word Count (1)
 UserId="65809" --> Word Count (277)
 UserId="65809" --> Word Count (12)
 UserId="65809" --> Word Count (1)
 UserId="65809" Comment="added 7 characters in body" --> Word Count (281)
 UserId="45264" --> Word Count (184)
 UserId="45264" Comment="added 114 characters in body" --> Word Count (205)
 UserId="63906" --> Word Count (11)
 UserId="63906" --> Word Count (20)
 UserId="40853" --> Word Count (131)
 UserId="40853" Comment="Simple formatting" --> Word Count (196)
 UserId="14006" --> Word Count (121)
 UserId="46282" --> Word Count (252)
 UserId="46282" --> Word Count (10)
 UserId="46282" --> Word Count (1)
 UserId="38339" --> Word Count (127)
 UserId="59919" --> Word Count (260)
 UserId="59919" --> Word Count (5)
 UserId="59919" --> Word Count (1)
 UserId="14006" Comment="add discussion about more kernels" --> Word Count (227)
 UserId="14006" --> Word Count (52)
 UserId="4647" Comment="Fix up punctuation, use less colloquial spelling" -->
 Word Count (79)
 UserId="65819" --> Word Count (186)
 UserId="65819" --> Word Count (11)
 UserId="65819" --> Word Count (1)
 UserId="65573" --> Word Count (76)
 UserId="65573" --> Word Count (15)
 UserId="65573" --> Word Count (1)
 UserId="65573" Comment="added 20 characters in body" --> Word Count (79)
 UserId="65809" Comment="deleted 19 characters in body" --> Word Count (278)
 UserId="64830" Comment="added 73 characters in body" --> Word Count (63)
 UserId="65228" --> Word Count (80)

UserId="52291" --> Word Count (92)
 UserId="52291" Comment="added 15 characters in body" --> Word Count (93)
 UserId="61645" --> Word Count (48)
 UserId="20354" --> Word Count (230)
 UserId="-1" --> Word Count (1)
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 UserId="20354" --> Word Count (713)
 UserId="46282" --> Word Count (40)
 UserId="46282" --> Word Count (6)
 UserId="46282" --> Word Count (1)
 UserId="20354" Comment="Added explanation for stuff" --> Word Count (751)
 UserId="24703" --> Word Count (69)
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 UserId="20492" Comment="added 880 characters in body" --> Word Count (799)
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 UserId="43294" --> Word Count (160)
 UserId="63906" Comment="Adding precisions" --> Word Count (86)
 UserId="20492" Comment="added 147 characters in body" --> Word Count (85)
 UserId="62528" --> Word Count (53)
 UserId="62528" --> Word Count (8)
 UserId="62528" --> Word Count (1)
 UserId="65842" --> Word Count (17)
 UserId="65842" --> Word Count (6)
 UserId="65842" --> Word Count (1)
 UserId="53812" --> Word Count (53)
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 UserId="53812" --> Word Count (1)
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 UserId="65843" --> Word Count (8)
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 UserId="65844" --> Word Count (1)
 UserId="43294" --> Word Count (67)
 UserId="65845" --> Word Count (44)
 UserId="65845" --> Word Count (20)
 UserId="65845" --> Word Count (1)
 UserId="65848" --> Word Count (126)
 UserId="65848" --> Word Count (9)
 UserId="65848" --> Word Count (1)
 UserId="53812" Comment="deleted 22 characters in body" --> Word Count (49)
 UserId="65848" Comment="edited tags" --> Word Count (1)
 UserId="62052" --> Word Count (75)
 UserId="62052" --> Word Count (6)
 UserId="62052" --> Word Count (1)
 UserId="61023" Comment="answer's alignment" --> Word Count (154)
 UserId="23240" --> Word Count (83)

UserId="23240" --> Word Count (260)
 UserId="65776" --> Word Count (133)
 UserId="65776" --> Word Count (5)
 UserId="65776" --> Word Count (1)
 UserId="65776" --> Word Count (33)
 UserId="23240" --> Word Count (199)
 UserId="46282" Comment="added 411 characters in body" --> Word Count (101)
 UserId="16560" --> Word Count (148)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="65719" Comment="improved formatting" Text="I tried to load fastText pretrained model from here [Fasttext model][1]. I am using [wiki.simple.en][2]

 from gensim.models.keyedvectors import KeyedVectors

 word_vectors = KeyedVectors.load_word2vec_format('wiki.simple.bin', binary=True)

But, it shows the following errors

 Traceback (most recent call last):
 File "nltk_check.py", line 28, in <module>
 word_vectors = KeyedVectors.load_word2vec_format('wiki.simple.bin', binary=True)
 File "P:\major_project\venv\lib\sitepackages\gensim\models\keyedvectors.py", line 206, in load_word2vec_format
 header = utils.to_unicode(fin.readline(), encoding=encoding)
 File "P:\major_project\venv\lib\site-packages\gensim\utils.py", line 235, in any2unicode
 return unicode(text, encoding, errors=errors)
 UnicodeDecodeError: 'utf-8' codec can't decode byte 0xba in position 0: invalid start byte


 Question 1 How do I load fasttext model with Gensim? 

 Question 2 Also, after loading the model, I want to find the similarity between two words 
 ``python
 model.find_similarity('teacher', 'teaches')
 # Something like this
 Output : 0.99
 ``
How do I do this?


 [1]: <https://github.com/facebookresearch/fast> --> Word Count (4)
 UserId="65733" Comment="Question refined" --> Word Count (137)
 UserId="65857" --> Word Count (43)
 UserId="65857" --> Word Count (16)
 UserId="65857" --> Word Count (1)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="21" Comment="102" --> Word Count (2)
 UserId="21" --> Word Count (38)
 UserId="33047" --> Word Count (159)
 UserId="33047" --> Word Count (4)
 UserId="33047" --> Word Count (1)
 UserId="61645" --> Word Count (111)
 UserId="65266" --> Word Count (21)
 UserId="65266" --> Word Count (14)
 UserId="65266" --> Word Count (1)
 UserId="61645" --> Word Count (281)
 UserId="65865" --> Word Count (113)

UserId="65865" --> Word Count (8)
 UserId="65865" --> Word Count (1)
 UserId="33047" Comment="added 1 character in body" --> Word Count (159)
 UserId="38339" --> Word Count (298)
 UserId="61645" --> Word Count (97)
 UserId="65872" --> Word Count (58)
 UserId="65872" --> Word Count (4)
 UserId="65872" --> Word Count (1)
 UserId="65872" Comment="added 10 characters in body" --> Word Count (60)
 UserId="65588" --> Word Count (109)
 UserId="65588" --> Word Count (15)
 UserId="65588" --> Word Count (1)
 UserId="65807" --> Word Count (103)
 UserId="65719" Text="I am working on a multiclass classification which is to
 assign medical related queries of web search to certain departments of
 hospital.My classifier is based on the [fastText][1].
 <p>

I found for most conditions, the result is good
 enough say recall is 0.8 for Nephrology. However, for just one department,
 Dermatology, the recall is pretty low,like 0.5. Unfortunately, this label has
 most samples in the test data.<p>

How can I improve the
 recall of one class while maintain the performance of other classes? Will
 ensembling method work?




 [1]:
<https://github.com/facebookresearch/fast> --> Word Count (1)
 UserId="65719" --> Word Count (14)
 UserId="65719" --> Word Count (1)
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 UserId="54292" --> Word Count (1)
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 UserId="64470" --> Word Count (7)
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 UserId="42060" --> Word Count (1)
 UserId="63718" --> Word Count (128)
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 UserId="65895" --> Word Count (128)
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 UserId="65895" --> Word Count (1)
 UserId="62114" --> Word Count (70)
 UserId="65907" --> Word Count (59)
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 UserId="52291" Comment="added 7 characters in body" --> Word Count (81)
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 UserId="42926" --> Word Count (350)
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 UserId="64468" Comment="edited title" --> Word Count (11)
 UserId="64468" Comment="edited title" --> Word Count (58)
 UserId="52291" Comment="added 51 characters in body" --> Word Count (187)
 UserId="23240" --> Word Count (58)
 UserId="21" Comment="103" --> Word Count (2)
 UserId="45374" Comment="Edit format and grammar" --> Word Count (35)
 UserId="21" Comment="104" --> Word Count (2)
 UserId="21" Comment="102" --> Word Count (5)
 UserId="59446" --> Word Count (58)
 UserId="59446" --> Word Count (14)
 UserId="59446" --> Word Count (1)
 UserId="26562" Comment="improved formatting" --> Word Count (58)
 UserId="65937" --> Word Count (298)
 UserId="65937" --> Word Count (6)
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 UserId="61916" --> Word Count (122)
 UserId="61916" Comment="added the data(election) line" --> Word Count (126)
 UserId="65166" --> Word Count (119)
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 UserId="65166" --> Word Count (1)
 UserId="65940" Comment="Making the question more specific to allow better answers" --> Word Count (65)
 UserId="65225" --> Word Count (270)
 UserId="65225" Comment="added 271 characters in body" --> Word Count (313)
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 UserId="50863" --> Word Count (3)
 UserId="50863" --> Word Count (1)
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 UserId="65949" --> Word Count (11)
 UserId="65949" --> Word Count (1)
 UserId="14006" --> Word Count (227)
 UserId="65949" Comment="added 241 characters in body" --> Word Count (115)
 UserId="65274" Comment="edited tags" --> Word Count (1)
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 UserId="65274" --> Word Count (4)
 UserId="65274" --> Word Count (1)
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 UserId="50833" --> Word Count (134)
 UserId="63582" --> Word Count (88)
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 UserId="65166" --> Word Count (5)
 UserId="65166" --> Word Count (1)
 UserId="45726" --> Word Count (193)
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 UserId="65965" --> Word Count (229)
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 UserId="26394" Comment="not needed details edited" --> Word Count (224)
 UserId="52602" --> Word Count (90)
 UserId="52602" --> Word Count (11)
 UserId="52602" --> Word Count (1)
 UserId="23240" --> Word Count (111)
 UserId="62528" --> Word Count (24)
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 UserId="65975" --> Word Count (1)
 UserId="49980" --> Word Count (54)
 UserId="49980" --> Word Count (6)
 UserId="49980" --> Word Count (1)
 UserId="2932" Text="A shell for the type of network architecture you might be looking for could reasonably be:

 {Input} -> {representation layers} -> {output}

Your question has a few implicit layers, first:

* How do I take input of various types (numeric data vs text data)
* How do I handle representations of the text data?
* How do I handle output for 380,000 output classes?

So, let's tackle these one at a time.

How do I take input of various types (numeric data vs text data)

The specific details of this are going to depend heavily on which framework you're using, as implementing this in base PyTorch is different than in Keras or Tensorflow, for example.

In any

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case, you're likely going to want to define different inputs for the data types
you want to handle differently:&#xD;&#xA;&#xD;&#xA;    {Numeric Input}&#xA;|--
{Numeric Representation} -|&#xD;&#xA;
|&#xA;{Dense Layer(s)} --&#xA; {Outputs}&#xD;&#xA;    {Text Input} ---&#xA;|--
{Text Representation} ----|&#xD;&#xA;&#xD;&#xA;*&#xA;How do I handle representations
of the text data?*&#xD;&#xA;&#xD;&#xA;It sounds like you have an opinion for
this, and that you're wanting to try:&#xD;&#xA;&#xD;&#xA;    {Numeric
Input}&#xA;|-- {Numeric Representation} -&#xA;|&#xD;&#xA;
|&#xA;{DenseLayer(s)} -&#xA; {Outputs}&#xD;&#xA;    { --> Word Count (269)
UserId="44537" --> Word Count (197)
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UserId="54236" --> Word Count (1)
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UserId="14006" --> Word Count (315)
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UserId="65984" --> Word Count (3)
UserId="65984" --> Word Count (1)
UserId="65823" --> Word Count (195)
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UserId="28296" --> Word Count (106)
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UserId="28296" Comment="added 84 characters in body" --> Word Count (121)
UserId="59446" Comment="added the code" --> Word Count (439)
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UserId="52291" --> Word Count (120)
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UserId="59446" Comment="added dataframe as 2 screenshots" --> Word Count (472)
UserId="28296" Comment="edited title" --> Word Count (17)
UserId="47359" Text="Imagine we have a textual data that must be passed to
convolutional neural network. Generally we know that for natural language
processing, textual data is embedded into vector space, but in this particular
case neural network must know the exact position of the textual data, hence we
will use something called spatial text encoding (or shortly
TextMaps).&#xD;&#xA;&#xD;&#xA;[There's a scientific publication written by Tomas
Gogar called &quot;Deep Neural Networks for Web Page Information
Extraction&quot;][1] which introduces --> Word Count (176)
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 UserId="65991" --> Word Count (1)
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 UserId="34153" --> Word Count (80)
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 Word Count (141)
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 UserId="58083" --> Word Count (3)
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 UserId="65274" Comment="edited body" --> Word Count (96)
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 UserId="66029" --> Word Count (12)
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 UserId="66039" --> Word Count (1)
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 UserId="66041" --> Word Count (16)

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UserId="28542" --> Word Count (13)
UserId="28542" --> Word Count (1)
UserId="55122" --> Word Count (281)
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UserId="20492" --> Word Count (225)
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UserId="66047" --> Word Count (8)
UserId="66047" --> Word Count (1)
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UserId="66061" --> Word Count (1)
UserId="60206" --> Word Count (34)
UserId="60206" --> Word Count (6)
UserId="60206" --> Word Count (1)
UserId="65274" --> Word Count (146)
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UserId="65274" --> Word Count (1)
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UserId="33279" --> Word Count (12)
UserId="33279" --> Word Count (1)
UserId="33279" Comment="added 43 characters in body" --> Word Count (208)
UserId="66068" --> Word Count (250)
UserId="66068" --> Word Count (13)
UserId="66068" --> Word Count (1)
UserId="65573" Text="here is my code for a neural network I'm testing. I like to
save my scales & encoders for later use in prediction. But Cannot figure out
how &#xD;&#xA;&#xD;&#xA;    cat_steps = Pipeline([&#xD;&#xA;        ('si',
SimpleImputer(strategy='constant', fill_value='MISSING')),&#xD;&#xA;

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('imputer', SimpleImputer(strategy='constant', fill_value='missing')),&#xD;&#xA;
('ohehot', OneHotEncoder(sparse=False, handle_unknown='ignore'))&#xD;&#xA;
]&#xD;&#xA;    categoricalColumns = [&#xD;&#xA;    'advCode',&#xD;&#xA;
'advisorAge',&#xD;&#xA;    'age',&#xD;&#xA;    'benefitCount',&#xD;&#xA;
'branch',&#xD;&#xA;    'bsa',&#xD;&#xA;    'childCount',&#xD;&#xA;
'elecrotate',&#xD;&#xA;    'IsadvResign',&#xD;&#xA;
'isBonusDeclare',&#xD;&#xA;    'isClaimGet',&#xD;&#xA;
'isHelthRiderHave',&#xD;&#xA;    'isLoanFull',&#xD;&#xA;
'isLoanGet',&#xD;&#xA;    'isMale',&#xD;&#xA;    'isMarried',&#xD;&#xA;
'isMedical',&#xD;&#xA;    'isNotepad --> Word Count (300)
UserId="65573" --> Word Count (15)
UserId="65573" --> Word Count (1)
UserId="65573" Comment="added 269 characters in body" Text="here is my code for
a neural network I'm testing. I like to save my scales &amp; encoders for later
use in prediction. But Cannot figure out how
&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;    cat_steps = Pipeline([&#xD;&#xA;
('si', SimpleImputer(strategy='constant', fill_value='MISSING')),&#xD;&#xA;
('imputer', SimpleImputer(strategy='constant', fill_value='missing')),&#xD;&#xA;
('ohehot', OneHotEncoder(sparse=False, handle_unknown='ignore'))&#xD;&#xA;
]&#xD;&#xA;    categoricalColumns = [&#xD;&#xA;    'advCode',&#xD;&#xA;
'advisorAge',&#xD;&#xA;    'age',&#xD;&#xA;    'benefitCount',&#xD;&#xA;
'branch',&#xD;&#xA;    'bsa',&#xD;&#xA;    'childCount',&#xD;&#xA;
'elecrotate',&#xD;&#xA;    'IsadvResign',&#xD;&#xA;
'isBonusDeclare',&#xD;&#xA;    'isClaimGet',&#xD;&#xA;
'isHelthRiderHave',&#xD;&#xA;    'isLoanFull',&#xD;&#xA;
'isLoanGet',&#xD;&#xA;    'isMale',&#xD;&#xA;    'isMarried',&#xD;&#xA;
'isMedical',&#xD;&#xA;    'isNotepad --> Word Count (360)
--> Word Count (255)
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--> Word Count (284)
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UserId="62097" --> Word Count (105)
UserId="65475" --> Word Count (94)
UserId="45374" --> Word Count (76)
UserId="65573" Comment="deleted 775 characters in body" --> Word Count (321)
UserId="33279" Comment="added 5 characters in body" --> Word Count (218)
UserId="33279" Comment="added 5 characters in body" --> Word Count (13)
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 UserId="42832" --> Word Count (8)
 UserId="42832" --> Word Count (1)
 UserId="66086" --> Word Count (47)
 UserId="66086" --> Word Count (9)
 UserId="66086" --> Word Count (1)
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 UserId="59446" --> Word Count (1)
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 UserId="66099" --> Word Count (4)
 UserId="66099" --> Word Count (1)
 UserId="66099" Comment="added 54 characters in body" --> Word Count (175)
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 UserId="66109" --> Word Count (114)
 UserId="66109" --> Word Count (11)
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 UserId="66108" --> Word Count (1)

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UserId="26019" --> Word Count (1)
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UserId="66115" --> Word Count (1)
UserId="66115" Comment="added 8 characters in body" --> Word Count (578)
UserId="37814" --> Word Count (692)
UserId="37814" --> Word Count (14)
UserId="37814" --> Word Count (1)
UserId="37814" Comment="added 1020 characters in body" --> Word Count (963)
UserId="66120" --> Word Count (113)
UserId="66120" --> Word Count (13)
UserId="66120" --> Word Count (1)
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UserId="21" Comment="104" --> Word Count (2)
UserId="61413" --> Word Count (644)
UserId="61413" --> Word Count (8)
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UserId="66126" --> Word Count (11)
UserId="66126" --> Word Count (1)
UserId="61645" --> Word Count (90)
UserId="66127" --> Word Count (114)
UserId="66126" Comment="added 15 characters in body; edited title" --> Word Count (50)
UserId="66126" Comment="added 15 characters in body; edited title" --> Word Count (12)
UserId="66126" Comment="added 15 characters in body; edited title" --> Word Count (1)
UserId="47126" --> Word Count (100)
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UserId="47126" --> Word Count (1)
UserId="924" --> Word Count (12)
UserId="63871" --> Word Count (47)
UserId="56354" --> Word Count (58)
UserId="66126" Comment="added 875 characters in body" --> Word Count (196)
UserId="58433" --> Word Count (85)
UserId="58433" --> Word Count (12)
UserId="58433" --> Word Count (1)
UserId="66132" --> Word Count (204)
UserId="66132" --> Word Count (11)


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&#xD;&#xA;      # MaxPool&#xD;&#xA;      pool1 =
tf.layers.max_pooling2d(inputs=conv1, pool_size=[3, 3], strides=2)&#xD;&#xA;
&#xD;&#xA;      # Conv + ReLU&#xD;&#xA;      ...&#xD;&#xA;      &#xD;&#xA;So let's
say this is first neural network, then should I create another neural network
for --> Word Count (53)
UserId="47359" --> Word Count (12)
UserId="47359" --> Word Count (1)
UserId="47359" Comment="added 4 characters in body" Text="There is a scientific
document that implements a convolutional neural network to classify **3
different types of data**, although how exactly, is unknown to
me.&#xD;&#xA;&#xD;&#xA;Here's the explanation of network
architecture:&#xD;&#xA;&#xD;&#xA;&#xA;> This section describes architecture of our
neural net which is&#xD;&#xA;&#xA;> depicted in **Fig. 3.**&#xD;&#xA;&#xA;> **Our
network has three types of inputs**: **Screenshot** (we use upper crop of the
page with dimensions 1280 × 1280, however this net can&#xD;&#xA;&#xA;> work with
arbitrarily sized pages), **TextMaps** (tensor with dimensions&#xD;&#xA;&#xA;>
$128 \times 160 \times 160$) and Candidate boxes (list of box coordinates
of&#xD;&#xA;&#xA;> arbitrary length).&#xD;&#xA;&#xA;> &#xD;&#xA;&#xA;> **A screenshot
is processed by three convolutional layers** (the first two layers are
initialized with pretrained weights from BVLC&#xD;&#xA;&#xA;> AlexNet). **TextMaps
are processed with one convolutional layer** with&#xD;&#xA;&#xA;> kernel size $1
\times 1$ and thus its features capture various&#xD;&#xA;&#xA;> combinations of
words. These two layers are then concatenated and&#xD;&#xA;&#xA;> processed by
final convolutional layer.&#xD;&#xA;&#xA;> &#xD;&#xA;&#xA;> [![[enter image
description
here][1]][1]&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;---&#xD;&#xA;&#xD;&#xA;What exactly is
implied by **Our network has three types of inputs** above? Is it possible for
convolutional neural network to pass different types of inputs differently?
&#xD;&#xA;&#xD;&#xA;From my understanding, neural network for **Screenshot**
input would be created like this:&#xD;&#xA;&#xD;&#xA;      def CNN(features,
labels, mode):&#xD;&#xA;      input_layer = tf.reshape(image, [-1, 1280, 1280,
1])&#xD;&#xA;      &#xD;&#xA;      # Conv+ReLU&#xD;&#xA;      conv_relu_1 =
tf.layers.conv2d(&#xD;&#xA;      inputs=input_layer,&#xD;&#xA;
filters=96,&#xD;&#xA;      kernel_size=[11, 11],&#xD;&#xA;
padding=&quot;same&quot;,&#xD;&#xA;      activation=tf.nn.relu)&#xD;&#xA;
&#xD;&#xA;      # MaxPool&#xD;&#xA;      pool1 =
tf.layers.max_pooling2d(inputs=conv1, pool_size=[3, 3], strides=2)&#xD;&#xA;
&#xD;&#xA;      # Conv + ReLU&#xD;&#xA;      ...&#xD;&#xA;      &#xD;&#xA;So let's
say this is first neural network, then should I create another neural network
for --> Word Count (53)
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UserId="52089" Comment="added 213 characters in body" --> Word Count (113)
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UserId="25442" --> Word Count (1)
UserId="32440" --> Word Count (175)
UserId="32440" --> Word Count (8)

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 UserId="66134" --> Word Count (90)
 UserId="66134" Comment="edited body" --> Word Count (90)
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 UserId="66154" --> Word Count (1)
 UserId="66155" --> Word Count (115)
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 UserId="66155" --> Word Count (1)
 UserId="59422" --> Word Count (81)
 UserId="57691" --> Word Count (256)
 UserId="57691" --> Word Count (12)
 UserId="57691" --> Word Count (1)
 UserId="57691" Comment="added 12 characters in body" --> Word Count (264)
 UserId="66165" --> Word Count (108)
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 UserId="47562" --> Word Count (68)
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 UserId="59004" --> Word Count (1)
 UserId="61645" --> Word Count (172)
 UserId="57691" Comment="edited tags" --> Word Count (1)
 UserId="44808" --> Word Count (86)
 UserId="44808" --> Word Count (5)
 UserId="44808" --> Word Count (1)
 UserId="57691" Comment="edited tags" --> Word Count (14)
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 UserId="2893" --> Word Count (183)
 UserId="2893" --> Word Count (8)
 UserId="2893" --> Word Count (1)
 UserId="61645" --> Word Count (176)
 UserId="61645" --> Word Count (40)
 UserId="14006" Comment="quote format" --> Word Count (156)
 UserId="27665" Comment="refine style" --> Word Count (118)
 UserId="45507" Comment="deleted 2 characters in body" --> Word Count (1056)
 UserId="64758" --> Word Count (23)
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 UserId="64973" Comment="added a link to the paper" --> Word Count (175)
 UserId="17177" Comment="added 657 characters in body" --> Word Count (799)
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 UserId="66117" --> Word Count (5)

UserId="66117" --> Word Count (1)
 UserId="66190" Text="I am considering two tasks:

- Dialog Act
 Classification from --> Word Count (68)
 UserId="66190" --> Word Count (9)
 UserId="66190" --> Word Count (1)
 UserId="52681" --> Word Count (34)
 UserId="66193" --> Word Count (56)
 UserId="66193" --> Word Count (9)
 UserId="66193" --> Word Count (1)
 UserId="57691" --> Word Count (260)
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 UserId="57691" --> Word Count (1)
 UserId="57691" Comment="edited tags" --> Word Count (1)
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 UserId="66192" --> Word Count (1)
 UserId="836" --> Word Count (197)
 --> Word Count (360)
 UserId="65309" --> Word Count (7)
 UserId="65309" --> Word Count (1)
 UserId="17177" --> Word Count (135)
 UserId="836" Comment="added 19 characters in body" --> Word Count (198)
 UserId="52681" Text="A typical model you could use is shown
 below-

Input --> Word Count (59)
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 UserId="57691" Comment="added 169 characters in body" --> Word Count (454)
 UserId="57691" Comment="added 2 characters in body" --> Word Count (454)
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 UserId="66232" --> Word Count (1)
 UserId="61645" Comment="Added working solution" --> Word Count (11258)
 UserId="50019" --> Word Count (68)
 UserId="50019" --> Word Count (4)
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 UserId="66232" Comment="added 275 characters in body" --> Word Count (201)
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 UserId="54292" --> Word Count (7)
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 UserId="66117" Comment="Active reading and formatting changes + code indentation" --> Word Count (299)
 UserId="66245" --> Word Count (137)
 UserId="66245" Text=" --> Word Count (7)
 UserId="66245" --> Word Count (1)
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 UserId="66155" Comment="deleted 1 character in body" --> Word Count (115)
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 UserId="65733" --> Word Count (1)
 UserId="28175" --> Word Count (143)
 UserId="28175" Comment="added 3 characters in body; edited tags" --> Word Count (105)
 UserId="28175" Comment="added 3 characters in body; edited tags" --> Word Count (1)
 UserId="61418" --> Word Count (33)
 UserId="65908" --> Word Count (22)
 UserId="65908" --> Word Count (11)
 UserId="65908" --> Word Count (1)
 UserId="66252" --> Word Count (92)

UserId="66243" --> Word Count (590)
 UserId="65698" --> Word Count (196)
 UserId="50870" Comment="added 5 characters in body" --> Word Count (135)
 UserId="61645" --> Word Count (206)
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 UserId="61645" --> Word Count (1)
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 UserId="66263" --> Word Count (1)
 UserId="37567" --> Word Count (1156)
 UserId="39289" --> Word Count (100)
 UserId="32492" Comment="Active reading and formatting changes" --> Word Count (175)
 UserId="32492" Comment="Active reading and formatting changes" --> Word Count (10)
 UserId="61846" Comment="Nicer equations" --> Word Count (185)
 UserId="50519" --> Word Count (394)
 UserId="23305" --> Word Count (49)
 UserId="66243" Comment="deleted 2 characters in body" --> Word Count (590)
 UserId="47126" --> Word Count (32)
 UserId="47126" --> Word Count (4)
 UserId="47126" --> Word Count (1)
 UserId="66165" --> Word Count (15)
 UserId="66165" --> Word Count (11)
 UserId="66165" --> Word Count (1)
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 UserId="53278" --> Word Count (1)
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 <DELETE> --> Word Count (15)
 <DELETE> --> Word Count (1)
 UserId="836" Comment="added 587 characters in body" --> Word Count (305)
 UserId="59004" Comment="added 214 characters in body; edited tags" --> Word Count (102)
 UserId="59004" Comment="added 214 characters in body; edited tags" --> Word Count (1)
 UserId="64469" --> Word Count (134)
 UserId="63871" --> Word Count (38)
 UserId="41771" --> Word Count (58)
 UserId="41771" --> Word Count (63)
 UserId="29498" --> Word Count (100)
 UserId="29498" --> Word Count (8)
 UserId="29498" --> Word Count (1)
 <DELETE> --> Word Count (522)
 <DELETE> --> Word Count (1)

UserId="27665" --> Word Count (77)
 UserId="-1" Comment="Added a blog post for further reference." --> Word Count (260)
 UserId="58433" --> Word Count (126)
 UserId="58433" --> Word Count (11)
 UserId="58433" --> Word Count (1)
 UserId="41771" --> Word Count (152)
 UserId="56647" --> Word Count (77)
 UserId="57691" Comment="added 549 characters in body" --> Word Count (489)
 UserId="57691" Comment="deleted 495 characters in body" --> Word Count (457)
 UserId="65911" --> Word Count (139)
 UserId="65911" --> Word Count (10)
 UserId="65911" --> Word Count (1)
 UserId="57691" Comment="added 227 characters in body" --> Word Count (510)
 UserId="66300" --> Word Count (94)
 UserId="66300" --> Word Count (21)
 UserId="66300" --> Word Count (1)
 UserId="61756" --> Word Count (34)
 UserId="61756" --> Word Count (6)
 UserId="61756" --> Word Count (1)
 UserId="50519" Comment="added 71 characters in body" --> Word Count (405)
 UserId="63253" Comment="minor changes" --> Word Count (85)
 UserId="66305" --> Word Count (96)
 UserId="66305" --> Word Count (8)
 UserId="66305" --> Word Count (1)
 UserId="63582" --> Word Count (42)
 UserId="1029" --> Word Count (176)
 UserId="63582" --> Word Count (49)
 UserId="59868" --> Word Count (67)
 UserId="59868" --> Word Count (10)
 UserId="59868" --> Word Count (1)
 UserId="66243" Comment="added 82 characters in body" --> Word Count (594)
 UserId="59868" Comment="added 108 characters in body; edited title" --> Word Count (87)
 UserId="59868" Comment="added 108 characters in body; edited title" --> Word Count (15)
 UserId="23240" --> Word Count (344)
 UserId="8878" --> Word Count (81)
 UserId="33646" Comment="provided a link to blog post illustrating the workflow proposed" --> Word Count (215)
 UserId="59868" Comment="adding example code" --> Word Count (172)
 UserId="66310" --> Word Count (276)
 UserId="66310" --> Word Count (9)
 UserId="66310" --> Word Count (1)
 UserId="65776" --> Word Count (106)
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 UserId="52681" --> Word Count (36)

UserId="66315" --> Word Count (43)
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 UserId="66315" --> Word Count (1)
 UserId="45264" --> Word Count (197)
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 UserId="47359" --> Word Count (1)
 UserId="66317" --> Word Count (66)
 UserId="66317" --> Word Count (5)
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 UserId="47359" Comment="added 9 characters in body" --> Word Count (992)
 UserId="58433" Comment="edited title" --> Word Count (19)
 UserId="58433" Comment="edited title" --> Word Count (133)
 UserId="58433" Comment="edited title" --> Word Count (22)
 UserId="40044" --> Word Count (128)
 UserId="58433" --> Word Count (24)
 UserId="58433" --> Word Count (8)
 UserId="58433" --> Word Count (1)
 UserId="61645" --> Word Count (108)
 UserId="38339" --> Word Count (186)
 UserId="66328" --> Word Count (38)
 UserId="66328" --> Word Count (15)
 UserId="66328" --> Word Count (1)
 UserId="17640" --> Word Count (91)
 UserId="20492" --> Word Count (417)
 UserId="20492" --> Word Count (87)
 UserId="57548" --> Word Count (221)
 UserId="57548" --> Word Count (6)
 UserId="57548" --> Word Count (1)
 UserId="924" --> Word Count (27)
 UserId="66336" --> Word Count (59)
 UserId="38892" Comment="mathjax formatting" --> Word Count (220)
 UserId="38892" --> Word Count (105)
 UserId="38339" --> Word Count (117)
 UserId="38339" --> Word Count (5)
 UserId="38339" --> Word Count (1)
 UserId="17640" --> Word Count (57)
 UserId="66343" --> Word Count (120)
 UserId="66343" --> Word Count (7)
 UserId="66343" --> Word Count (1)
 UserId="38892" --> Word Count (82)
 UserId="66345" --> Word Count (125)
 UserId="66345" --> Word Count (13)
 UserId="66345" --> Word Count (1)
 UserId="66343" Comment="edited tags" --> Word Count (1)
 UserId="14006" --> Word Count (28)
 UserId="61406" --> Word Count (79)
 UserId="61406" --> Word Count (8)

UserId="61406" --> Word Count (1)
 UserId="41771" Comment="added 200 characters in body" --> Word Count (82)
 UserId="65495" --> Word Count (84)
 UserId="65495" --> Word Count (16)
 UserId="65495" --> Word Count (1)
 UserId="40147" --> Word Count (38)
 UserId="64577" --> Word Count (87)
 UserId="64577" Comment="added 3 characters in body" --> Word Count (87)
 UserId="66356" --> Word Count (136)
 UserId="66356" --> Word Count (14)
 UserId="66356" --> Word Count (1)
 UserId="66215" --> Word Count (17)
 UserId="66215" --> Word Count (10)
 UserId="66215" --> Word Count (1)
 UserId="54229" --> Word Count (63)
 UserId="66355" --> Word Count (83)
 UserId="43473" --> Word Count (226)
 UserId="43473" --> Word Count (5)
 UserId="43473" --> Word Count (1)
 UserId="63871" --> Word Count (19)
 UserId="61645" --> Word Count (105)
 UserId="66315" --> Word Count (76)
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 UserId="25289" --> Word Count (1)
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 UserId="57019" --> Word Count (4)
 UserId="57019" --> Word Count (1)
 UserId="65323" --> Word Count (116)
 UserId="43309" --> Word Count (158)
 UserId="43309" --> Word Count (9)
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 UserId="51845" Comment="fixing my horrific noob formatting" --> Word Count (387)
 UserId="43309" Comment="deleted 5 characters in body" --> Word Count (158)
 UserId="56354" --> Word Count (40)
 UserId="64410" --> Word Count (38)
 UserId="64410" --> Word Count (9)
 UserId="64410" --> Word Count (1)
 UserId="64410" Comment="Better formulation of a question" --> Word Count (40)
 UserId="64410" Comment="Better formulation of a question" --> Word Count (13)
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 UserId="24703" --> Word Count (1)
 UserId="44083" --> Word Count (130)
 UserId="44083" --> Word Count (11)

UserId="44083" --> Word Count (1)
 UserId="66366" --> Word Count (341)
 UserId="66366" --> Word Count (13)
 UserId="66366" --> Word Count (1)
 UserId="33183" --> Word Count (34)
 UserId="33183" --> Word Count (3)
 UserId="33183" --> Word Count (1)
 UserId="54096" --> Word Count (73)
 UserId="66375" --> Word Count (102)
 UserId="553" Comment="edited body" --> Word Count (140)
 UserId="54096" --> Word Count (144)
 UserId="66372" --> Word Count (76)
 UserId="66372" --> Word Count (7)
 UserId="66372" --> Word Count (1)
 UserId="66040" --> Word Count (86)
 UserId="66040" --> Word Count (11)
 UserId="66040" --> Word Count (1)
 UserId="66380" --> Word Count (127)
 UserId="66380" --> Word Count (6)
 UserId="66380" --> Word Count (1)
 UserId="43455" --> Word Count (303)
 UserId="43455" --> Word Count (7)
 UserId="43455" --> Word Count (1)
 UserId="66373" --> Word Count (77)
 UserId="1330" Comment="deleted 1 character in body" --> Word Count (25)
 UserId="66379" --> Word Count (231)
 UserId="1330" Comment="edited title" --> Word Count (13)
 UserId="1330" --> Word Count (85)
 UserId="38892" Comment="added 21 characters in body" --> Word Count (97)
 UserId="61998" --> Word Count (119)
 UserId="61998" --> Word Count (9)
 UserId="61998" --> Word Count (1)
 UserId="61998" Comment="edited title" --> Word Count (9)
 UserId="61998" Comment="edited title" --> Word Count (142)
 UserId="61998" Comment="added 2 characters in body" --> Word Count (142)
 UserId="66387" --> Word Count (105)
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 UserId="66387" --> Word Count (1)
 UserId="66390" --> Word Count (30)
 UserId="52681" Comment="added 662 characters in body" --> Word Count (139)
 UserId="17640" --> Word Count (116)
 UserId="60714" --> Word Count (62)
 UserId="60714" --> Word Count (9)
 UserId="60714" --> Word Count (1)
 UserId="52681" --> Word Count (117)
 UserId="63826" --> Word Count (70)
 UserId="63826" --> Word Count (6)
 UserId="63826" --> Word Count (1)

UserId="52681" --> Word Count (29)
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UserId="54683" --> Word Count (136)
UserId="54683" --> Word Count (6)
UserId="54683" --> Word Count (1)
UserId="54683" --> Word Count (58)
UserId="54683" Comment="added 7 characters in body" --> Word Count (58)
UserId="66336" --> Word Count (59)
UserId="66336" Comment="added 5 characters in body" --> Word Count (59)
UserId="54683" --> Word Count (14)
UserId="66336" --> Word Count (160)
UserId="66336" --> Word Count (18)
UserId="66336" --> Word Count (1)
UserId="-1" Comment="102" --> Word Count (3)
UserId="64410" Comment="added 77 characters in body" --> Word Count (46)
UserId="66411" --> Word Count (91)
UserId="66411" --> Word Count (6)
UserId="66411" --> Word Count (1)
UserId="65153" --> Word Count (319)
UserId="65153" --> Word Count (10)
UserId="65153" --> Word Count (1)
UserId="66421" --> Word Count (118)
UserId="66421" --> Word Count (8)
UserId="66421" --> Word Count (1)
UserId="45264" --> Word Count (159)
UserId="64304" --> Word Count (44)
UserId="64304" --> Word Count (6)
UserId="64304" --> Word Count (1)
UserId="45264" --> Word Count (370)
UserId="40277" --> Word Count (70)
UserId="40277" --> Word Count (5)
UserId="40277" --> Word Count (1)
UserId="66398" --> Word Count (100)
UserId="66398" --> Word Count (8)
UserId="66398" --> Word Count (1)
UserId="66336" Comment="edited tags" --> Word Count (1)
UserId="16581" --> Word Count (292)
UserId="16581" --> Word Count (6)
UserId="16581" --> Word Count (1)
UserId="53812" --> Word Count (60)
UserId="50833" --> Word Count (224)
UserId="64588" --> Word Count (224)
UserId="64588" --> Word Count (7)
UserId="64588" --> Word Count (1)
UserId="66411" Comment="added 38 characters in body" --> Word Count (96)
UserId="43309" --> Word Count (128)
UserId="43309" --> Word Count (13)

UserId="43309" --> Word Count (1)
 UserId="66431" --> Word Count (18)
 UserId="66431" --> Word Count (6)
 UserId="66431" --> Word Count (1)
 UserId="32745" --> Word Count (130)
 UserId="44875" --> Word Count (59)
 UserId="53812" Comment="Added the complete answer." --> Word Count (121)
 UserId="61645" --> Word Count (26)
 UserId="11097" Comment="104" --> Word Count (3)
 UserId="11097" Comment="102" --> Word Count (3)
 UserId="66380" --> Word Count (74)
 UserId="66380" --> Word Count (7)
 UserId="66380" --> Word Count (1)
 UserId="35596" --> Word Count (93)
 UserId="35596" --> Word Count (5)
 UserId="35596" --> Word Count (1)
 UserId="35596" Comment="added 283 characters in body" --> Word Count (134)
 UserId="64470" --> Word Count (116)
 UserId="64470" --> Word Count (7)
 UserId="64470" --> Word Count (1)
 UserId="43309" --> Word Count (167)
 UserId="43309" --> Word Count (7)
 UserId="43309" --> Word Count (1)
 UserId="66336" Comment="Added second piece of code, in response to the comment."
 --> Word Count (122)
 UserId="66438" --> Word Count (140)
 UserId="66438" --> Word Count (15)
 UserId="66438" --> Word Count (1)
 UserId="66438" Comment="via Vote" --> Word Count (1)
 UserId="66438" --> Word Count (1)
 UserId="66438" Comment="added 3 characters in body" --> Word Count (140)
 UserId="66437" --> Word Count (93)
 UserId="66437" --> Word Count (6)
 UserId="66437" --> Word Count (1)
 UserId="61998" --> Word Count (199)
 UserId="35596" Comment="added 231 characters in body" --> Word Count (168)
 UserId="66439" --> Word Count (85)
 UserId="66439" --> Word Count (6)
 UserId="66439" --> Word Count (1)
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 UserId="61645" --> Word Count (62)
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 UserId="52695" --> Word Count (16)
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 UserId="21056" --> Word Count (129)
 UserId="21056" --> Word Count (3)
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 UserId="64553" --> Word Count (9)
 UserId="64553" --> Word Count (1)
 UserId="1330" --> Word Count (91)
 UserId="66447" --> Word Count (121)
 UserId="66447" --> Word Count (9)
 UserId="66447" --> Word Count (1)
 UserId="64189" --> Word Count (27)
 UserId="64856" --> Word Count (70)
 UserId="64856" --> Word Count (8)
 UserId="64856" --> Word Count (1)
 UserId="47359" Text="This could be considered as an extension of my previous question "[How to make a region of interest proposal from convolutional feature maps?][1]".

Network 1:

I have a multi-input neural network, it takes three types of inputs:

Screenshot: 1280x800 2D input shape.

** --> Word Count (1088)
 UserId="47359" --> Word Count (7)
 UserId="47359" --> Word Count (1)
 UserId="53812" --> Word Count (61)
 <DELETE> --> Word Count (164)
 <DELETE> --> Word Count (7)
 <DELETE> --> Word Count (1)
 UserId="66455" --> Word Count (81)
 UserId="66455" --> Word Count (4)
 UserId="66455" --> Word Count (1)
 UserId="16220" --> Word Count (260)
 UserId="17696" --> Word Count (441)
 UserId="66456" --> Word Count (334)
 UserId="66456" --> Word Count (10)
 UserId="66456" --> Word Count (1)
 UserId="66456" Comment="added 103 characters in body" --> Word Count (350)
 UserId="63906" --> Word Count (26)
 UserId="50519" Comment="reformatted the shape of the data" --> Word Count (83)
 UserId="66455" Comment="reformatted the shape of the data" --> Word Count (1)
 UserId="66455" Comment="reformatted the shape of the data" --> Word Count (83)
 UserId="26510" --> Word Count (271)
 UserId="26510" --> Word Count (15)
 UserId="26510" --> Word Count (1)
 UserId="26562" Comment="improved formatting, removed 'thank you'" --> Word Count (89)

UserId="26562" --> Word Count (172)
 UserId="62018" --> Word Count (345)
 UserId="62018" --> Word Count (9)
 UserId="62018" --> Word Count (1)
 UserId="-1" Comment="fixed grammar, improved formatting" --> Word Count (575)
 UserId="62097" --> Word Count (73)
 UserId="66421" Comment="added 73 characters in body" --> Word Count (127)
 UserId="65153" Comment="added sample dataframes" --> Word Count (689)
 UserId="66469" --> Word Count (31)
 UserId="66469" --> Word Count (4)
 UserId="66469" --> Word Count (1)
 UserId="66470" --> Word Count (112)
 UserId="66470" --> Word Count (7)
 UserId="66470" --> Word Count (1)
 UserId="52618" --> Word Count (94)
 UserId="52618" --> Word Count (19)
 UserId="52618" --> Word Count (1)
 UserId="29157" --> Word Count (239)
 UserId="29157" --> Word Count (10)
 UserId="29157" --> Word Count (1)
 UserId="66472" --> Word Count (17)
 UserId="42242" --> Word Count (117)
 UserId="42242" --> Word Count (6)
 UserId="42242" --> Word Count (1)
 UserId="53812" --> Word Count (113)
 UserId="59085" --> Word Count (80)
 UserId="10074" --> Word Count (128)
 UserId="10074" --> Word Count (14)
 UserId="10074" --> Word Count (1)
 UserId="5091" --> Word Count (122)
 UserId="5091" --> Word Count (11)
 UserId="5091" --> Word Count (1)
 UserId="66366" --> Word Count (98)
 UserId="66366" --> Word Count (9)
 UserId="66366" --> Word Count (1)
 UserId="66478" --> Word Count (69)
 UserId="66478" --> Word Count (15)
 UserId="66478" --> Word Count (1)
 UserId="10074" Comment="added 2 characters in body" --> Word Count (128)
 UserId="21056" --> Word Count (22)
 UserId="66479" --> Word Count (73)
 UserId="66481" --> Word Count (150)
 UserId="66481" --> Word Count (7)
 UserId="66481" --> Word Count (1)
 UserId="66483" --> Word Count (100)
 UserId="66484" --> Word Count (42)
 UserId="66366" Comment="added 473 characters in body" --> Word Count (217)
 UserId="40250" --> Word Count (45)

UserId="40250" --> Word Count (10)
 UserId="40250" --> Word Count (1)
 UserId="66479" --> Word Count (71)
 UserId="66485" --> Word Count (48)
 UserId="66483" Comment="added 109 characters in body" --> Word Count (165)
 UserId="66487" --> Word Count (132)
 UserId="66483" Comment="added 109 characters in body" --> Word Count (172)
 UserId="57434" --> Word Count (535)
 UserId="57434" --> Word Count (6)
 UserId="57434" --> Word Count (1)
 UserId="56354" --> Word Count (10)
 UserId="57434" --> Word Count (117)
 UserId="65228" --> Word Count (81)
 UserId="57434" Comment="deleted 3 characters in body" --> Word Count (535)
 UserId="61645" --> Word Count (17)
 UserId="66478" Comment="added 2 characters in body" --> Word Count (69)
 UserId="66040" Comment="added 49 characters in body" --> Word Count (117)
 UserId="35596" Comment="added 306 characters in body" --> Word Count (247)
 UserId="66252" --> Word Count (183)
 UserId="66252" --> Word Count (11)
 UserId="66252" --> Word Count (1)
 UserId="65699" --> Word Count (197)
 UserId="65699" --> Word Count (10)
 UserId="65699" --> Word Count (1)
 UserId="58433" --> Word Count (10)
 UserId="58433" --> Word Count (9)
 UserId="58433" --> Word Count (1)
 UserId="66252" Comment="added 67 characters in body" --> Word Count (194)
 UserId="66019" --> Word Count (144)
 UserId="66019" --> Word Count (14)
 UserId="66019" --> Word Count (1)
 UserId="35596" Comment="added 375 characters in body" --> Word Count (296)
 UserId="66036" --> Word Count (363)
 UserId="66036" --> Word Count (9)
 UserId="66036" --> Word Count (1)
 UserId="66404" --> Word Count (148)
 UserId="66019" Comment="edited body" --> Word Count (144)
 UserId="66504" --> Word Count (42)
 UserId="66504" --> Word Count (13)
 UserId="66504" --> Word Count (1)
 UserId="23305" Comment="deleted 24 characters in body" --> Word Count (169)
 UserId="45264" --> Word Count (193)
 UserId="56922" --> Word Count (120)
 UserId="56922" --> Word Count (10)
 UserId="56922" --> Word Count (1)
 UserId="65699" Comment="deleted 53 characters in body; edited title" --> Word Count (192)
 UserId="65699" Comment="deleted 53 characters in body; edited title" --> Word

Count (7)

UserId="65266" --> Word Count (32)

UserId="66036" Comment="added 122 characters in body; edited title" --> Word Count (379)

UserId="66036" Comment="added 122 characters in body; edited title" --> Word Count (6)

UserId="8820" --> Word Count (158)

UserId="1330" Comment="added 23 characters in body" --> Word Count (94)

UserId="65616" --> Word Count (111)

UserId="65616" --> Word Count (114)

UserId="66510" --> Word Count (296)

UserId="66510" --> Word Count (16)

UserId="66510" --> Word Count (1)

UserId="66510" Comment="edited title" --> Word Count (19)

UserId="38892" Comment="added 12 characters in body" --> Word Count (132)

UserId="38892" Comment="added 182 characters in body" --> Word Count (58)

UserId="66525" --> Word Count (1605)

UserId="66525" --> Word Count (20)

UserId="66525" --> Word Count (1)

UserId="45374" Comment="Edited for clarity" --> Word Count (44)

UserId="21" Comment="104" --> Word Count (4)

UserId="21" Comment="103" --> Word Count (4)

UserId="21" Comment="102" --> Word Count (4)

UserId="21" Comment="104" --> Word Count (2)

UserId="21" Comment="104" --> Word Count (4)

UserId="21" Comment="103" --> Word Count (4)

UserId="43077" Comment="added 65 characters in body" --> Word Count (598)

UserId="43077" Comment="added 6 characters in body" --> Word Count (545)

UserId="66532" --> Word Count (169)

UserId="66532" --> Word Count (8)

UserId="66532" --> Word Count (1)

UserId="66534" --> Word Count (91)

UserId="66534" --> Word Count (10)

UserId="66534" --> Word Count (1)

UserId="50833" --> Word Count (907)

UserId="61756" --> Word Count (36)

UserId="61756" --> Word Count (12)

UserId="61756" --> Word Count (1)

UserId="61756" Comment="added 237 characters in body" --> Word Count (74)

UserId="50833" --> Word Count (114)

UserId="61645" --> Word Count (15)

UserId="57434" Comment="added 1 character in body" --> Word Count (117)

UserId="66538" --> Word Count (174)

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UserId="66539" --> Word Count (62)

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UserId="66565" --> Word Count (1)
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 UserId="62386" --> Word Count (31)
 UserId="62386" --> Word Count (5)
 UserId="62386" --> Word Count (1)
 UserId="57434" --> Word Count (221)
 UserId="57434" --> Word Count (9)
 UserId="57434" --> Word Count (1)
 UserId="62018" --> Word Count (232)
 UserId="62018" --> Word Count (4)
 UserId="62018" --> Word Count (1)
 UserId="52089" --> Word Count (39)
 UserId="62018" Comment="added 106 characters in body" --> Word Count (250)
 UserId="52089" Comment="added 280 characters in body" --> Word Count (72)
 UserId="57434" --> Word Count (289)
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 UserId="42060" --> Word Count (113)
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 UserId="64083" --> Word Count (1)
 UserId="29587" --> Word Count (154)
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 UserId="45064" --> Word Count (34)
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 UserId="66581" --> Word Count (1)
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 UserId="58743" --> Word Count (1)

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UserId="8752" --> Word Count (37)
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UserId="33198" Comment="added 86 characters in body" --> Word Count (254)
UserId="66589" --> Word Count (32)
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UserId="63263" --> Word Count (1)
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UserId="66604" --> Word Count (53)
UserId="66604" --> Word Count (5)
UserId="66604" --> Word Count (1)
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UserId="59004" --> Word Count (1)
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UserId="66605" --> Word Count (6)
UserId="66605" --> Word Count (1)
UserId="66470" --> Word Count (41)
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UserId="53812" --> Word Count (226)
UserId="38892" --> Word Count (114)
UserId="66437" Comment="EDIT, as it seems the question is unclear" --> Word Count (120)
UserId="66317" Comment="deleted 6 characters in body" --> Word Count (62)
UserId="65698" --> Word Count (124)
UserId="29134" --> Word Count (37)
UserId="17020" --> Word Count (10)
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UserId="66619" --> Word Count (528)
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UserId="64656" --> Word Count (3)
UserId="64656" --> Word Count (1)
UserId="50833" --> Word Count (203)
UserId="66621" --> Word Count (757)
UserId="66621" --> Word Count (7)
UserId="66621" --> Word Count (1)
UserId="50179" --> Word Count (93)
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UserId="62528" --> Word Count (1)
UserId="41771" --> Word Count (57)
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UserId="66626" --> Word Count (8)
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 UserId="66639" --> Word Count (122)
 UserId="66639" --> Word Count (15)
 UserId="66639" --> Word Count (1)
 UserId="43309" Comment="the answer might reply for different types of da" --> Word Count (202)
 UserId="18626" --> Word Count (31)
 UserId="66640" --> Word Count (151)
 UserId="66640" --> Word Count (5)
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 UserId="40044" --> Word Count (98)
 UserId="62743" --> Word Count (442)
 UserId="66621" Comment="deleted 195 characters in body" --> Word Count (726)
 UserId="63826" Comment="added 40 characters in body" --> Word Count (46)
 UserId="65698" --> Word Count (95)
 UserId="66648" --> Word Count (128)
 UserId="66646" --> Word Count (301)
 UserId="66646" --> Word Count (10)
 UserId="66646" --> Word Count (1)
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 UserId="28175" Comment="deleted 35 characters in body; edited tags; edited

title" --> Word Count (9)
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 UserId="28175" Comment="added 160 characters in body" --> Word Count (136)
 UserId="51419" --> Word Count (60)
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 UserId="66656" --> Word Count (13)
 UserId="66656" Comment="Answered additional question in comment" --> Word Count (41)
 UserId="51419" Comment="added 9 characters in body" --> Word Count (61)
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 UserId="45374" Comment="Edited for clarity" --> Word Count (45)
 UserId="66661" Text="I am loading the model using gensim package this way:

 from gensim.models import FastText
 model = FastText.load_fasttext_format('wiki-news-300d-1M-subword.bin')

as stated [here] [1].

 UnicodeDecodeError: 'utf-8' codec can't decode byte 0xe6 in position 57: unexpected end of data

The .bin file is downloaded from this [source] [2].

How to load the model correctly?


 [1]: <https://datascience.stackexchange.com/questions/20071/how-do-i-load-fasttext-pretrained-model-with-gensim>
 [2]: <https://github.com/facebookresearch/fast> --> Word Count (1)
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 UserId="66664" --> Word Count (7)
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 UserId="66665" --> Word Count (295)
 UserId="66665" --> Word Count (8)
 UserId="66665" --> Word Count (1)
 UserId="56380" --> Word Count (61)
 UserId="45374" Comment="Fixed grammar" --> Word Count (65)
 UserId="45374" Comment="Edited for clarity" --> Word Count (127)
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 UserId="40102" --> Word Count (8)

UserId="40102" --> Word Count (1)
 UserId="25345" --> Word Count (46)
 UserId="25345" --> Word Count (8)
 UserId="25345" --> Word Count (1)
 UserId="18626" --> Word Count (76)
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 UserId="25345" Comment="deleted 51 characters in body; edited tags; edited title" --> Word Count (9)
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 UserId="49626" --> Word Count (11)
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 UserId="49626" Comment="simplifying code " --> Word Count (518)
 UserId="66679" --> Word Count (30)
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 UserId="66679" --> Word Count (1)
 UserId="66380" --> Word Count (134)
 UserId="66380" --> Word Count (2)
 UserId="66380" --> Word Count (1)
 UserId="45374" --> Word Count (109)
 UserId="66685" --> Word Count (75)
 UserId="66685" --> Word Count (6)
 UserId="66685" --> Word Count (1)
 UserId="65228" Comment="added 1 character in body" --> Word Count (81)
 UserId="37475" --> Word Count (46)
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UserId="1029" Text="You could use the ```load_model``` method instead of
 ```load\_fasstext\_format``` method. Also, you could ```Fast --> Word Count (14)  
 UserId="50833" Comment="Inserting the image into the question (not as a link)"  
 --> Word Count (66)  
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 --> Word Count (75)  
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 UserId="66663" --> Word Count (1)  
 UserId="66705" --> Word Count (103)  
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 --> Word Count (33)  
 UserId="23305" Comment="deleted 3 characters in body; edited tags; edited title"  
 --> Word Count (10)  
 UserId="23305" Comment="deleted 3 characters in body; edited tags; edited title"  
 --> Word Count (1)  
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 UserId="66710" --> Word Count (747)  
 UserId="66710" --> Word Count (15)  
 UserId="66710" --> Word Count (1)  
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 (1)  
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 UserId="21" Comment="103" --> Word Count (4)  
 UserId="21" Comment="104" --> Word Count (4)  
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 UserId="21" Comment="104" --> Word Count (4)  
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 UserId="37475" Comment="added 53 characters in body" --> Word Count (54)  
 UserId="65225" --> Word Count (174)  
 UserId="65225" Comment="added 17 characters in body" --> Word Count (177)  
 UserId="65225" Comment="added 17 characters in body" --> Word Count (299)  
 UserId="65225" Comment="added 17 characters in body" --> Word Count (358)  
 UserId="66737" --> Word Count (83)  
 UserId="66737" --> Word Count (13)  
 UserId="66737" --> Word Count (1)  
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 UserId="66737" Comment="added 11 characters in body; edited title" --> Word Count (13)  
 UserId="66737" Comment="edited title" --> Word Count (13)  
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 UserId="44456" --> Word Count (37)  
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 UserId="49143" --> Word Count (327)  
 UserId="37814" Comment="deleted 3 characters in body" --> Word Count (69)  
 UserId="61790" Comment="deleted 1 character in body" --> Word Count (55)  
 UserId="66763" --> Word Count (73)

UserId="53812" --> Word Count (223)  
 UserId="13517" --> Word Count (39)  
 UserId="66767" --> Word Count (55)  
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 UserId="40277" --> Word Count (1)  
 UserId="8820" Comment="added 206 characters in body" --> Word Count (82)  
 UserId="66770" --> Word Count (79)  
 UserId="66770" --> Word Count (12)  
 UserId="66770" --> Word Count (1)  
 UserId="66770" Comment="more info" --> Word Count (98)  
 UserId="66753" Comment="proper formatting" --> Word Count (137)  
 UserId="53812" --> Word Count (40)  
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 UserId="66002" --> Word Count (34)  
 UserId="66002" Comment="fixed grammar, improved formatting" --> Word Count (121)  
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 UserId="61645" --> Word Count (41)  
 UserId="58310" --> Word Count (14)  
 UserId="66793" --> Word Count (34)  
 UserId="66793" --> Word Count (11)  
 UserId="66793" --> Word Count (1)  
 UserId="58310" --> Word Count (128)  
 UserId="66737" --> Word Count (189)  
 UserId="66737" --> Word Count (5)  
 UserId="66737" --> Word Count (1)  
 UserId="65616" --> Word Count (134)  
 UserId="23240" --> Word Count (122)  
 UserId="66795" --> Word Count (14)  
 UserId="23240" --> Word Count (138)  
 UserId="66793" Comment="added 10 characters in body" --> Word Count (34)  
 UserId="66798" --> Word Count (283)  
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 UserId="-1" Comment="103" --> Word Count (3)

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 UserId="66807" --> Word Count (1)  
 UserId="66809" --> Word Count (84)  
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 UserId="66809" --> Word Count (1)  
 UserId="66596" Comment="added 2 characters in body" --> Word Count (55)  
 UserId="60742" --> Word Count (1270)  
 UserId="66745" --> Word Count (102)  
 UserId="66745" --> Word Count (13)  
 UserId="66745" --> Word Count (1)  
 UserId="66807" Comment="added 225 characters in body" --> Word Count (100)  
 UserId="66745" Comment="added 48 characters in body" --> Word Count (150)  
 UserId="40277" Comment="edited title" --> Word Count (6)  
 UserId="62641" Comment="removed the full quote" --> Word Count (122)  
 UserId="66745" Comment="removed the full quote" --> Word Count (266)  
 UserId="66814" --> Word Count (155)  
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 UserId="39502" --> Word Count (159)  
 UserId="39502" --> Word Count (4)  
 UserId="39502" --> Word Count (1)  
 UserId="62641" Comment="stop editing back to a full quote, it's ugly no one want  
 to read your question ^^" --> Word Count (102)  
 UserId="57074" --> Word Count (172)  
 UserId="63871" --> Word Count (176)  
 UserId="45034" --> Word Count (66)  
 UserId="45034" --> Word Count (9)  
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 UserId="45374" Comment="Edited for clarity" --> Word Count (27)  
 UserId="45374" Comment="Edited for clarity" --> Word Count (3)  
 UserId="66821" --> Word Count (69)  
 UserId="66821" --> Word Count (5)  
 UserId="66821" --> Word Count (1)  
 UserId="52681" --> Word Count (48)  
 UserId="8878" --> Word Count (287)  
 UserId="8878" Comment="Removing discussion on fuzzy logic to avoid confusion,

some re-structuring" --> Word Count (250)  
 UserId="53812" --> Word Count (104)  
 UserId="40908" --> Word Count (57)  
 UserId="66639" --> Word Count (28)  
 UserId="39289" --> Word Count (59)  
 UserId="64651" --> Word Count (48)  
 UserId="64651" --> Word Count (10)  
 UserId="64651" --> Word Count (1)  
 UserId="33202" Comment="added 160 characters in body" --> Word Count (124)  
 UserId="66833" --> Word Count (105)  
 UserId="66833" --> Word Count (18)  
 UserId="66833" --> Word Count (1)  
 UserId="41771" --> Word Count (40)  
 UserId="61445" --> Word Count (835)  
 UserId="61445" --> Word Count (6)  
 UserId="61445" --> Word Count (1)  
 UserId="15828" Comment="edited body" --> Word Count (302)  
 UserId="66759" --> Word Count (87)  
 UserId="24000" Comment="Reformatted" --> Word Count (835)  
 UserId="66759" Comment="deleted 1 character in body" --> Word Count (87)  
 UserId="52291" --> Word Count (23)  
 UserId="66604" --> Word Count (42)  
 UserId="66604" --> Word Count (5)  
 UserId="66604" --> Word Count (1)  
 UserId="66386" --> Word Count (218)  
 UserId="66386" --> Word Count (7)  
 UserId="66386" --> Word Count (1)  
 UserId="23305" Comment="added 9 characters in body; edited title" --> Word Count (56)  
 UserId="23305" Comment="added 9 characters in body; edited title" --> Word Count (9)  
 UserId="53479" Comment="Added another resource that could serve to solve the problem in the question" --> Word Count (70)  
 UserId="23305" --> Word Count (30)  
 UserId="66804" --> Word Count (888)  
 UserId="66804" Comment="edited body" --> Word Count (888)  
 UserId="66372" --> Word Count (79)  
 UserId="66372" --> Word Count (3)  
 UserId="66372" --> Word Count (1)  
 UserId="64506" Comment="corrected spellings of lemmatization" --> Word Count (163)  
 UserId="21" Comment="104" --> Word Count (2)  
 UserId="21" --> Word Count (2)  
 UserId="66031" Text="I have a bunch of pdf forms that are uniquely different and I need to extract the text out of them. I need to consider the text could be inside a frame/box, in columns and/or separated by paragraphs.&#xD;&#xA;&#xD;&#xA; --> Word Count (17)  
 UserId="66031" --> Word Count (15)



UserId="66031" --> Word Count (1)  
UserId="23305" Comment="edited tags" --> Word Count (1)  
UserId="65616" --> Word Count (38)  
UserId="38339" --> Word Count (90)  
UserId="37736" --> Word Count (119)  
UserId="37736" --> Word Count (11)  
UserId="37736" --> Word Count (1)  
UserId="63906" --> Word Count (56)  
UserId="66665" Comment="deleted 914 characters in body" --> Word Count (116)  
UserId="37736" Comment="clarification - highlighted clear question" --> Word Count (153)  
UserId="66737" --> Word Count (432)  
UserId="66737" --> Word Count (12)  
UserId="66737" --> Word Count (1)  
UserId="62071" --> Word Count (104)  
UserId="62071" --> Word Count (9)  
UserId="62071" --> Word Count (1)  
UserId="66737" Comment="added 248 characters in body" --> Word Count (455)  
UserId="65140" --> Word Count (75)  
UserId="60742" --> Word Count (117)  
UserId="35644" Comment="added 4 characters in body" --> Word Count (82)  
UserId="21" Comment="103" --> Word Count (2)  
UserId="60742" --> Word Count (196)  
UserId="60742" --> Word Count (12)  
UserId="60742" --> Word Count (1)  
UserId="60742" Comment="added 47 characters in body" --> Word Count (203)  
UserId="66864" --> Word Count (269)  
UserId="66864" --> Word Count (10)  
UserId="66864" --> Word Count (1)  
UserId="8820" --> Word Count (136)  
UserId="62938" --> Word Count (65)  
UserId="62938" --> Word Count (10)  
UserId="62938" --> Word Count (1)  
UserId="8820" Comment="deleted 8 characters in body; edited title" --> Word Count (79)  
UserId="8820" Comment="deleted 8 characters in body; edited title" --> Word Count (6)  
UserId="8820" Comment="added 193 characters in body" --> Word Count (158)  
UserId="60629" --> Word Count (91)  
UserId="60629" --> Word Count (7)  
UserId="60629" --> Word Count (1)  
UserId="66880" --> Word Count (166)  
UserId="66880" --> Word Count (11)  
UserId="66880" --> Word Count (1)  
UserId="62938" --> Word Count (48)  
UserId="62938" --> Word Count (12)  
UserId="62938" --> Word Count (1)  
UserId="66880" Comment="added 41 characters in body" --> Word Count (175)

UserId="50833" --> Word Count (341)  
 UserId="57727" --> Word Count (66)  
 UserId="57727" --> Word Count (12)  
 UserId="57727" --> Word Count (1)  
 UserId="60629" Comment="deleted 86 characters in body" --> Word Count (74)  
 UserId="52291" Comment="Wording" --> Word Count (23)  
 UserId="64469" --> Word Count (88)  
 UserId="62344" --> Word Count (133)  
 UserId="62344" --> Word Count (7)  
 UserId="62344" --> Word Count (1)  
 UserId="53812" --> Word Count (129)  
 UserId="924" --> Word Count (94)  
 UserId="8240" --> Word Count (61)  
 UserId="8240" --> Word Count (14)  
 UserId="8240" --> Word Count (1)  
 UserId="41771" --> Word Count (54)  
 UserId="66759" --> Word Count (33)  
 UserId="66892" --> Word Count (71)  
 UserId="66892" --> Word Count (11)  
 UserId="66892" --> Word Count (1)  
 UserId="60224" --> Word Count (935)  
 UserId="60224" --> Word Count (4)  
 UserId="60224" --> Word Count (1)  
 UserId="66896" --> Word Count (120)  
 UserId="66896" --> Word Count (9)  
 UserId="66896" --> Word Count (1)  
 UserId="66898" --> Word Count (275)  
 UserId="66898" --> Word Count (13)  
 UserId="66898" --> Word Count (1)  
 UserId="32745" --> Word Count (66)  
 UserId="32745" --> Word Count (5)  
 UserId="32745" --> Word Count (1)  
 UserId="66165" --> Word Count (9)  
 UserId="66165" --> Word Count (12)  
 UserId="66165" --> Word Count (1)  
 UserId="66165" Comment="deleted 6 characters in body" --> Word Count (8)  
 UserId="23240" --> Word Count (65)  
 UserId="66902" --> Word Count (147)  
 UserId="66902" --> Word Count (4)  
 UserId="66902" --> Word Count (1)  
 UserId="41771" --> Word Count (102)  
 UserId="37814" --> Word Count (315)  
 UserId="37814" --> Word Count (10)  
 UserId="37814" --> Word Count (1)  
 UserId="50406" --> Word Count (74)  
 UserId="32745" Comment="added 153 characters in body" --> Word Count (97)  
 UserId="66902" Comment="added 79 characters in body" --> Word Count (156)  
 UserId="66905" --> Word Count (37)

UserId="66905" --> Word Count (5)  
 UserId="66905" --> Word Count (1)  
 UserId="66896" Comment="added 6 characters in body" --> Word Count (120)  
 UserId="27432" --> Word Count (78)  
 UserId="66892" Comment="added 292 characters in body" --> Word Count (116)  
 UserId="66759" --> Word Count (115)  
 UserId="66907" --> Word Count (82)  
 UserId="66907" --> Word Count (11)  
 UserId="66907" --> Word Count (1)  
 UserId="66759" --> Word Count (81)  
 UserId="18501" --> Word Count (78)  
 UserId="18501" --> Word Count (6)  
 UserId="18501" --> Word Count (1)  
 UserId="23305" Comment="deleted 1 character in body" --> Word Count (82)  
 UserId="66909" --> Word Count (53)  
 UserId="65616" --> Word Count (86)  
 UserId="66911" --> Word Count (170)  
 UserId="66911" --> Word Count (9)  
 UserId="66911" --> Word Count (1)  
 UserId="34153" --> Word Count (36)  
 UserId="66853" --> Word Count (85)  
 UserId="66853" --> Word Count (15)  
 UserId="66853" --> Word Count (1)  
 UserId="66108" --> Word Count (123)  
 UserId="66914" --> Word Count (73)  
 UserId="66914" --> Word Count (13)  
 UserId="66914" --> Word Count (1)  
 UserId="22074" --> Word Count (247)  
 UserId="22074" --> Word Count (8)  
 UserId="22074" --> Word Count (1)  
 UserId="66917" Text="Lots of keyword extraction techniques are there depends on factors like:&#xD;&#xA;&#xD;&#xA;Grammatical quality of text.&#xD;&#xA;Length of text&#xD;&#xA;Are you looking for a single keyword or phrasal keyword etc.&#xD;&#xA;But in general If you have long text and you want to extract keywords automatically from that, I would recommend you to go through follow articles:&#xD;&#xA;&#xD;&#xA;i ) --> Word Count (30)  
 UserId="66804" Comment="no improvements " --> Word Count (1165)  
 UserId="47022" --> Word Count (169)  
 UserId="61661" --> Word Count (148)  
 UserId="61661" --> Word Count (7)  
 UserId="61661" --> Word Count (1)  
 UserId="924" --> Word Count (23)  
 UserId="66921" --> Word Count (225)  
 UserId="66921" --> Word Count (11)  
 UserId="66921" --> Word Count (1)  
 UserId="66926" --> Word Count (97)  
 UserId="66926" --> Word Count (14)  
 UserId="66926" --> Word Count (1)

UserId="65225" --> Word Count (146)  
UserId="65225" --> Word Count (11)  
UserId="65225" --> Word Count (1)  
UserId="50833" --> Word Count (41)  
UserId="66927" --> Word Count (178)  
UserId="66927" --> Word Count (13)  
UserId="66927" --> Word Count (1)  
UserId="66927" Comment="deleted 149 characters in body" --> Word Count (155)  
UserId="65090" --> Word Count (68)  
UserId="65090" --> Word Count (9)  
UserId="65090" --> Word Count (1)  
UserId="66927" Comment="added 158 characters in body" --> Word Count (169)  
UserId="66931" --> Word Count (104)  
UserId="66931" --> Word Count (10)  
UserId="66931" --> Word Count (1)  
UserId="66933" --> Word Count (53)  
UserId="66933" --> Word Count (7)  
UserId="66933" --> Word Count (1)  
UserId="66765" --> Word Count (101)  
UserId="66765" --> Word Count (8)  
UserId="66765" --> Word Count (1)  
UserId="66880" Comment="added 335 characters in body" --> Word Count (253)  
UserId="66880" Comment="added 335 characters in body" --> Word Count (272)  
UserId="59904" --> Word Count (353)  
UserId="59904" --> Word Count (6)  
UserId="59904" --> Word Count (1)  
UserId="66938" --> Word Count (19)  
UserId="66938" --> Word Count (21)  
UserId="66938" --> Word Count (1)  
UserId="46265" --> Word Count (69)  
UserId="46265" --> Word Count (5)  
UserId="46265" --> Word Count (1)  
UserId="75" Comment="corrected spellings" --> Word Count (87)  
UserId="66864" --> Word Count (332)  
UserId="66864" --> Word Count (9)  
UserId="66864" --> Word Count (1)  
UserId="53357" --> Word Count (48)  
UserId="59904" Comment="added 14 characters in body" --> Word Count (353)  
UserId="59904" Comment="added 14 characters in body" --> Word Count (1)  
UserId="29587" --> Word Count (278)  
UserId="40137" --> Word Count (77)  
UserId="53357" --> Word Count (113)  
UserId="66946" --> Word Count (106)  
UserId="66946" --> Word Count (15)  
UserId="66946" --> Word Count (1)  
UserId="31035" --> Word Count (298)  
UserId="31035" --> Word Count (11)  
UserId="31035" --> Word Count (1)

UserId="50534" --> Word Count (162)  
UserId="47883" --> Word Count (46)  
UserId="47883" --> Word Count (63)  
UserId="66933" Comment="added code" --> Word Count (566)  
UserId="57434" --> Word Count (262)  
UserId="57434" --> Word Count (15)  
UserId="57434" --> Word Count (1)  
UserId="57434" Comment="edited title" --> Word Count (15)  
UserId="57434" Comment="added 6 characters in body" --> Word Count (263)  
UserId="40194" --> Word Count (54)  
UserId="40194" --> Word Count (3)  
UserId="40194" --> Word Count (1)  
UserId="66308" --> Word Count (234)  
UserId="66308" --> Word Count (8)  
UserId="66308" --> Word Count (1)  
UserId="49067" Comment="added 266 characters in body" --> Word Count (136)  
UserId="58155" --> Word Count (126)  
UserId="58155" --> Word Count (6)  
UserId="58155" --> Word Count (1)  
UserId="32192" --> Word Count (68)  
UserId="32192" --> Word Count (6)  
UserId="32192" --> Word Count (1)  
UserId="66864" Comment="added 727 characters in body" --> Word Count (467)  
UserId="66864" Comment="added 1 character in body" --> Word Count (467)  
UserId="52618" --> Word Count (48)  
UserId="52618" --> Word Count (7)  
UserId="52618" --> Word Count (1)  
UserId="66967" --> Word Count (317)  
UserId="66967" --> Word Count (9)  
UserId="66967" --> Word Count (1)  
UserId="65902" --> Word Count (103)  
UserId="65902" --> Word Count (11)  
UserId="65902" --> Word Count (1)  
UserId="65902" Comment="edited body" --> Word Count (103)  
UserId="53357" --> Word Count (74)  
UserId="66969" --> Word Count (76)  
UserId="66969" --> Word Count (5)  
UserId="66969" --> Word Count (1)  
UserId="64973" --> Word Count (222)  
UserId="66969" Comment="added 105 characters in body" --> Word Count (82)  
UserId="53357" --> Word Count (56)  
UserId="64973" Comment="added 337 characters in body" --> Word Count (281)  
UserId="66969" Comment="added 102 characters in body; edited tags" --> Word Count (88)  
UserId="66969" Comment="added 102 characters in body; edited tags" --> Word Count (1)  
UserId="50514" --> Word Count (394)  
UserId="50514" --> Word Count (10)

UserId="50514" --> Word Count (1)  
 UserId="50514" Comment="added 70 characters in body" --> Word Count (401)  
 UserId="46997" --> Word Count (78)  
 UserId="37736" Comment="added 4 characters in body" --> Word Count (153)  
 UserId="66974" --> Word Count (110)  
 UserId="66974" --> Word Count (10)  
 UserId="66974" --> Word Count (1)  
 UserId="46265" Comment="added 1342 characters in body" --> Word Count (401)  
 UserId="46265" Comment="deleted 756 characters in body" --> Word Count (191)  
 UserId="38892" Comment="code environment. also make error message visible." -->  
 Word Count (310)  
 UserId="51638" --> Word Count (242)  
 UserId="51638" --> Word Count (9)  
 UserId="51638" --> Word Count (1)  
 UserId="46265" Comment="added 4671 characters in body" --> Word Count (1247)  
 UserId="46265" Comment="added 62 characters in body" --> Word Count (1253)  
 UserId="21" Comment="102" --> Word Count (2)  
 UserId="21" Comment="103" --> Word Count (2)  
 UserId="21" Comment="104" --> Word Count (2)  
 UserId="21" Comment="104" --> Word Count (4)  
 UserId="21" Comment="104" --> Word Count (4)  
 UserId="21" Comment="103" --> Word Count (2)  
 UserId="21" Comment="104" --> Word Count (2)  
 UserId="47883" --> Word Count (93)  
 UserId="66759" Comment="deleted 1 character in body" --> Word Count (87)  
 UserId="66759" --> Word Count (33)  
 UserId="66984" --> Word Count (32)  
 UserId="66984" --> Word Count (10)  
 UserId="66984" --> Word Count (1)  
 UserId="66985" --> Word Count (116)  
 UserId="66985" --> Word Count (10)  
 UserId="66985" --> Word Count (1)  
 UserId="27665" --> Word Count (77)  
 UserId="27665" Comment="added 169 characters in body" --> Word Count (114)  
 UserId="52971" --> Word Count (140)  
 UserId="66989" --> Word Count (107)  
 UserId="66989" --> Word Count (5)  
 UserId="66989" --> Word Count (1)  
 UserId="66991" --> Word Count (23)  
 UserId="66991" --> Word Count (10)  
 UserId="66991" --> Word Count (1)  
 UserId="924" --> Word Count (50)  
 UserId="66995" --> Word Count (62)  
 UserId="66995" --> Word Count (16)  
 UserId="66995" --> Word Count (1)  
 UserId="63652" --> Word Count (63)  
 UserId="63652" --> Word Count (5)  
 UserId="63652" --> Word Count (1)

UserId="63652" Comment="added 369 characters in body" --> Word Count (115)  
 UserId="31035" Comment="removed distinct questions to one so as to make it simpler." --> Word Count (264)  
 UserId="53357" --> Word Count (88)  
 UserId="43592" --> Word Count (278)  
 UserId="43592" --> Word Count (6)  
 UserId="43592" --> Word Count (1)  
 UserId="1330" --> Word Count (40)  
 UserId="33279" --> Word Count (241)  
 UserId="33279" --> Word Count (11)  
 UserId="33279" --> Word Count (1)  
 UserId="33279" Comment="added 10 characters in body" --> Word Count (243)  
 UserId="67002" --> Word Count (51)  
 UserId="67002" --> Word Count (6)  
 UserId="67002" --> Word Count (1)  
 UserId="66974" --> Word Count (94)  
 UserId="66974" --> Word Count (15)  
 UserId="66974" --> Word Count (1)  
 UserId="52879" Comment="update content" --> Word Count (504)  
 UserId="33279" --> Word Count (88)  
 UserId="67007" --> Word Count (37)  
 UserId="67007" --> Word Count (6)  
 UserId="67007" --> Word Count (1)  
 UserId="1330" --> Word Count (72)  
 UserId="63969" --> Word Count (131)  
 UserId="63969" --> Word Count (9)  
 UserId="63969" --> Word Count (1)  
 UserId="1330" --> Word Count (54)  
 UserId="67008" --> Word Count (250)  
 UserId="67008" --> Word Count (11)  
 UserId="67008" --> Word Count (1)  
 UserId="60742" Comment="Added further thoughts" --> Word Count (282)  
 UserId="58155" --> Word Count (25)  
 UserId="55122" --> Word Count (43)  
 UserId="67011" --> Word Count (118)  
 UserId="67011" --> Word Count (8)  
 UserId="67011" --> Word Count (1)  
 UserId="67012" --> Word Count (1532)  
 UserId="67012" --> Word Count (8)  
 UserId="67012" --> Word Count (1)  
 UserId="55130" --> Word Count (77)  
 UserId="55130" --> Word Count (11)  
 UserId="55130" --> Word Count (1)  
 UserId="51670" --> Word Count (73)  
 UserId="51670" --> Word Count (10)  
 UserId="51670" --> Word Count (1)  
 UserId="67017" --> Word Count (137)  
 UserId="67017" --> Word Count (5)

UserId="67017" --> Word Count (1)  
 UserId="52816" --> Word Count (72)  
 UserId="52816" --> Word Count (10)  
 UserId="52816" --> Word Count (1)  
 UserId="66974" Comment="via Vote" --> Word Count (2)  
 UserId="66974" --> Word Count (2)  
 UserId="66974" Comment="via Vote" --> Word Count (2)  
 UserId="66898" Comment="via Vote" --> Word Count (1)  
 UserId="66898" --> Word Count (1)  
 UserId="66974" --> Word Count (2)  
 UserId="64588" Comment="Added some extra information" --> Word Count (257)  
 UserId="66974" --> Word Count (141)  
 UserId="52816" Comment="added 6 characters in body" --> Word Count (76)  
 UserId="45166" --> Word Count (207)  
 UserId="9461" --> Word Count (455)  
 UserId="9461" --> Word Count (5)  
 UserId="9461" --> Word Count (1)  
 UserId="67025" --> Word Count (146)  
 UserId="67025" --> Word Count (17)  
 UserId="67025" --> Word Count (1)  
 UserId="43472" --> Word Count (143)  
 UserId="43472" --> Word Count (19)  
 UserId="43472" --> Word Count (1)  
 UserId="65698" Comment="Added documentation for analyzing bias vs variance" -->  
 Word Count (164)  
 UserId="53352" --> Word Count (93)  
 UserId="53352" --> Word Count (12)  
 UserId="53352" --> Word Count (1)  
 UserId="46527" Comment="corrected method call" --> Word Count (52)  
 UserId="66759" --> Word Count (35)  
 UserId="66252" --> Word Count (107)  
 UserId="66252" --> Word Count (7)  
 UserId="66252" --> Word Count (1)  
 UserId="66252" Comment="added 81 characters in body" --> Word Count (107)  
 UserId="67033" --> Word Count (79)  
 UserId="67033" --> Word Count (10)  
 UserId="67033" --> Word Count (1)  
 UserId="60629" --> Word Count (174)  
 UserId="60629" --> Word Count (13)  
 UserId="60629" --> Word Count (1)  
 UserId="10814" Comment="improved example the question" --> Word Count (885)  
 UserId="43472" --> Word Count (240)  
 UserId="10814" Comment="added 1 character in body" --> Word Count (885)  
 UserId="67012" Comment="added 5 characters in body" --> Word Count (1532)  
 UserId="66736" --> Word Count (227)  
 UserId="66736" --> Word Count (14)  
 UserId="66736" --> Word Count (1)  
 UserId="66736" --> Word Count (187)



UserId="67046" --> Word Count (90)  
 UserId="67046" --> Word Count (14)  
 UserId="67046" --> Word Count (1)  
 UserId="10814" Comment="added 1 character in body" --> Word Count (885)  
 UserId="1330" --> Word Count (18)  
 UserId="67049" --> Word Count (42)  
 UserId="67049" --> Word Count (9)  
 UserId="67049" --> Word Count (1)  
 UserId="65252" --> Word Count (199)  
 UserId="65252" --> Word Count (8)  
 UserId="65252" --> Word Count (1)  
 UserId="61418" --> Word Count (83)  
 UserId="40077" --> Word Count (233)  
 UserId="40077" --> Word Count (8)  
 UserId="40077" --> Word Count (1)  
 UserId="61418" --> Word Count (165)  
 UserId="66104" Comment="deleted 117 characters in body" --> Word Count (383)  
 UserId="40515" Comment="corrected typo" --> Word Count (69)  
 UserId="37736" Comment="clarification" --> Word Count (162)  
 UserId="66663" Comment="added 354 characters in body" --> Word Count (663)  
 UserId="53357" --> Word Count (349)  
 UserId="47359" --> Word Count (417)  
 UserId="47359" --> Word Count (9)  
 UserId="47359" --> Word Count (1)  
 UserId="67055" --> Word Count (91)  
 UserId="67055" --> Word Count (8)  
 UserId="67055" --> Word Count (1)  
 UserId="67055" Comment="added 27 characters in body" --> Word Count (95)  
 UserId="65698" --> Word Count (121)  
 UserId="66861" --> Word Count (139)  
 UserId="66861" --> Word Count (16)  
 UserId="66861" --> Word Count (1)  
 UserId="47359" Comment="deleted 1 character in body" --> Word Count (417)  
 UserId="23305" --> Word Count (89)  
 UserId="66861" --> Word Count (127)  
 UserId="67062" --> Word Count (85)  
 UserId="67062" --> Word Count (16)  
 UserId="67062" --> Word Count (1)  
 UserId="26562" --> Word Count (282)  
 UserId="67062" Comment="added 89 characters in body" --> Word Count (91)  
 UserId="67062" --> Word Count (38)  
 UserId="67001" Comment="The formula is wrong, you add one after you divide by the stride. Otherwise, the equation doesn't yield sensible results on any examples." --> Word Count (87)  
 UserId="43472" Comment="Added tags that are appropriate in my opinion." --> Word Count (1)  
 UserId="67064" --> Word Count (54)  
 UserId="67064" --> Word Count (8)

UserId="67064" --> Word Count (1)  
 UserId="67008" --> Word Count (22)  
 UserId="64035" --> Word Count (38)  
 UserId="64035" --> Word Count (12)  
 UserId="64035" --> Word Count (1)  
 UserId="61406" --> Word Count (57)  
 UserId="35404" --> Word Count (88)  
 UserId="43077" Comment="deleted 166 characters in body" --> Word Count (762)  
 UserId="67069" --> Word Count (312)  
 UserId="67069" --> Word Count (10)  
 UserId="67069" --> Word Count (1)  
 UserId="67070" --> Word Count (178)  
 UserId="67070" --> Word Count (15)  
 UserId="67070" --> Word Count (1)  
 UserId="38892" Comment="added 221 characters in body" --> Word Count (106)  
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 UserId="66759" Comment="added 48 characters in body; edited tags" --> Word Count (510)  
 UserId="66759" Comment="added 48 characters in body; edited tags" --> Word Count (1)  
 UserId="67089" --> Word Count (95)  
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 UserId="67089" Comment="added 31 characters in body" --> Word Count (99)

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 UserId="201" --> Word Count (193)  
 UserId="201" --> Word Count (163)  
 UserId="53357" Comment="Correcte Latex equation." --> Word Count (76)  
 UserId="67089" Comment="Correcte Latex equation." --> Word Count (78)  
 UserId="60818" --> Word Count (159)  
 UserId="60818" --> Word Count (7)  
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 UserId="53357" Comment="added 5 characters in body" --> Word Count (174)  
 UserId="41771" --> Word Count (47)  
 UserId="53357" Comment="added 5 characters in body" --> Word Count (224)  
 UserId="41771" --> Word Count (30)  
 UserId="53357" --> Word Count (33)  
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 UserId="66031" Comment="added 117 characters in body; edited title" Text="Think insurance/medical forms that come from different companies. There is no standard on formatting. I am trying to extract the text based on each section of a given form. A form might have a section of text divided by whitespace, border, lines etc. I need to keep the text in context of that section." --> Word Count (18)  
 UserId="66031" Comment="added 117 characters in body; edited title" --> Word Count (25)  
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 UserId="66759" Comment="deleted 1 character in body" --> Word Count (510)  
 UserId="67100" --> Word Count (174)  
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 UserId="66171" --> Word Count (134)  
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 UserId="66759" --> Word Count (6)  
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 UserId="8189" --> Word Count (316)  
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 UserId="67135" --> Word Count (859)  
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 UserId="67135" --> Word Count (1)  
 UserId="67135" Comment="edited out bug" --> Word Count (835)  
 UserId="67137" --> Word Count (52)  
 UserId="67137" --> Word Count (5)  
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 UserId="-1" Comment="102" --> Word Count (3)  
 UserId="67137" Comment="added 14 characters in body; edited tags" --> Word Count (55)  
 UserId="67137" Comment="added 14 characters in body; edited tags" --> Word Count (1)  
 UserId="26074" --> Word Count (205)  
 UserId="26074" --> Word Count (14)  
 UserId="26074" --> Word Count (1)  
 UserId="38339" --> Word Count (91)  
 UserId="67131" --> Word Count (313)  
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UserId="20618" --> Word Count (41)  
UserId="20618" --> Word Count (10)  
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UserId="63871" --> Word Count (97)  
UserId="53357" --> Word Count (69)  
UserId="41771" Comment="added 213 characters in body" --> Word Count (78)  
UserId="63871" Comment="deleted 1 character in body" --> Word Count (97)  
UserId="41771" --> Word Count (42)  
UserId="63871" Comment="added 236 characters in body; added 2 characters in body; added 7 characters in body" --> Word Count (123)  
UserId="57237" --> Word Count (54)  
UserId="57237" --> Word Count (10)  
UserId="57237" --> Word Count (1)  
UserId="63871" Comment="added 195 characters in body; deleted 22 characters in body" --> Word Count (151)  
UserId="57237" --> Word Count (67)  
UserId="57237" --> Word Count (14)  
UserId="57237" --> Word Count (1)  
UserId="67154" --> Word Count (56)  
UserId="67154" --> Word Count (9)  
UserId="67154" --> Word Count (1)  
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UserId="67157" --> Word Count (90)  
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UserId="67157" --> Word Count (1)  
UserId="53357" Comment="added 652 characters in body" --> Word Count (105)  
UserId="66759" --> Word Count (43)  
UserId="67097" --> Word Count (49)  
UserId="37088" --> Word Count (77)  
UserId="37088" --> Word Count (8)  
UserId="37088" --> Word Count (1)  
UserId="54292" --> Word Count (92)  
UserId="54292" --> Word Count (6)  
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UserId="63582" --> Word Count (40)  
UserId="67097" --> Word Count (77)  
UserId="67097" Comment="added 364 characters in body" --> Word Count (136)  
UserId="63871" --> Word Count (94)  
UserId="66759" --> Word Count (136)

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 UserId="57237" --> Word Count (1)  
 UserId="49590" --> Word Count (43)  
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 UserId="67169" --> Word Count (1)  
 UserId="67172" Text="I have downloaded version 3.18 but there are Data options for" --> Word Count (38)  
 UserId="67172" Text="How do I get" --> Word Count (6)  
 UserId="67172" --> Word Count (1)  
 UserId="201" --> Word Count (368)  
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 UserId="67172" Comment="added 36 characters in body" Text="I have downloaded version 3.18 but there are no Data options for" --> Word Count (43)  
 UserId="63871" Comment="deleted 1 character in body" --> Word Count (121)  
 UserId="38892" Comment="added 18 characters in body" --> Word Count (96)  
 UserId="41771" Comment="typo" --> Word Count (30)  
 UserId="50861" --> Word Count (122)  
 UserId="66759" --> Word Count (61)  
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 UserId="59425" Comment="added 286 characters in body" --> Word Count (353)  
 UserId="67106" --> Word Count (191)  
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 UserId="66707" --> Word Count (11)  
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 UserId="67137" --> Word Count (233)  
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 UserId="67195" --> Word Count (1)  
 UserId="66707" Comment="edited title" --> Word Count (11)  
 UserId="66707" Comment="edited title" --> Word Count (371)  
 UserId="66707" Comment="added 101 characters in body" --> Word Count (382)  
 UserId="67199" --> Word Count (73)  
 UserId="67199" --> Word Count (2)  
 UserId="67199" --> Word Count (1)  
 UserId="67200" --> Word Count (53)  
 UserId="67200" --> Word Count (10)  
 UserId="67200" --> Word Count (1)  
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 UserId="66707" Comment="added 101 characters in body" --> Word Count (382)  
 UserId="43983" --> Word Count (54)  
 UserId="43983" --> Word Count (8)  
 UserId="43983" --> Word Count (1)  
 UserId="53357" --> Word Count (98)  
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 UserId="201" --> Word Count (445)  
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UserId="66931" Comment="edited title" --> Word Count (12)  
UserId="8878" --> Word Count (139)  
UserId="67064" Comment="added 399 characters in body" --> Word Count (93)  
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UserId="67183" --> Word Count (200)  
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UserId="67223" --> Word Count (90)  
UserId="67223" --> Word Count (10)  
UserId="67223" --> Word Count (1)  
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UserId="41771" --> Word Count (50)  
UserId="64506" --> Word Count (26)  
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UserId="56524" Comment="added 70 characters in body" --> Word Count (61)  
UserId="201" --> Word Count (222)  
UserId="924" Comment="no clustering here" --> Word Count (1)  
UserId="924" --> Word Count (41)  
UserId="65140" Comment="added 4 characters in body" --> Word Count (75)  
UserId="67229" --> Word Count (135)  
UserId="67229" --> Word Count (3)  
UserId="67229" --> Word Count (1)  
UserId="56354" Comment="fixed grammar" --> Word Count (28)  
UserId="66759" Comment="fixed grammar" --> Word Count (28)  
UserId="66759" Comment="added 47 characters in body" --> Word Count (53)  
UserId="66759" --> Word Count (162)  
UserId="67233" --> Word Count (116)  
UserId="67233" --> Word Count (4)  
UserId="67233" --> Word Count (1)  
UserId="45548" --> Word Count (75)  
UserId="38892" Comment="deleted 71 characters in body" --> Word Count (137)  
UserId="65019" --> Word Count (126)  
UserId="65019" --> Word Count (10)  
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UserId="54188" --> Word Count (1)



UserId="66777" --> Word Count (88)  
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 --> Word Count (97)  
 UserId="62616" Comment="added 1445 characters in body" --> Word Count (275)  
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 UserId="57237" --> Word Count (13)  
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 UserId="57237" Comment="added 176 characters in body" --> Word Count (172)  
 UserId="67245" --> Word Count (104)  
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 UserId="67246" --> Word Count (387)  
 UserId="67246" --> Word Count (12)  
 UserId="67246" --> Word Count (1)  
 UserId="53357" --> Word Count (71)  
 UserId="57434" --> Word Count (80)  
 UserId="57434" --> Word Count (9)  
 UserId="57434" --> Word Count (1)  
 UserId="67249" --> Word Count (24)  
 UserId="53357" Comment="edited body" --> Word Count (71)  
 UserId="8878" Comment="Updating answer for updated question" Text="Thank you for  
 your message Ahmed. There are things to point out:&#xD;&#xA;&#xD;&#xA; 1. \*Is  
 this an imbalanced problem?\* Which problem? \*\*THIS\*\* is not a problem. This is  
 data.&#xD;&#xA; 2. What analysis is going to be done? In some cases you need  
 posts and in some you need these keywords. &#xD;&#xA; 3. What method is going to  
 be done for that analysis? Some methods get keywords as input and some get  
 posts.&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;But about the numbers themselves; Not  
 necessarily. The smallest class has 20% of the largest population and moreover,  
 the scale is pretty high (20000 samples). So it is not necessarily an imbalanced  
 class distribution. Again, see what you want to do with this data. That  
 determines the answer much more accurate.&#xD;&#xA;&#xD;&#xA;Hope it helped. If  
 you write about the task you want to do I can post the solution  
 here.&#xD;&#xA;&#xD;&#xA;Cheers,&#xD;&#xA;&#xD;&#xA;## UPDATE  
 ##&#xD;&#xA;&#xD;&#xA;Well, then the problem is pretty straight-forward. These  
 unique words are probably not much meaningful here. I certainly recommend that  
 you try BoW models first ([TF-IDF][1] and [classic BoW][2]) for modeling your  
 corpus. Then tune the hyperparameters of models and using a simple Multinomial  
 Naive Bayes you will get an acceptable result. &#xD;&#xA;&#xD;&#xA;Data is not

counted that imbalanced. I had a problem in which some classes had 3000-4000 samples and some only 20! That is certainly called imbalanced but here you still have enough data to represent your minority class and also you will use Precision-Recall for evaluation instead of Accuracy so you will be fine. I strongly recommend you to have a look at [this][3] for Python implementation and also seeing some imbalanced data in practice. The DL thing is answered in the comment. [1]: [https://scikit-learn.org/stable/modules/generated/sklearn.feature\\_extraction.text.TfidfVectorizer.html](https://scikit-learn.org/stable/modules/generated/sklearn.feature_extraction.text.TfidfVectorizer.html) [2]: [https://scikit-learn.org/stable/modules/generated/sklearn.feature\\_extraction.text.CountVectorizer.html](https://scikit-learn.org/stable/modules/generated/sklearn.feature_extraction.text.CountVectorizer.html) [3]: <https://github.com/kasramsh/Feature-Engineering/blob/master/> --> Word Count (1)

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 UserId="30613" --> Word Count (209)  
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 UserId="21" Comment="102" --> Word Count (4)  
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 UserId="23305" Comment="edited title" --> Word Count (6)  
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UserId="21257" Comment="added 382 characters in body; edited title" --> Word Count (9)  
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 UserId="53357" --> Word Count (100)  
 UserId="53357" Comment="corrected code." --> Word Count (243)  
 UserId="53357" --> Word Count (166)  
 UserId="54292" Comment="added 774 characters in body" --> Word Count (687)  
 UserId="67292" --> Word Count (69)  
 UserId="67292" --> Word Count (14)  
 UserId="67292" --> Word Count (1)  
 UserId="14360" Comment="added 126 characters in body" --> Word Count (188)  
 UserId="57731" --> Word Count (41)  
 UserId="57731" --> Word Count (13)  
 UserId="57731" --> Word Count (1)  
 UserId="63582" --> Word Count (22)  
 UserId="67301" --> Word Count (62)  
 UserId="50795" Comment="deleted 2 characters in body" --> Word Count (259)  
 UserId="67226" --> Word Count (29)  
 UserId="67226" --> Word Count (12)  
 UserId="67226" --> Word Count (1)  
 UserId="67307" Text="I'm doing text classification with a bit more than 100 classes. First, I would like to do feature selection by using a filter approach (mutual information or chi2). &#xD;&#xA;&#xD;&#xA;I planned on using `sklearn.feature\_selection.SelectPercentile`, but now I'm wondering: according to the article [A Pitfall and Solution in Multi-Class Feature Selection for --> Word Count (57)  
 UserId="67307" --> Word Count (18)  
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 UserId="66777" Comment="just typos" --> Word Count (88)  
 UserId="67325" --> Word Count (181)  
 UserId="23240" --> Word Count (101)  
 UserId="67325" --> Word Count (168)  
 UserId="65710" Comment="Accidentally using &quot;predict&quot; instead of  
 &quot;prefer&quot;" --> Word Count (507)  
 UserId="23305" --> Word Count (127)  
 UserId="65985" --> Word Count (1888)  
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 UserId="41525" Comment="Expand on the drawback of the proposed method" --> Word Count (190)  
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 UserId="67379" --> Word Count (211)  
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 UserId="67055" --> Word Count (1)  
 UserId="67386" --> Word Count (187)  
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 UserId="67386" --> Word Count (1)  
 UserId="66759" --> Word Count (33)  
 UserId="66759" --> Word Count (5)  
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 UserId="67383" --> Word Count (302)  
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 UserId="67383" --> Word Count (1)

UserId="924" Comment="deleted 4 characters in body" --> Word Count (37)  
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 UserId="41525" Comment="expand on why multicollinearity is a problem" --> Word Count (247)  
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 UserId="67396" --> Word Count (4)  
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 UserId="63906" --> Word Count (176)  
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 UserId="41525" --> Word Count (43)  
 UserId="52971" Comment="added 178 characters in body" --> Word Count (78)  
 UserId="41525" --> Word Count (71)  
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edited tags" --> Word Count (69)  
UserId="924" Comment="no clustering here. a simple value mapping function.;  
edited tags" --> Word Count (5)  
UserId="924" Comment="no clustering here. a simple value mapping function.;  
edited tags" --> Word Count (1)  
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UserId="67423" Comment="edited title" --> Word Count (7)  
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UserId="67396" --> Word Count (6)  
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UserId="67388" --> Word Count (149)  
UserId="67388" --> Word Count (10)  
UserId="67388" --> Word Count (1)  
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and neural networks" --> Word Count (149)  
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and neural networks" --> Word Count (1)  
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UserId="57214" --> Word Count (9)  
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UserId="35679" --> Word Count (106)  
UserId="67302" Comment="added 85 characters in body" --> Word Count (102)  
UserId="58310" Comment="added 5 characters in body" --> Word Count (15)  
UserId="67388" --> Word Count (20)



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 UserId="67437" --> Word Count (1)  
 UserId="41000" --> Word Count (180)  
 UserId="26562" Comment="formatting, spelling, grammar" --> Word Count (374)  
 UserId="67440" --> Word Count (252)  
 UserId="29587" --> Word Count (1589)  
 UserId="67444" --> Word Count (373)  
 UserId="67444" --> Word Count (10)  
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 UserId="55122" --> Word Count (55)  
 UserId="23144" --> Word Count (134)  
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 UserId="67444" Comment="Added some new info after additional debugging" -->  
 Word Count (446)  
 UserId="67444" Comment="Added more detail" --> Word Count (493)  
 UserId="50519" Comment="Typo fix, on methods names" --> Word Count (71)  
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 UserId="40928" Comment="orthography, grammar and formatting" --> Word Count  
 (54)  
 UserId="40928" Comment="orthography, grammar and formatting" --> Word Count  
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 UserId="52971" Comment="Added MathJax for readability" --> Word Count (132)  
 UserId="201" Comment="Fix code syntax and markdown. Also edit the title to make  
 it more clear" --> Word Count (158)  
 UserId="201" Comment="Fix code syntax and markdown. Also edit the title to make  
 it more clear" --> Word Count (10)  
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 it more clear" --> Word Count (1)  
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UserId="67472" --> Word Count (253)  
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UserId="66759" --> Word Count (127)  
UserId="67471" Comment="added 26 characters in body" --> Word Count (88)  
UserId="14070" --> Word Count (209)  
UserId="14070" --> Word Count (5)  
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UserId="67478" --> Word Count (119)  
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UserId="67478" --> Word Count (1)  
UserId="67478" Comment="edited tags" --> Word Count (1)  
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 UserId="67537" --> Word Count (93)  
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 UserId="62528" Comment="added 14 characters in body" --> Word Count (80)  
 UserId="62114" --> Word Count (93)  
 UserId="62114" --> Word Count (112)  
 UserId="67483" --> Word Count (111)  
 UserId="67483" Comment="Expand some" --> Word Count (62)  
 UserId="66539" --> Word Count (186)  
 UserId="66539" --> Word Count (7)  
 UserId="66539" --> Word Count (1)  
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 UserId="201" Comment="fix the code format, capitalise title, remove greetings, add python tag" --> Word Count (7)  
 UserId="201" Comment="fix the code format, capitalise title, remove greetings, add python tag" --> Word Count (1)  
 UserId="66539" Comment="deleted 180 characters in body" --> Word Count (172)  
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 UserId="45166" --> Word Count (96)  
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 UserId="67483" Comment="clarify feature vector" --> Word Count (112)  
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 UserId="67483" Comment="grammar, clarify title" --> Word Count (44)  
 UserId="67483" Comment="grammar, clarify title" --> Word Count (15)  
 UserId="10640" Comment="A few improvements" --> Word Count (16)  
 UserId="10640" Comment="A few improvements" --> Word Count (9)  
 UserId="10640" Comment="A few improvements" --> Word Count (1)  
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 UserId="67546" Comment="Fix formula and some small typos." --> Word Count (1)  
 UserId="67546" Comment="fix typos in uint8, change 8bit in 8-bit, fix grammar and style" --> Word Count (286)  
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 UserId="67219" --> Word Count (1)  
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 UserId="67590" --> Word Count (1)  
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 <DELETE> --> Word Count (368)  
 <DELETE> --> Word Count (19)  
 <DELETE> --> Word Count (1)  
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 UserId="67598" --> Word Count (123)  
 UserId="67598" --> Word Count (4)  
 UserId="67598" --> Word Count (1)  
 UserId="18401" Comment="added 3 characters in body" --> Word Count (381)  
 UserId="66759" --> Word Count (91)  
 UserId="8820" --> Word Count (58)  
 UserId="8820" Comment="edited tags" --> Word Count (1)  
 UserId="67602" --> Word Count (225)  
 UserId="67602" --> Word Count (19)

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 UserId="67629" --> Word Count (299)  
 UserId="67629" --> Word Count (13)  
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 UserId="67631" --> Word Count (64)  
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 <DELETE> --> Word Count (739)  
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 available for fasttext implementation in gensim  
 [fasttext.py][1]&#xD;&#xA;&#xD;&#xA;``python&#xD;&#xA;from  
 gensim.models.wrappers import FastText&#xD;&#xA;&#xD;&#xA;model = Fast --> Word  
 Count (31)  
 UserId="65559" --> Word Count (233)  
 UserId="65559" --> Word Count (18)  
 UserId="65559" --> Word Count (1)  
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UserId="23240" --> Word Count (43)  
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UserId="18401" Comment="edited title" --> Word Count (17)  
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UserId="23240" --> Word Count (98)  
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UserId="66171" Comment="via Vote" --> Word Count (2)  
UserId="33279" --> Word Count (122)  
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UserId="66386" --> Word Count (1)  
UserId="67651" --> Word Count (93)  
UserId="67055" --> Word Count (101)  
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UserId="67055" --> Word Count (1)  
UserId="67642" --> Word Count (49)  
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 UserId="67658" --> Word Count (178)  
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 UserId="67437" --> Word Count (6)  
 UserId="67437" --> Word Count (1)  
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 UserId="67660" --> Word Count (13)  
 UserId="67660" --> Word Count (1)  
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 UserId="42060" --> Word Count (9)  
 UserId="42060" --> Word Count (1)  
 UserId="45821" --> Word Count (171)  
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 UserId="66386" Comment="more data" --> Word Count (469)  
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 UserId="66763" Comment="added 149 characters in body" --> Word Count (44)  
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 UserId="55122" Comment="added 105 characters in body" --> Word Count (156)  
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 UserId="12757" --> Word Count (57)  
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 UserId="52291" --> Word Count (48)  
 UserId="53812" --> Word Count (45)  
 UserId="64302" --> Word Count (65)  
 UserId="64302" --> Word Count (14)  
 UserId="64302" --> Word Count (1)  
 UserId="67742" --> Word Count (118)  
 UserId="67742" --> Word Count (10)  
 UserId="67742" --> Word Count (1)  
 UserId="65409" --> Word Count (131)  
 UserId="201" --> Word Count (128)  
 UserId="65409" --> Word Count (161)  
 UserId="201" --> Word Count (140)  
 UserId="67743" --> Word Count (110)  
 UserId="67743" --> Word Count (12)  
 UserId="67743" --> Word Count (1)  
 UserId="43983" --> Word Count (60)  
 UserId="43983" --> Word Count (7)  
 UserId="43983" --> Word Count (1)  
 UserId="41771" Text="RNN (and LSTM / GRU)can generate variable length output.  
 For example, generation of text. &#xD;&#xA;&#xD;&#xA;In such problems, RNN is  
 designed to generate next character (It keeps track of what characters have  
 generated in past). RNN should generate "End Of Output" character to  
 indicate end of sequence. &#xD;&#xA;&#xD;&#xA;For example :  
<https://chunml.github.io/ChunML.github.io/project/Creating-> --> Word Count (202)  
 UserId="67751" --> Word Count (36)  
 UserId="67751" --> Word Count (4)  
 UserId="67751" --> Word Count (1)  
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 UserId="67753" --> Word Count (1)  
 UserId="67712" --> Word Count (135)  
 UserId="67712" --> Word Count (6)  
 UserId="67712" --> Word Count (1)  
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 Count (114)  
 UserId="67712" Comment="deleted 128 characters in body; edited tags" --> Word  
 Count (1)  
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UserId="201" --> Word Count (221)  
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UserId="52291" Comment="Added an example" --> Word Count (110)  
UserId="66763" Comment="added 447 characters in body" --> Word Count (119)  
UserId="66763" Comment="added 447 characters in body" --> Word Count (268)  
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UserId="57834" Comment="Added some information about my end goal, or how I want to sort the vectors/points. " --> Word Count (368)  
UserId="67765" --> Word Count (130)  
UserId="67765" --> Word Count (7)  
UserId="67765" --> Word Count (1)  
UserId="66759" --> Word Count (59)  
UserId="67765" Comment="added 14 characters in body" --> Word Count (131)  
UserId="45264" --> Word Count (116)  
UserId="924" --> Word Count (76)  
UserId="66612" --> Word Count (85)  
UserId="66612" --> Word Count (10)  
UserId="66612" --> Word Count (1)  
UserId="66612" Comment="added 91 characters in body" --> Word Count (99)  
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UserId="10640" Comment="A few improvements" --> Word Count (10)  
UserId="10640" Comment="A few improvements" --> Word Count (9)  
UserId="10640" Comment="A few improvements" --> Word Count (1)  
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UserId="67779" --> Word Count (237)  
UserId="65823" --> Word Count (199)  
UserId="65823" --> Word Count (11)  
UserId="65823" --> Word Count (1)  
UserId="1330" Comment="deleted 3 characters in body" --> Word Count (55)  
UserId="66612" --> Word Count (330)  
UserId="67783" --> Word Count (48)  
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UserId="67783" --> Word Count (1)

UserId="66565" --> Word Count (139)  
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 UserId="67796" Comment="added 326 characters in body" --> Word Count (258)  
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 UserId="29169" --> Word Count (1)  
 UserId="67796" Comment="added 2 characters in body" --> Word Count (258)  
 UserId="29169" Comment="added 135 characters in body" --> Word Count (200)  
 UserId="67483" --> Word Count (107)  
 UserId="67483" Comment="clarify question" --> Word Count (12)  
 UserId="67794" --> Word Count (184)  
 UserId="67794" --> Word Count (6)  
 UserId="67794" --> Word Count (1)  
 UserId="67774" --> Word Count (206)  
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 UserId="67774" Comment="edited title" --> Word Count (10)  
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UserId="67816" Comment="added 7 characters in body; deleted 14 characters in body" --> Word Count (82)  
UserId="66759" --> Word Count (62)  
UserId="66759" --> Word Count (125)  
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UserId="67820" --> Word Count (153)  
UserId="67820" --> Word Count (10)  
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UserId="66565" --> Word Count (109)  
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 UserId="29169" Comment="Took title off of all caps, corrected spelling errors and rephrased body to add clarity" --> Word Count (8)  
 UserId="25180" Comment="broken image fixed (click 'rendered output' to see the difference; image retrieved via Wayback Machine); for more info, see <https://gist.github.com/Glorfindel83/9d954d34385d2ac2597bbe864466259f>" --> Word Count (66)  
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UserId="67860" --> Word Count (21)  
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UserId="45264" --> Word Count (587)  
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UserId="58449" --> Word Count (138)  
UserId="58449" --> Word Count (10)  
UserId="58449" --> Word Count (1)  
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UserId="60714" Comment="edited tags" --> Word Count (1)  
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UserId="21" Comment="103" --> Word Count (4)  
UserId="67494" --> Word Count (187)  
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UserId="58209" --> Word Count (1)  
UserId="29587" --> Word Count (48)  
UserId="54395" --> Word Count (416)  
UserId="67602" --> Word Count (155)  
UserId="67602" --> Word Count (16)  
UserId="67602" --> Word Count (1)  
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UserId="67882" --> Word Count (1)  
UserId="67243" --> Word Count (320)  
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UserId="67243" --> Word Count (1)  
UserId="67239" --> Word Count (732)  
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UserId="8754" --> Word Count (50)

UserId="32429" --> Word Count (63)  
 UserId="32429" --> Word Count (9)  
 UserId="32429" --> Word Count (1)  
 UserId="32926" --> Word Count (178)  
 UserId="32926" Comment="added 10 characters in body" --> Word Count (180)  
 UserId="52089" Comment="deleted 10 characters in body" --> Word Count (185)  
 UserId="32926" Comment="edited body" --> Word Count (180)  
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 UserId="50519" Comment="added 2 characters in body" --> Word Count (47)  
 UserId="59087" --> Word Count (34)  
 UserId="38892" Comment="added 132 characters in body" --> Word Count (404)  
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 UserId="67851" --> Word Count (6)  
 UserId="67851" --> Word Count (1)  
 UserId="29587" --> Word Count (154)  
 UserId="67483" Comment="clarify question" --> Word Count (25)  
 UserId="67423" --> Word Count (137)  
 UserId="67423" --> Word Count (10)  
 UserId="67423" --> Word Count (1)  
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 UserId="67902" --> Word Count (1)  
 UserId="67907" --> Word Count (109)  
 UserId="67907" --> Word Count (6)  
 UserId="67907" --> Word Count (1)  
 UserId="67908" --> Word Count (85)  
 UserId="67908" --> Word Count (13)  
 UserId="67908" --> Word Count (1)  
 UserId="67908" Comment="edited title" --> Word Count (14)  
 UserId="67909" --> Word Count (41)  
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 UserId="67911" --> Word Count (12)  
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 UserId="25180" Comment="broken image fixed (click 'rendered output' to see the difference; image retrieved via Wayback Machine); for more info, see <https://gist.github.com/Glorfindel83/9d954d34385d2ac2597bbe864466259f>" --> Word Count (160)  
 UserId="61843" Text="Recently I started reading more about NLP and following tutorials in Python in order to learn more about the subject. I started experimenting with words embeddings also, and I found some interesting results which I don't know how to interpret. I first used an English corpus for both training and testing and afterwards, I used the English corpus for training and a small French corpus for testing (all corpora have been annotated for the same binary classification task). In both cases, I used the pre-trained on tweets Glove embeddings. As the results in the case where I also used the French corpus improved (by almost 5%, reaching ~accuracy = 0.8), I was wondering if Glove was

trained on multilingual data, as I didn't see anyone making this statement (I'm aware of the amount of data that is used) comparing to FastText, for example, where you have embeddings for different languages. Also, if Glove supports multilingual information, this would also eliminate the need for mapping different embeddings into the same embedding space (as is the case for Fast --> Word Count (8))

UserId="61843" --> Word Count (3)  
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UserId="47562" --> Word Count (6)  
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<DELETE> --> Word Count (17)  
<DELETE> --> Word Count (1)  
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UserId="61756" Comment="added 81 characters in body; edited title" --> Word Count (7)  
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UserId="67917" --> Word Count (32)  
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UserId="58433" --> Word Count (86)  
UserId="58433" --> Word Count (7)  
UserId="58433" --> Word Count (1)  
UserId="9257" --> Word Count (146)  
UserId="10640" Comment="latex notation added" --> Word Count (153)  
UserId="10640" Comment="A few improvements" --> Word Count (48)  
UserId="10640" Comment="A few improvements" --> Word Count (10)  
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UserId="65559" --> Word Count (1)  
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UserId="67483" --> Word Count (15)  
UserId="67483" Comment="added 106 characters in body" --> Word Count (27)

UserId="61756" --> Word Count (38)  
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 UserId="55122" Comment="clarified problem setup, cleaned grammar and formatting"  
 --> Word Count (308)  
 UserId="67883" Comment="Fixed link" --> Word Count (133)  
 UserId="29169" Comment="Retagged question" --> Word Count (18)  
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 UserId="50519" Comment="Typo in the title" --> Word Count (9)  
 UserId="67903" Comment="What is the difference between SVM classification error,  
 SVM margin error, and SVM total error ? Is there any clear definition for them ?  
 And what is C parameter in SVM ? Its totally confusing me !!!" --> Word Count  
 (4)  
 UserId="39338" Comment="Better Title" --> Word Count (9)  
 UserId="10640" Comment="A few improvements" --> Word Count (29)  
 UserId="10640" Comment="A few improvements" --> Word Count (1)  
 UserId="67939" --> Word Count (38)  
 UserId="67939" --> Word Count (10)  
 UserId="67939" --> Word Count (1)  
 UserId="58433" Comment="edited title" --> Word Count (9)  
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 UserId="32669" Comment="added 2428 characters in body" --> Word Count (2288)  
 UserId="67483" --> Word Count (72)  
 UserId="9316" Comment="Include some important points about ease of development  
 with DataFrames compared to vanilla SQL" --> Word Count (444)  
 UserId="924" --> Word Count (31)  
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 UserId="67942" --> Word Count (7)  
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 UserId="58209" --> Word Count (7)  
 UserId="58209" --> Word Count (1)  
 UserId="60954" --> Word Count (122)  
 UserId="47688" --> Word Count (181)  
 UserId="47688" --> Word Count (5)  
 UserId="47688" --> Word Count (1)  
 UserId="18626" --> Word Count (174)  
 UserId="47688" --> Word Count (222)  
 UserId="47688" --> Word Count (76)  
 UserId="29169" Comment="Added clarity to the title" --> Word Count (11)  
 UserId="55122" --> Word Count (64)  
 UserId="10640" Comment="Latex notation improved and simplified a few parts" -->  
 Word Count (165)  
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 UserId="29169" Comment="Fixed capitalization errors" --> Word Count (317)  
 UserId="23546" Comment="minor capitization, grammar and formatting improvement"

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--> Word Count (71)
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UserId="31009" Comment="Added information about `NaN` objects." --> Word Count
(123)
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 UserId="26019" Comment="edited body" --> Word Count (91)  
 UserId="26019" Comment="edited body" --> Word Count (88)  
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 UserId="52089" Comment="deleted 8 characters in body" --> Word Count (116)  
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 UserId="55122" Comment="add aggregation code" --> Word Count (270)  
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 UserId="45907" --> Word Count (155)  
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 UserId="47562" Comment="added 20 characters in body" --> Word Count (20)  
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 UserId="41771" --> Word Count (148)  
 UserId="41771" Comment="typo" --> Word Count (148)

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UserId="8820" --> Word Count (56)
UserId="8820" --> Word Count (4)
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UserId="41771" --> Word Count (48)
UserId="63693" --> Word Count (123)
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UserId="68028" --> Word Count (10)
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UserId="66785" Comment="added 2 characters in body" --> Word Count (135)
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UserId="53352" --> Word Count (75)
UserId="53352" --> Word Count (8)
UserId="53352" --> Word Count (1)
UserId="201" Text="What you need to look for is called "Named Entity
recognition". From [Wikipedia][1]

> Named-entity
recognition (NER) (also known as entity identification,
> entity
chunking and entity extraction) is a subtask of information
>
extraction that seeks to locate and classify named entity mentions
in
> unstructured text into pre-defined categories such as the
person
> names, organizations, locations, medical codes, time
expressions,
> quantities, monetary values, percentages,
etc.

As it is mentioned in the comments section, Stanford has
a great NER Tagger and you could use that together with Python (even if the
StanfordNLP is implemented in Java)

Download the jar file
from the [official url][1]. It has this format `stanford-ner-xxxx-xx-
xx.zip`

You need to put the following two files in the same
application folder as your Python script

1. ner-
tagger.jar
2. ner-model-english.ser.gz (choose another one if you don't
want
English)

import nltk

 from nltk.tag.stanford import
StanfordNERTagger 

 yourText =
this_is_your_text
 
 words = nltk.word_tokenize(your -->

```

Word Count (48)

UserId="67986" --> Word Count (279)

UserId="67986" --> Word Count (11)

UserId="67986" --> Word Count (1)

UserId="67986" Comment="added 223 characters in body" --> Word Count (381)

UserId="201" --> Word Count (223)

UserId="201" --> Word Count (223)

UserId="201" --> Word Count (155)

UserId="32697" --> Word Count (256)

UserId="68034" --> Word Count (96)

UserId="68034" --> Word Count (13)

UserId="68034" --> Word Count (1)

UserId="68037" --> Word Count (99)

UserId="68037" --> Word Count (7)

UserId="68037" --> Word Count (1)

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UserId="66117" --> Word Count (6)

UserId="66117" --> Word Count (1)

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UserId="67708" --> Word Count (7)

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UserId="65291" --> Word Count (777)

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UserId="65291" --> Word Count (1)

UserId="67986" Comment="added 27 characters in body" --> Word Count (359)

UserId="66117" --> Word Count (26)

UserId="67986" Comment="added 1 character in body" --> Word Count (359)

UserId="31528" --> Word Count (282)

UserId="31528" --> Word Count (5)

UserId="31528" --> Word Count (1)

UserId="13046" --> Word Count (157)

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UserId="65776" --> Word Count (1)

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UserId="56195" Comment="added 36 characters in body" --> Word Count (178)  
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UserId="52206" --> Word Count (9)  
UserId="52206" --> Word Count (1)  
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UserId="40077" Comment="deleted 1 character in body" --> Word Count (233)  
UserId="56195" Comment="deleted 36 characters in body" --> Word Count (176)  
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UserId="55122" --> Word Count (38)  
UserId="56195" Comment="added 56 characters in body" --> Word Count (214)  
UserId="41771" --> Word Count (70)  
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UserId="64700" --> Word Count (1)  
UserId="66104" --> Word Count (60)  
UserId="41771" --> Word Count (80)  
UserId="56195" Comment="added 109 characters in body" --> Word Count (258)  
UserId="66104" --> Word Count (156)  
UserId="68075" --> Word Count (1193)  
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UserId="66104" --> Word Count (104)  
UserId="66104" Comment="deleted 1 character in body" --> Word Count (156)  
UserId="67602" --> Word Count (30)  
UserId="67602" --> Word Count (8)  
UserId="67602" --> Word Count (1)  
UserId="67602" Comment="added 48 characters in body" --> Word Count (38)  
UserId="45166" --> Word Count (122)  
UserId="68089" --> Word Count (129)  
UserId="68089" --> Word Count (5)  
UserId="68089" --> Word Count (1)  
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UserId="68042" --> Word Count (8)  
UserId="68042" --> Word Count (1)  
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UserId="68021" --> Word Count (31)  
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UserId="68100" Comment="added 770 characters in body" --> Word Count (392)  
 UserId="16111" --> Word Count (43)  
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 UserId="16111" --> Word Count (1)  
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 UserId="68075" Comment="added 166 characters in body" --> Word Count (1205)  
 UserId="16111" --> Word Count (49)  
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 UserId="68120" --> Word Count (256)  
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 UserId="68120" --> Word Count (1)  
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 Count (233)  
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 UserId="68147" --> Word Count (1)  
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 UserId="38892" Comment="edited body" --> Word Count (156)  
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 UserId="63565" Comment="added 219 characters in body" --> Word Count (159)  
 UserId="68133" Comment="added 1711 characters in body" --> Word Count (826)  
 UserId="68136" Comment="added 35 characters in body" --> Word Count (159)  
 UserId="40077" Comment="added 10 characters in body" --> Word Count (749)  
 UserId="68133" Comment="Put actual code on there " --> Word Count (828)  
 UserId="40077" Comment="edited body" --> Word Count (749)  
 UserId="68151" --> Word Count (417)  
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 UserId="64533" --> Word Count (76)  
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 UserId="68151" Comment="edited tags" --> Word Count (1)  
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 UserId="68154" --> Word Count (37)  
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UserId="28628" --> Word Count (1)  
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 UserId="68170" --> Word Count (1)  
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 UserId="68172" --> Word Count (42)  
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 UserId="68174" --> Word Count (2462)  
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 UserId="41771" --> Word Count (33)  
 UserId="68168" Comment="spelling" --> Word Count (61)  
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 UserId="16763" --> Word Count (28)  
 UserId="68006" Comment="added 828 characters in body" --> Word Count (2309)  
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 UserId="8240" --> Word Count (13)  
 UserId="8240" --> Word Count (1)  
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 UserId="68006" --> Word Count (135)  
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 UserId="52212" --> Word Count (223)  
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 UserId="66104" --> Word Count (349)  
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UserId="66104" --> Word Count (1)  
 UserId="66104" Comment="added 354 characters in body" --> Word Count (406)  
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 UserId="21" Comment="103" --> Word Count (2)  
 UserId="21" Comment="104" --> Word Count (4)  
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 UserId="50641" --> Word Count (287)  
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 UserId="50641" --> Word Count (1)  
 UserId="50641" Comment="deleted 3 characters in body" --> Word Count (286)  
 UserId="63693" --> Word Count (89)  
 UserId="15850" --> Word Count (106)  
 UserId="15850" --> Word Count (19)  
 UserId="15850" --> Word Count (1)  
 UserId="41771" --> Word Count (36)  
 UserId="68136" Comment="added 15344 characters in body" --> Word Count (5052)  
 UserId="59425" --> Word Count (353)  
 UserId="59425" --> Word Count (23)  
 UserId="59425" --> Word Count (1)  
 UserId="68136" Comment="added 12 characters in body" --> Word Count (5052)  
 UserId="40137" --> Word Count (60)  
 UserId="18098" --> Word Count (91)  
 UserId="18098" --> Word Count (6)  
 UserId="18098" --> Word Count (1)  
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 UserId="56524" --> Word Count (1)  
 UserId="68208" --> Word Count (304)  
 UserId="68208" --> Word Count (10)

UserId="68208" --> Word Count (1)  
 <DELETE> --> Word Count (193)  
 <DELETE> --> Word Count (12)  
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 UserId="68210" --> Word Count (35)  
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 UserId="68212" --> Word Count (323)  
 UserId="68212" --> Word Count (10)  
 UserId="68212" --> Word Count (1)  
 UserId="68210" Comment="added 29 characters in body" --> Word Count (39)  
 UserId="201" --> Word Count (101)  
 UserId="68210" Comment="added 221 characters in body" --> Word Count (77)  
 UserId="67986" --> Word Count (129)  
 UserId="67986" --> Word Count (7)  
 UserId="67986" --> Word Count (1)  
 UserId="67986" Comment="added 2 characters in body" --> Word Count (129)  
 UserId="67835" --> Word Count (74)  
 UserId="67986" Comment="added 106 characters in body" --> Word Count (139)  
 UserId="67986" Comment="edited title" --> Word Count (9)  
 UserId="68208" --> Word Count (68)  
 UserId="68208" Comment="edited title" --> Word Count (15)  
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 UserId="60629" --> Word Count (74)  
 UserId="60629" --> Word Count (12)  
 UserId="60629" --> Word Count (1)  
 UserId="68210" Comment="Excluded german example, as my example was not correct german" --> Word Count (74)  
 <DELETE> --> Word Count (490)  
 UserId="63565" --> Word Count (633)  
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 UserId="68223" --> Word Count (7)  
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 UserId="41771" --> Word Count (290)  
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 UserId="38091" --> Word Count (4)

UserId="38091" --> Word Count (1)  
 UserId="45264" Comment="formatting" --> Word Count (122)  
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 UserId="45264" --> Word Count (351)  
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 UserId="68133" Comment="did the process using lists instead of pandas objects"  
 --> Word Count (1064)  
 UserId="68133" Comment="did the process using lists instead of pandas objects"  
 --> Word Count (1)  
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 UserId="68230" --> Word Count (178)  
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 UserId="67986" Comment="edited tags" --> Word Count (1)  
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 UserId="33279" --> Word Count (151)  
 UserId="33279" --> Word Count (15)  
 UserId="33279" --> Word Count (1)  
 UserId="33279" Comment="added 554 characters in body" --> Word Count (193)  
 UserId="68232" --> Word Count (143)  
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 UserId="52816" --> Word Count (53)  
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 UserId="14904" --> Word Count (188)  
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UserId="68235" --> Word Count (36)  
 UserId="68235" --> Word Count (2)  
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 UserId="68154" --> Word Count (109)  
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 <DELETE> --> Word Count (484)  
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 UserId="2961" Comment="improved formatting" --> Word Count (539)  
 UserId="39963" --> Word Count (52)  
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 UserId="68154" Comment="Adding more appropriate tags" --> Word Count (1)  
 UserId="52816" Comment="added 544 characters in body" Text="Kmeans utilize the mean of your data points for clustering . If your dataset is made of plain text or other type of factors (i.e not numbers) then it wont work for you . You need to do another step of preprocessing your data before you can apply Kmean or most of the ML algorithms . &#xD;&#xA;&#xD;&#xA;1. Categorical dataset : i.e your data is in the form of multiple categories like column of fruits with values of Apple , orange ,banana etc. Then you can use &quot;one hot encoding&quot; method that will transform your category column into multiple columns that each indicate if the sample is belong to the relevant category (i.e for column with 3 fruit types you will get 3 new binary (1 or 0) columns - is apple ? is orange? is banana ? read more about how to do it in R here : [One hot encoding in R ][1]&#xD;&#xA;&#xD;&#xA;2. If your dataset is plain text (like tweets or stackexchange posts) :&#xD;&#xA;One common method is using td-idf (but there are many more) , you can read more here:&#xD;&#xA;[ --> Word Count (33)  
 UserId="68154" --> Word Count (101)  
 UserId="68243" --> Word Count (25)  
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 UserId="61210" Comment="added 116 characters in body" Text="I am trying to use Hierarchical Attention Networks for classification of news articles using 20 newsgroup dataset that i downloaded from the internet. I came across this

[code][1] of the implementation and tried using it on 20 newsgroup dataset as i was curious to see the results and couldn't hold back. Like he showed in the example i followed same steps and got the error

```

ValueError:
Operands could not be broadcast together with shapes (100, 200) (None,
Elemwise{mul,no_inplace}.0)

```

I have never used keras, can anyone help me with what is wrong with the dimensions of the word encoding and sentence encoding.

```

import re
import numpy as np
import pandas as pd
import sys
import os
from keras.preprocessing.text import Tokenizer
from keras.preprocessing.sequence import pad_sequences
from keras.callbacks import ModelCheckpoint
from keras.utils import to_categorical
from nltk.tokenize import sent_tokenize
from sklearn.model_selection import train_test_split
from keras_han.model import HAN
MAX_WORDS_PER_SENT = 100
MAX_SENT = 15
MAX_VOC_SIZE = 20000
GLOVE_DIM = 100
TEST_SPLIT = 0.2
def remove_quotations(text):
 text = re.sub(r'\"', '', text)
 text = re.sub(r'\'', '', text)
 text = re.sub(r'\"', '\"', text)
 text = re.sub(r'\'', '\'', text)
 return text
def remove_html(text):
 tags_regex = re.compile(r'<.*?>')
 return tags_regex.sub('', text)
print('Processing text dataset')
TEXT_DATA_DIR = 'E:/Thesis/20news-bydate-test'
df = pd.DataFrame(columns=['Text', 'Labels'])
texts = [] # list of text samples
labels_index = {} # dictionary mapping label name to numeric id
labels = [] # list of label ids
for name in sorted(os.listdir(TEXT_DATA_DIR)):
 path = os.path.join(TEXT_DATA_DIR, name)
 if os.path.isdir(path):
 label_id = len(labels_index)
 for fname in sorted(os.listdir(path)):
 if fname.isdigit():
 fpath = os.path.join(path, fname)
 sys.version_info < (3,)
 f = open(fpath)
 else:
 t = f.read()
 i = t.find('\n\n') # skip header
 if 0 < i:
 texts.append(t)
 labels.append(label_id)
 f.close()
print('Found %s texts.' % len(texts))
df = pd.DataFrame({'Text': texts, 'Label': labels})
df['Text'] = df['Text'].apply(remove_quotations)
df['Text'] = df['Text'].apply(remove_html)
df = df.replace('\n', '', regex=True)
news = df['--> Word Count (729)']

```

UserId="68237" --> Word Count (205)

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 UserId="68237" --> Word Count (1)  
 UserId="68247" --> Word Count (65)  
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 UserId="68250" --> Word Count (7)  
 UserId="68250" --> Word Count (1)  
 UserId="23240" --> Word Count (207)  
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 UserId="30459" --> Word Count (37)  
 UserId="68251" Comment="I have added more information" --> Word Count (844)  
 UserId="68251" Comment="I have added more information" --> Word Count (11)  
 UserId="61823" --> Word Count (1647)  
 UserId="61823" --> Word Count (8)  
 UserId="61823" --> Word Count (1)  
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 UserId="67135" --> Word Count (1)  
 UserId="39963" --> Word Count (134)  
 UserId="39963" --> Word Count (45)  
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 UserId="68259" --> Word Count (402)



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 UserId="52300" --> Word Count (90)  
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 UserId="52300" Comment="added 70 characters in body" --> Word Count (101)  
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 UserId="67483" Comment="clarify question" --> Word Count (11)  
 UserId="38892" Comment="clarify question" --> Word Count (64)  
 UserId="38892" Comment="clarify question" --> Word Count (11)  
 UserId="67483" Comment="a few grammar tweaks" --> Word Count (842)  
 UserId="67483" Comment="a few grammar tweaks" --> Word Count (14)  
 UserId="67483" Comment="formatting of output" --> Word Count (1647)  
 UserId="68267" --> Word Count (347)  
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 <DELETE> --> Word Count (1)  
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 UserId="9609" --> Word Count (9)  
 UserId="9609" --> Word Count (1)  
 UserId="9609" Comment="added 1 character in body" --> Word Count (25)  
 UserId="30459" Comment="deleted 1 character in body" --> Word Count (36)  
 UserId="29587" --> Word Count (132)  
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 UserId="67605" Comment="added 194 characters in body" --> Word Count (353)  
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 UserId="15613" --> Word Count (1)  
 UserId="52816" Comment="updated more approaches " Text="Kmeans utilize the mean of your data points for clustering . If your dataset is made of plain text or other type of factors (i.e not numbers) then it wont work for you . You need to do another step of preprocessing your data before you can apply Kmean or most of the ML algorithms .  
 &#xA;1. Categorical dataset : i.e your data is in the form of multiple categories like column of fruits with values of Apple , orange ,banana etc. Then you can use "one hot encoding" method that will transform your category column into multiple columns that each

indicate if the sample is belong to the relevant category (i.e for column with 3 fruit types you will get 3 new binary (1 or 0) columns - is apple ? is orange? is banana ? read more about how to do it in R here : [One hot encoding in R][1]&#xD;&#xA;&#xD;&#xA;Update: like some suggested in the comments , K means wont be the best approach for clustering categorical data and in some cases you can get much better results when using more suitable approaches .Here is a link to another (more advanced) method for clustering categorical data in R - ROCK algorithem ([kaggle notebook][2]) . Also ,you can read about &quot;Kmode&quot; which is similar to kmeans for categories and [implemented in R][3]&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;&#xD;&#xA; 2. If your dataset is plain text (like tweets or stackexchange posts) :&#xD;&#xA;One common method is using td-idf (but there are many more) , you can read more here:&#xD;&#xA;[ --> Word Count (39)

UserId="68275" --> Word Count (44)

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UserId="38892" --> Word Count (100)

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Count (11)

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UserId="21" Comment="102" --> Word Count (5)

UserId="21" Comment="104" --> Word Count (5)

UserId="21" Comment="104" --> Word Count (4)

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UserId="21" Comment="104" --> Word Count (2)

UserId="68302" --> Word Count (325)

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UserId="28611" Comment="made explanation clearer" --> Word Count (396)

UserId="28611" Comment="added 22 characters in body" --> Word Count (400)

UserId="28611" Comment="added 221 characters in body" --> Word Count (442)

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 UserId="1330" Comment="added 2 characters in body" --> Word Count (161)  
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 UserId="68353" Comment="added 8 characters in body" --> Word Count (96)

UserId="23240" --> Word Count (346)  
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 UserId="54221" --> Word Count (119)  
 UserId="54221" --> Word Count (8)  
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 UserId="68367" --> Word Count (1)  
 UserId="67791" Comment="added 212 characters in body" --> Word Count (74)  
 UserId="11097" Comment="102" --> Word Count (4)  
 UserId="45929" Comment="Dendogram -&gt; Dendrogram" --> Word Count (253)  
 UserId="49795" Text="I'm planning to build a PC for Deep Learning, after the launch of AMD Ryzen 3rd gen processors. My budget will allow me to choose between a GTX 1660 Ti and RTX 2060. I'm tabulating the specs of both the cards below.&#xD;&#xA;&#xD;&#xA;  
                                                                                  GPU  
 GTX-1660Ti    RTX-2060    &#xD;&#xA;  
                                                          GPU-cores            1536  
                  &#xD;&#xA;            Tensor-cores            N/A            240            &#xD;&#xA;  
 RT-cores            N/A            30            &#xD;&#xA;            --> Word Count (321)  
 UserId="49795" --> Word Count (11)  
 UserId="49795" --> Word Count (1)  
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 UserId="43077" Comment="deleted 13 characters in body" --> Word Count (612)  
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 UserId="52300" Comment="deleted 40 characters in body" --> Word Count (85)  
 UserId="68280" --> Word Count (26)  
 UserId="68280" --> Word Count (9)  
 UserId="68280" --> Word Count (1)  
 UserId="68333" Comment="spelling" --> Word Count (5)  
 UserId="52291" Comment="added 2 characters in body" --> Word Count (110)  
 UserId="68136" Text="I am planning to detect texts from \*\*document text images\*\* like below:&#xD;&#xA;&#xD;&#xA;&#xD;&#xA; \*\*GOAL:\*\*&#xD;&#xA;&#xD;&#xA; [![enter image description here][1]][1]&#xD;&#xA;&#xD;&#xA;&#xD;&#xA; \*\*WORK DONE:\*\*&#xD;&#xA; I have tried to solve this with some \*scene text detection algorithms\* like [EAST --> Word Count (54)  
 UserId="68136" --> Word Count (8)  
 UserId="68136" --> Word Count (1)  
 UserId="45264" --> Word Count (362)  
 UserId="68089" Comment="added 17 characters in body" --> Word Count (71)  
 UserId="68380" --> Word Count (48)

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 <DELETE> --> Word Count (340)  
 <DELETE> --> Word Count (10)  
 <DELETE> --> Word Count (1)  
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 UserId="68353" --> Word Count (55)  
 UserId="66117" --> Word Count (338)  
 UserId="66117" --> Word Count (4)  
 UserId="66117" --> Word Count (1)  
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 UserId="25418" --> Word Count (102)  
 UserId="25418" --> Word Count (8)  
 UserId="25418" --> Word Count (1)  
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 UserId="56524" Comment="edited tags" --> Word Count (1)  
 UserId="56524" --> Word Count (49)  
 UserId="56524" --> Word Count (11)  
 UserId="56524" --> Word Count (1)  
 UserId="45374" Comment="Edited for clarity" --> Word Count (18)  
 UserId="45374" Comment="Edited for clarity" --> Word Count (9)  
 UserId="23546" Comment="minor spelling correction, removed extra punctuation,  
 and added a space between two words." --> Word Count (1042)  
 UserId="23546" Comment="removed extraneous word and text" --> Word Count (166)  
 UserId="52300" Comment="news one --- new models" --> Word Count (346)  
 UserId="28628" Comment="added 476 characters in body" --> Word Count (115)  
 UserId="68136" Comment="added 232 characters in body" Text="I am planning to  
 detect texts from \*\*document text images\*\* like  
 below:&#xD;&#xA;&#xD;&#xA;&#xD;&#xA; \*\*GOAL:&#xD;&#xA;&#xD;&#xA; [[enter image  
 description here] [1]] [1]&#xD;&#xA;&#xD;&#xA;&#xD;&#xA; \*\*WORK DONE:&#xD;&#xA;&#xD;&#xA; I  
 have tried to solve this with some \*scene text detection algorithms\* like [EAST  
 --> Word Count (91)  
 UserId="68294" Comment="edited title" --> Word Count (6)  
 UserId="68294" Comment="edited title" --> Word Count (57)  
 UserId="54917" --> Word Count (2276)  
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 UserId="54917" --> Word Count (1)  
 UserId="67483" --> Word Count (78)  
 UserId="49466" --> Word Count (127)  
 UserId="49466" --> Word Count (6)  
 UserId="49466" --> Word Count (1)  
 UserId="65019" Comment="added 161 characters in body" --> Word Count (338)  
 UserId="65019" Comment="added 161 characters in body" --> Word Count (6)  
 UserId="56524" --> Word Count (41)  
 UserId="56524" --> Word Count (8)  
 UserId="56524" --> Word Count (1)  
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UserId="28175" --> Word Count (159)  
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 UserId="28175" Comment="edited tags" --> Word Count (7)  
 UserId="41771" Comment="typo" --> Word Count (75)  
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 UserId="44965" --> Word Count (29)  
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 UserId="68390" --> Word Count (4)  
 UserId="68390" --> Word Count (1)  
 UserId="41771" --> Word Count (41)  
 UserId="53812" --> Word Count (171)  
 UserId="53812" --> Word Count (65)  
 UserId="52300" Comment="some minor grammatical corrections" --> Word Count (48)  
 UserId="68154" --> Word Count (146)  
 UserId="68154" --> Word Count (8)  
 UserId="68154" --> Word Count (1)  
 UserId="67605" --> Word Count (56)  
 UserId="67605" --> Word Count (10)  
 UserId="67605" --> Word Count (1)  
 UserId="52300" Comment="some minor sentence corrections" --> Word Count (57)  
 UserId="68154" Comment="Typo" --> Word Count (145)  
 UserId="68389" --> Word Count (239)  
 UserId="68389" --> Word Count (8)  
 UserId="68389" --> Word Count (1)  
 UserId="68392" --> Word Count (87)  
 UserId="68392" --> Word Count (10)  
 UserId="68392" --> Word Count (1)  
 UserId="28175" --> Word Count (209)  
 UserId="28175" Comment="edited tags" --> Word Count (1)  
 UserId="28175" Comment="edited tags" --> Word Count (146)  
 UserId="23240" Comment="Rollback to [00393b36-f435-44d7-aa58-dde3835265bf] -  
 Edit approval overridden by post owner or moderator" --> Word Count (346)  
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 UserId="68396" --> Word Count (85)  
 UserId="68396" --> Word Count (7)  
 UserId="68396" --> Word Count (1)  
 UserId="67986" Comment="deleted 159 characters in body; edited title" --> Word  
 Count (103)  
 UserId="67986" Comment="deleted 159 characters in body; edited title" --> Word  
 Count (8)  
 UserId="51659" Comment="added 235 characters in body" --> Word Count (126)  
 <DELETE> --> Word Count (351)  
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 UserId="38892" --> Word Count (114)  
 UserId="38892" Comment="added 4 characters in body" --> Word Count (104)  
 UserId="52300" Comment="deleted 81 characters in body" --> Word Count (182)  
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 UserId="68370" --> Word Count (1)  
 UserId="68353" Comment="added 1033 characters in body" --> Word Count (160)  
 UserId="-1" Comment="It's tails, not tales" --> Word Count (128)  
 UserId="52300" Comment="some minor sentence corrections" --> Word Count (2267)  
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 UserId="38892" Comment="added 66 characters in body" --> Word Count (132)  
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 UserId="68353" Comment="added 8 characters in body" --> Word Count (145)  
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 UserId="51659" Comment="added 77 characters in body" --> Word Count (137)  
 UserId="66104" --> Word Count (41)  
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 UserId="23240" --> Word Count (55)  
 UserId="33603" --> Word Count (55)  
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 UserId="17613" --> Word Count (83)  
 UserId="33603" --> Word Count (96)  
 UserId="52300" Comment="some spell checks and grammatical corrections" --> Word Count (95)  
 UserId="68353" Comment="added 122 characters in body" --> Word Count (153)  
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 UserId="33020" --> Word Count (5)  
 UserId="33020" --> Word Count (1)

UserId="23240" --> Word Count (63)  
 UserId="68353" --> Word Count (85)  
 UserId="68413" --> Word Count (96)  
 UserId="68413" --> Word Count (9)  
 UserId="68413" --> Word Count (1)  
 UserId="68353" Comment="added 1 character in body" --> Word Count (85)  
 UserId="67986" Comment="added 12 characters in body" --> Word Count (107)  
 UserId="68416" --> Word Count (74)  
 UserId="68421" --> Word Count (548)  
 UserId="68421" --> Word Count (12)  
 UserId="68421" --> Word Count (1)  
 UserId="39963" --> Word Count (67)  
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 UserId="68023" --> Word Count (152)  
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 UserId="55122" Comment="changed tags" --> Word Count (1)  
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 UserId="68433" --> Word Count (10)  
 UserId="68433" --> Word Count (1)  
 UserId="43077" Comment="added 10 characters in body" --> Word Count (562)  
 UserId="43077" Comment="added 54 characters in body" --> Word Count (188)  
 UserId="68439" --> Word Count (34)  
 UserId="67820" Comment="added 6 characters in body" --> Word Count (192)  
 UserId="45264" Comment="edited title" --> Word Count (7)  
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 UserId="68479" --> Word Count (33)  
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 --> Word Count (1)  
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 (364)  
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 UserId="68573" --> Word Count (1)  
 UserId="68572" --> Word Count (53)  
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 libraries for OCR + Bounding Box detection (E.g.:  
[https://www.pyimagesearch.com/2018/08/20/opencv-text-detection-east-text-  
 detector/](https://www.pyimagesearch.com/2018/08/20/opencv-text-detection-east-text-detector/) for Bouding Box detection and then OpenCV / Tessract for  
 OCR)&#xD;&#xA;&#xD;&#xA;[![enter image description  
 here][1]][1]&#xD;&#xA;&#xD;&#xA;2. Train a Deep learning model for --> Word  
 Count (15)  
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 Count (265)  
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 Count (11)  
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 UserId="11097" Comment="105" --> Word Count (1)  
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 spelling errors" --> Word Count (66)  
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 spelling errors" --> Word Count (1)  
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 UserId="924" --> Word Count (57)

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 UserId="68593" --> Word Count (74)  
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 UserId="67605" --> Word Count (11)  
 UserId="67605" --> Word Count (1)  
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 UserId="14675" --> Word Count (116)  
 UserId="14675" Comment="Add source code link" --> Word Count (126)  
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 UserId="68023" --> Word Count (200)  
 UserId="67328" Comment="Wording improved" --> Word Count (464)  
 UserId="67328" Comment="Math notation corrected" --> Word Count (469)  
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 UserId="68639" --> Word Count (7)  
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 UserId="67328" --> Word Count (269)  
 UserId="45374" Comment="Edited for clarity; improved grammar and small spelling mistakes" --> Word Count (86)  
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 UserId="65323" --> Word Count (1)

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 UserId="68280" --> Word Count (46)  
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 UserId="52089" --> Word Count (83)  
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 Word Count (416)  
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 UserId="68727" --> Word Count (1)  
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 UserId="68353" --> Word Count (19)  
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 UserId="67328" --> Word Count (125)  
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 UserId="56679" --> Word Count (92)  
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 UserId="68742" --> Word Count (11)  
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 --> Word Count (444)  
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 --> Word Count (7)  
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 UserId="3436" --> Word Count (1)  
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 --> Word Count (105)  
 UserId="28175" Comment="added 25 characters in body; edited tags; edited title"  
 --> Word Count (10)  
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 UserId="10640" Comment="A few improvements" --> Word Count (1)  
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 [Infersent][1], and Infersent uses [fastText][2] vectors for word embedding. The  
 fastText vector file is close to 5 GiB.&#xD;&#xA;&#xD;&#xA;When we keep the fast  
 --> Word Count (52)  
 UserId="29839" Text="Create word embeddings without keeping fast --> Word Count  
 (6)  
 UserId="29839" --> Word Count (1)  
 UserId="67328" --> Word Count (303)  
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 UserId="31021" Comment="added 1 character in body" --> Word Count (15)  
 UserId="68887" --> Word Count (47)  
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 UserId="65677" Comment="grammar fixes and log latex formatting" --> Word Count (397)  
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 UserId="712" Comment="added 51 characters in body" --> Word Count (384)  
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UserId="67328" Comment="consistent naming" --> Word Count (196)
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UserId="68940" Comment="added 3 characters in body" --> Word Count (87)
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UserId="68975" --> Word Count (209)
UserId="68136" Comment="added 67 characters in body" Text="I am planning to
detect texts from **document text images** like
below:


GOAL:

[! [enter image
description here] [1]] [1]


WORK DONE:
I
have tried to solve this with some *scene text detection algorithms* like [EAST
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(13)
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 UserId="30335" --> Word Count (16)  
 UserId="30335" --> Word Count (1)  
 UserId="59883" --> Word Count (70)  
 UserId="15613" --> Word Count (19)  
 UserId="69174" Comment="added 7 characters in body" --> Word Count (196)  
 UserId="69174" Comment="added 22 characters in body" --> Word Count (115)  
 UserId="45264" --> Word Count (512)  
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 UserId="69213" --> Word Count (1)  
 UserId="69174" Comment="added 22 characters in body" --> Word Count (129)  
 UserId="68783" --> Word Count (18)  
 UserId="45726" --> Word Count (141)  
 UserId="45726" --> Word Count (14)  
 UserId="45726" --> Word Count (1)  
 UserId="20954" Comment="Removed date parser, numpy import and datetime import, which are not used." --> Word Count (209)  
 UserId="67328" Comment="Title improved to reflect the question" --> Word Count (10)  
 UserId="68783" --> Word Count (47)  
 UserId="67328" --> Word Count (241)  
 UserId="69174" --> Word Count (262)  
 UserId="67328" Comment="Correction " --> Word Count (319)  
 UserId="67328" Comment="Wording improved" --> Word Count (337)  
 UserId="67328" Comment="Typo in title" --> Word Count (10)  
 UserId="21" Comment="101" --> Word Count (5)  
 UserId="67328" Comment="Description added" --> Word Count (350)  
 UserId="67328" --> Word Count (157)  
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 UserId="67328" Comment="Explanation improved" --> Word Count (178)  
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UserId="67328" Comment="Explanation improved" --> Word Count (176)  
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 UserId="69174" --> Word Count (508)  
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 UserId="69233" --> Word Count (1)  
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 UserId="54205" --> Word Count (155)  
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 UserId="26612" --> Word Count (10)  
 UserId="26612" --> Word Count (1)  
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 UserId="67328" Comment="Explanation improved" --> Word Count (134)  
 UserId="69231" Comment="via Vote" --> Word Count (2)  
 UserId="67328" Comment="as\_index description added" --> Word Count (222)  
 UserId="69231" --> Word Count (2)  
 UserId="67328" Comment="Wording improved" --> Word Count (243)  
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 UserId="54205" Comment="added 1748 characters in body" --> Word Count (428)  
 UserId="33279" --> Word Count (178)  
 UserId="33279" --> Word Count (9)  
 UserId="33279" --> Word Count (1)  
 UserId="38892" --> Word Count (39)  
 UserId="38892" Comment="added 335 characters in body" --> Word Count (228)  
 UserId="38892" Comment="added 38 characters in body" --> Word Count (47)  
 UserId="67328" --> Word Count (253)  
 UserId="67328" Comment="Explanation improved" --> Word Count (254)  
 UserId="67328" Comment="Improving sections" --> Word Count (258)

UserId="23492" Comment="editing as per someone's suggestion" --> Word Count (134)  
 UserId="64596" --> Word Count (292)  
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 UserId="69241" --> Word Count (474)  
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 UserId="69241" --> Word Count (1)  
 UserId="69241" Comment="simplified MSE calculation in PyTorch" --> Word Count (409)  
 UserId="59488" --> Word Count (186)  
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 UserId="68230" Comment="added 255 characters in body" --> Word Count (187)  
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 UserId="69356" --> Word Count (1)  
 UserId="39338" Comment="Better Format" --> Word Count (11)  
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 UserId="69248" --> Word Count (7)  
 UserId="69248" --> Word Count (1)  
 UserId="47371" --> Word Count (320)  
 UserId="31086" --> Word Count (168)  
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 UserId="69257" --> Word Count (5)  
 UserId="69257" --> Word Count (1)  
 UserId="18626" --> Word Count (216)  
 UserId="69249" Comment="added 82 characters in body" --> Word Count (40)  
 UserId="69248" Comment="added 61 characters in body" --> Word Count (832)  
 UserId="69248" Comment="added 61 characters in body" --> Word Count (10)  
 UserId="69074" Comment="Added extra content" --> Word Count (326)  
 UserId="67328" Comment="Wording improved" --> Word Count (267)  
 UserId="68990" --> Word Count (500)  
 UserId="68990" --> Word Count (9)  
 UserId="68990" --> Word Count (1)  
 UserId="67328" Comment="Data leakage tag added" --> Word Count (1)  
 UserId="23492" Comment="added 37 characters in body" --> Word Count (105)  
 UserId="68491" --> Word Count (44)  
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 UserId="68491" --> Word Count (1)

UserId="69249" Comment="added 319 characters in body" --> Word Count (91)  
 UserId="67689" Comment="added 81 characters in body; edited title" --> Word Count (78)  
 UserId="67689" Comment="added 81 characters in body; edited title" --> Word Count (3)  
 UserId="67328" Comment="Example improved" --> Word Count (193)  
 UserId="67328" Comment="Typo" --> Word Count (193)  
 UserId="67328" Comment="Wording improved" --> Word Count (194)  
 UserId="44965" --> Word Count (151)  
 UserId="44965" --> Word Count (9)  
 UserId="44965" --> Word Count (1)  
 UserId="55122" --> Word Count (105)  
 UserId="55122" --> Word Count (35)  
 UserId="50146" --> Word Count (16)  
 UserId="50146" --> Word Count (6)  
 UserId="50146" --> Word Count (1)  
 UserId="69275" --> Word Count (254)  
 UserId="69275" --> Word Count (9)  
 UserId="69275" --> Word Count (1)  
 UserId="61396" Comment="tag and minor title change" --> Word Count (11)  
 UserId="61396" Comment="tag and minor title change" --> Word Count (1)  
 UserId="-1" Comment="104" --> Word Count (4)  
 UserId="30864" Text="I am attempting to determine if a given phrase (or a few words) is present in a relatively large text. For example:&#xD;&#xA;&#xD;&#xA;\*" --> Word Count (248)  
 UserId="30864" --> Word Count (4)  
 UserId="30864" --> Word Count (1)  
 UserId="69277" --> Word Count (127)  
 UserId="69277" --> Word Count (5)  
 UserId="69277" --> Word Count (1)  
 UserId="69257" Comment="added 25 characters in body" --> Word Count (37)  
 UserId="38892" --> Word Count (81)  
 UserId="38892" Comment="added 4 characters in body" --> Word Count (82)  
 UserId="66117" --> Word Count (44)  
 UserId="66117" --> Word Count (7)  
 UserId="66117" --> Word Count (1)  
 UserId="67328" Comment="Better keywords for title" --> Word Count (18)  
 UserId="50146" Comment="updating the question" --> Word Count (124)  
 UserId="64596" --> Word Count (287)  
 UserId="62846" Text="I'm new to LeakGAN or SeqGAN or" --> Word Count (34)  
 UserId="62846" Text="What is the difference between" --> Word Count (5)  
 UserId="62846" --> Word Count (1)  
 UserId="64596" --> Word Count (30)  
 UserId="62846" Comment="edited tags" --> Word Count (1)  
 UserId="836" --> Word Count (241)  
 UserId="836" Comment="added 633 characters in body" --> Word Count (367)  
 UserId="66759" --> Word Count (40)  
 UserId="45264" Comment="Added extra solution and benchmark" --> Word Count

(922)

UserId="45264" Comment="edited tags" --> Word Count (1)

UserId="69248" Comment="added 88 characters in body" --> Word Count (840)

UserId="37330" --> Word Count (106)

UserId="37330" --> Word Count (7)

UserId="37330" --> Word Count (1)

UserId="69294" --> Word Count (160)

UserId="69294" --> Word Count (8)

UserId="69294" --> Word Count (1)

UserId="69296" --> Word Count (131)

UserId="69296" --> Word Count (8)

UserId="69296" --> Word Count (1)

UserId="64651" --> Word Count (44)

UserId="64651" --> Word Count (5)

UserId="64651" --> Word Count (1)

UserId="69248" --> Word Count (121)

UserId="69248" --> Word Count (9)

UserId="69248" --> Word Count (1)

UserId="54252" --> Word Count (167)

UserId="69169" --> Word Count (119)

UserId="1029" --> Word Count (283)

UserId="69169" Comment="added 268 characters in body" --> Word Count (153)

UserId="69272" --> Word Count (17)

UserId="69272" --> Word Count (15)

UserId="69272" --> Word Count (1)

<DELETE> --> Word Count (168)

<DELETE> --> Word Count (1)

UserId="67328" --> Word Count (420)

UserId="41771" Text="&gt; He reads this and in another application he logs a call. There he has to fill the request type and a number of questionnaires. &#xD;&#xA;&#xD;&#xA;This is a &quot;multi class&quot; classification problem. &#xD;&#xA;&#xD;&#xA;You can start with a library that makes it easy to mix text , categorical and numerical attributes. &#xD;&#xA;&#xD;&#xA; --> Word Count (64)

UserId="67328" Comment="Wording improved" --> Word Count (423)

UserId="67328" Comment="Typo" --> Word Count (423)

UserId="67328" Comment="Explanation improved" --> Word Count (430)

UserId="61904" --> Word Count (109)

UserId="61904" --> Word Count (4)

UserId="61904" --> Word Count (1)

UserId="67328" Comment="Explanation improved" --> Word Count (437)

UserId="14675" --> Word Count (232)

UserId="14675" Comment="added 1 character in body" --> Word Count (239)

UserId="67328" Comment="Explanation improved" --> Word Count (496)

UserId="67328" Comment="Pseudocount, laplace smoothing guidance added" --> Word Count (306)

UserId="42918" --> Word Count (179)

UserId="42918" --> Word Count (12)

UserId="42918" --> Word Count (1)

UserId="57917" --> Word Count (73)  
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 UserId="69078" --> Word Count (268)  
 UserId="69078" --> Word Count (5)  
 UserId="69078" --> Word Count (1)  
 UserId="67328" Comment="More clear short answer" --> Word Count (474)  
 UserId="68154" --> Word Count (42)  
 UserId="68154" --> Word Count (9)  
 UserId="68154" --> Word Count (1)  
 UserId="69307" --> Word Count (286)  
 UserId="69307" Comment="added 16 characters in body" --> Word Count (287)  
 UserId="45264" --> Word Count (124)  
 UserId="68154" --> Word Count (88)  
 UserId="68990" --> Word Count (106)  
 UserId="68154" Comment="added 2 characters in body; edited title" --> Word Count (43)  
 UserId="68154" Comment="added 2 characters in body; edited title" --> Word Count (10)  
 UserId="69296" --> Word Count (500)  
 UserId="69296" --> Word Count (12)  
 UserId="69296" --> Word Count (1)  
 UserId="57917" Comment="added 131 characters in body" --> Word Count (97)  
 UserId="68154" Comment="Extra tag to help question discovery" --> Word Count (1)  
 UserId="67328" Comment="change of function example" --> Word Count (474)  
 UserId="67328" Comment="notation improved" --> Word Count (474)  
 UserId="68230" --> Word Count (255)  
 UserId="37330" --> Word Count (49)  
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 UserId="69315" --> Word Count (118)  
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 UserId="67328" Comment="Wording improved" --> Word Count (459)  
 UserId="67328" Comment="Correction" --> Word Count (455)  
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 UserId="67437" --> Word Count (6)  
 UserId="67437" --> Word Count (1)  
 UserId="54205" --> Word Count (94)  
 UserId="68154" Comment="Corrected spelling, grammar and added tag" --> Word Count (104)  
 UserId="68154" Comment="Corrected spelling, grammar and added tag" --> Word Count (1)  
 UserId="54252" Comment="Added relevant tags." --> Word Count (43)  
 UserId="54252" Comment="Added relevant tags." --> Word Count (1)

UserId="-1" Comment="corrected spelling" --> Word Count (255)  
 UserId="1330" Comment="deleted 4 characters in body" --> Word Count (101)  
 UserId="45264" --> Word Count (200)  
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 UserId="69028" --> Word Count (36)  
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 UserId="67328" --> Word Count (170)  
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 UserId="1029" Comment="The question was framed incorrectly." --> Word Count (13)  
 UserId="67328" Comment="Wording improved" --> Word Count (174)  
 UserId="45264" Comment="typos " --> Word Count (200)  
 UserId="54205" Comment="added 953 characters in body" --> Word Count (255)  
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 UserId="67328" Comment="Typo corrected" --> Word Count (9)  
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 UserId="52291" --> Word Count (122)  
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 UserId="23240" Comment="edited tags" --> Word Count (1)  
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 UserId="60742" --> Word Count (154)  
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 UserId="69363" --> Word Count (5)  
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 UserId="45166" --> Word Count (322)  
 UserId="69364" --> Word Count (18)  
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 UserId="66759" Comment="added 2 characters in body" --> Word Count (127)  
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 UserId="69370" --> Word Count (191)  
 UserId="10372" Comment="added 3 characters in body" --> Word Count (399)  
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 UserId="67328" Comment="Typo" --> Word Count (253)

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UserId="69397" --> Word Count (181)  
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as decoration for technical terms. We can use italics for this instead, which  
you're already doing in part of your answer." --> Word Count (258)  
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as a decoration for technical terms." --> Word Count (23)  
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UserId="1330" --> Word Count (65)

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 UserId="67328" Comment="Change pronoun" --> Word Count (159)  
 UserId="57461" --> Word Count (64)  
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 UserId="59389" --> Word Count (133)  
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 UserId="9609" --> Word Count (1)  
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 UserId="45264" Comment="Formatting" --> Word Count (43)  
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 UserId="67328" Comment="Book citation added" --> Word Count (174)  
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 UserId="67328" Comment="Explanation extended for cross-entropy" --> Word Count (223)  
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 UserId="68541" --> Word Count (1)  
 UserId="69436" --> Word Count (147)  
 UserId="69436" --> Word Count (8)  
 UserId="69436" --> Word Count (1)  
 UserId="1330" --> Word Count (63)  
 UserId="69437" --> Word Count (37)  
 UserId="69437" --> Word Count (17)  
 UserId="69437" --> Word Count (1)  
 UserId="59087" --> Word Count (11)  
 UserId="45726" Comment="Corrected spelling" --> Word Count (9)  
 UserId="21" --> Word Count (107)  
 UserId="21" --> Word Count (85)  
 UserId="60240" --> Word Count (98)  
 UserId="1330" --> Word Count (40)  
 UserId="61676" --> Word Count (74)  
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 UserId="59580" --> Word Count (16)  
 UserId="59580" --> Word Count (1)

UserId="41000" --> Word Count (33)  
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 UserId="69452" --> Word Count (134)  
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 UserId="69457" --> Word Count (1)  
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 UserId="49697" --> Word Count (32)  
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 UserId="69470" --> Word Count (145)  
 UserId="64596" --> Word Count (145)  
 UserId="52291" --> Word Count (80)  
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 UserId="42246" --> Word Count (1)  
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 UserId="69405" --> Word Count (109)  
 UserId="69405" --> Word Count (5)  
 UserId="69405" --> Word Count (1)  
 UserId="69412" --> Word Count (207)  
 UserId="69412" --> Word Count (9)  
 UserId="69412" --> Word Count (1)  
 UserId="64651" --> Word Count (59)  
 UserId="64651" --> Word Count (5)  
 UserId="64651" --> Word Count (1)  
 UserId="45726" Comment="Corrected spelling" --> Word Count (22)  
 UserId="50519" Comment="Typos fixed" --> Word Count (142)  
 UserId="64596" Comment="Typos fixed" --> Word Count (145)  
 UserId="67605" --> Word Count (38)  
 UserId="67605" --> Word Count (16)  
 UserId="67605" --> Word Count (1)  
 UserId="67328" --> Word Count (181)  
 UserId="26394" --> Word Count (140)  
 UserId="67328" Comment="Wording improved" --> Word Count (181)  
 UserId="29173" --> Word Count (49)  
 UserId="69481" --> Word Count (255)  
 UserId="69481" --> Word Count (12)

UserId="69481" --> Word Count (1)  
 UserId="69484" --> Word Count (27)  
 UserId="69484" --> Word Count (10)  
 UserId="69484" --> Word Count (1)  
 UserId="67605" Comment="added 846 characters in body" --> Word Count (88)  
 UserId="29173" --> Word Count (73)  
 UserId="67605" Comment="deleted 8 characters in body" --> Word Count (84)  
 UserId="69484" Comment="added 169 characters in body" --> Word Count (53)  
 UserId="69484" --> Word Count (33)  
 UserId="65019" --> Word Count (104)  
 UserId="65019" --> Word Count (8)  
 UserId="65019" --> Word Count (1)  
 UserId="68230" --> Word Count (171)  
 UserId="69487" --> Word Count (205)  
 UserId="69487" --> Word Count (10)  
 UserId="69487" --> Word Count (1)  
 UserId="69488" --> Word Count (94)  
 UserId="69488" --> Word Count (12)  
 UserId="69488" --> Word Count (1)  
 UserId="68692" Comment="deleted 1 character in body" --> Word Count (114)  
 UserId="69412" --> Word Count (238)  
 UserId="23240" --> Word Count (31)  
 UserId="69493" --> Word Count (55)  
 UserId="66252" --> Word Count (268)  
 UserId="66252" --> Word Count (8)  
 UserId="66252" --> Word Count (1)  
 UserId="30153" --> Word Count (13)  
 UserId="30153" --> Word Count (4)  
 UserId="30153" --> Word Count (1)  
 UserId="67328" --> Word Count (243)  
 UserId="67328" Comment="Wording improved" --> Word Count (244)  
 UserId="14145" --> Word Count (40)  
 UserId="14145" --> Word Count (19)  
 UserId="14145" --> Word Count (1)  
 UserId="67328" Comment="Formatting" --> Word Count (245)  
 UserId="33279" --> Word Count (557)  
 UserId="33279" --> Word Count (9)  
 UserId="33279" --> Word Count (1)  
 UserId="33279" Comment="edited body" --> Word Count (572)  
 UserId="67328" --> Word Count (81)  
 UserId="69501" --> Word Count (129)  
 UserId="69501" --> Word Count (7)  
 UserId="69501" --> Word Count (1)  
 UserId="33279" Comment="added 172 characters in body" --> Word Count (594)  
 UserId="68908" --> Word Count (454)  
 UserId="23240" --> Word Count (205)  
 UserId="67782" --> Word Count (90)  
 UserId="67782" --> Word Count (12)

UserId="67782" --> Word Count (1)  
 UserId="49601" --> Word Count (234)  
 UserId="67328" --> Word Count (146)  
 UserId="58135" --> Word Count (118)  
 UserId="67328" --> Word Count (63)  
 UserId="45264" --> Word Count (128)  
 UserId="51812" --> Word Count (82)  
 UserId="69484" Comment="deleted 52 characters in body" --> Word Count (24)  
 UserId="67328" Comment="Explanation improved" --> Word Count (64)  
 UserId="67328" Comment="Explanation improved" --> Word Count (249)  
 UserId="67328" Comment="Explanation improved" --> Word Count (261)  
 UserId="58135" --> Word Count (77)  
 UserId="69484" --> Word Count (21)  
 UserId="62873" --> Word Count (147)  
 UserId="67328" --> Word Count (19)  
 UserId="69484" --> Word Count (79)  
 UserId="67328" Comment="Formatting" --> Word Count (174)  
 UserId="69511" --> Word Count (124)  
 UserId="69511" --> Word Count (4)  
 UserId="69511" --> Word Count (1)  
 UserId="14582" --> Word Count (134)  
 UserId="14582" --> Word Count (13)  
 UserId="14582" --> Word Count (1)  
 UserId="66974" --> Word Count (491)  
 UserId="66974" --> Word Count (9)  
 UserId="66974" --> Word Count (1)  
 UserId="68260" --> Word Count (84)  
 UserId="69515" --> Word Count (349)  
 UserId="69515" --> Word Count (8)  
 UserId="69515" --> Word Count (1)  
 UserId="1330" --> Word Count (83)  
 UserId="1330" --> Word Count (10)  
 UserId="1330" --> Word Count (1)  
 UserId="1330" Comment="edited title" --> Word Count (11)  
 UserId="67328" --> Word Count (290)  
 UserId="67328" Comment="Correction" --> Word Count (292)  
 UserId="67328" Comment="Explanation improved" --> Word Count (324)  
 UserId="67328" Comment="Explanation improved" --> Word Count (215)  
 UserId="67328" Comment="Wording improved" --> Word Count (323)  
 UserId="67328" Comment="Explanation improved" --> Word Count (329)  
 UserId="67328" Comment="Wor" --> Word Count (328)  
 UserId="1330" Comment="added 81 characters in body" --> Word Count (88)  
 UserId="23240" --> Word Count (131)  
 UserId="67328" Comment="Correction" --> Word Count (260)  
 UserId="45726" --> Word Count (20)  
 UserId="62386" --> Word Count (36)  
 UserId="62386" --> Word Count (7)  
 UserId="62386" --> Word Count (1)

UserId="59087" Comment="added 490 characters in body" --> Word Count (87)  
 UserId="67328" Comment="Wording improved" --> Word Count (438)  
 UserId="67328" Comment="Explanation improved" --> Word Count (438)  
 UserId="67328" Comment="Wording improved" --> Word Count (435)  
 UserId="67328" Comment="Wording improved" --> Word Count (439)  
 UserId="67328" Comment="Wording improved" --> Word Count (440)  
 UserId="1330" Comment="added 72 characters in body" --> Word Count (92)  
 UserId="41000" Comment="added 676 characters in body" --> Word Count (146)  
 UserId="68230" --> Word Count (89)  
 UserId="60971" --> Word Count (390)  
 UserId="60971" --> Word Count (12)  
 UserId="60971" --> Word Count (1)  
 UserId="-1" Comment="MInor Modifications in grammar + Major modifications in sentence rearrangement(define dataset and then the operation)" --> Word Count (85)  
 UserId="-1" Comment="MInor Modifications in grammar + Major modifications in sentence rearrangement(define dataset and then the operation)" --> Word Count (10)  
 UserId="40305" Comment="spelling error" --> Word Count (265)  
 UserId="-1" Comment="Minor modifications + tags changed" --> Word Count (575)  
 UserId="-1" Comment="Minor modifications + tags changed" --> Word Count (1)  
 UserId="64760" --> Word Count (269)  
 UserId="60971" Comment="edited tags" --> Word Count (1)  
 UserId="61756" --> Word Count (168)  
 UserId="61756" --> Word Count (9)  
 UserId="61756" --> Word Count (1)  
 UserId="69528" --> Word Count (393)  
 UserId="69528" --> Word Count (6)  
 UserId="69528" --> Word Count (1)  
 UserId="11097" Comment="103" --> Word Count (3)  
 UserId="26394" Comment="added" --> Word Count (293)  
 UserId="69530" --> Word Count (36)  
 UserId="69530" --> Word Count (8)  
 UserId="69530" --> Word Count (1)  
 UserId="41771" --> Word Count (170)  
 UserId="68023" --> Word Count (174)  
 UserId="26394" Comment="added 10 characters in body" --> Word Count (293)  
 UserId="67328" Comment="Sections re-ordered" --> Word Count (439)  
 UserId="67328" Comment="Explanation improved" --> Word Count (461)  
 UserId="53812" --> Word Count (180)  
 UserId="67328" Comment="Explanation improved" --> Word Count (461)  
 UserId="64596" --> Word Count (249)  
 UserId="58006" --> Word Count (22)  
 UserId="58006" --> Word Count (9)  
 UserId="58006" --> Word Count (1)  
 UserId="69535" --> Word Count (206)  
 UserId="69535" --> Word Count (16)  
 UserId="69535" --> Word Count (1)

UserId="64596" --> Word Count (131)  
UserId="69538" --> Word Count (92)  
UserId="69538" --> Word Count (12)  
UserId="69538" --> Word Count (1)  
UserId="69538" Comment="added training sample" --> Word Count (103)  
UserId="67328" Comment="Explanation improved" --> Word Count (475)  
UserId="58006" Comment="added 474 characters in body" --> Word Count (85)  
UserId="69538" Comment="added 189 characters in body" --> Word Count (123)  
UserId="69515" Comment="added 622 characters in body" --> Word Count (430)  
UserId="61904" --> Word Count (100)  
UserId="61904" --> Word Count (3)  
UserId="61904" --> Word Count (1)  
UserId="65019" Comment="deleted 213 characters in body" --> Word Count (73)  
UserId="67757" --> Word Count (50)  
UserId="67757" --> Word Count (5)  
UserId="67757" --> Word Count (1)  
UserId="69515" Comment="added 27 characters in body" --> Word Count (432)  
UserId="69515" Comment="added 27 characters in body" --> Word Count (449)  
UserId="64596" --> Word Count (70)  
UserId="69543" --> Word Count (159)  
UserId="69543" --> Word Count (6)  
UserId="69543" --> Word Count (1)  
UserId="45177" --> Word Count (58)  
UserId="45177" --> Word Count (8)  
UserId="45177" --> Word Count (1)  
UserId="69544" --> Word Count (152)  
UserId="69544" --> Word Count (6)  
UserId="69544" --> Word Count (1)  
UserId="45177" Comment="edited title" --> Word Count (8)  
UserId="66177" --> Word Count (93)  
UserId="66177" --> Word Count (6)  
UserId="66177" --> Word Count (1)  
UserId="69546" --> Word Count (186)  
UserId="69546" --> Word Count (2)  
UserId="69546" --> Word Count (1)  
UserId="50795" --> Word Count (171)  
UserId="50795" --> Word Count (11)  
UserId="50795" --> Word Count (1)  
UserId="-1" Comment="103" --> Word Count (4)  
UserId="69484" Comment="deleted 41 characters in body" --> Word Count (45)  
UserId="64596" Comment="added 80 characters in body" --> Word Count (134)  
UserId="64596" --> Word Count (138)  
UserId="2523" Comment="Copy edited. Removed meta information (this belongs in comments).\" --> Word Count (124)  
UserId="2523" Comment="Copy edited. Removed meta information (this belongs in comments).\" --> Word Count (14)  
UserId="23240" --> Word Count (108)  
UserId="68136" --> Word Count (224)



UserId="68136" --> Word Count (11)  
 UserId="68136" --> Word Count (1)  
 UserId="68230" --> Word Count (47)  
 UserId="3594" Comment="grammar" --> Word Count (119)  
 UserId="3594" Comment="grammar" --> Word Count (5)  
 UserId="3594" Comment="grammar" --> Word Count (1)  
 UserId="67328" Comment="Wording improved" --> Word Count (371)  
 UserId="67328" Comment="Explanation improved" --> Word Count (375)  
 UserId="68136" Comment="added 132 characters in body" --> Word Count (246)  
 UserId="68136" Comment="edited tags" --> Word Count (1)  
 UserId="67328" Comment="Wording improved" --> Word Count (378)  
 UserId="60530" Comment="improved formatting" --> Word Count (162)  
 UserId="60530" Comment="improved formatting" --> Word Count (12)  
 UserId="64596" --> Word Count (110)  
 UserId="64596" --> Word Count (261)  
 UserId="53812" Comment="added 1 character in body" --> Word Count (166)  
 UserId="64596" Comment="typo error fixed" --> Word Count (254)  
 UserId="924" --> Word Count (54)  
 UserId="67328" Comment="Wording improved" --> Word Count (477)  
 UserId="17283" --> Word Count (456)  
 UserId="17283" --> Word Count (4)  
 UserId="17283" --> Word Count (1)  
 UserId="23240" Comment="spacing and grammar changes" --> Word Count (46)  
 UserId="43077" Comment="edited title" --> Word Count (7)  
 UserId="43077" Comment="edited title" --> Word Count (512)  
 UserId="54221" --> Word Count (50)  
 UserId="54221" --> Word Count (11)  
 UserId="54221" --> Word Count (1)  
 UserId="67328" Comment="Typo" --> Word Count (381)  
 UserId="68639" --> Word Count (307)  
 UserId="68639" --> Word Count (9)  
 UserId="68639" --> Word Count (1)  
 UserId="58209" --> Word Count (544)  
 UserId="58209" --> Word Count (7)  
 UserId="58209" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (456)  
 UserId="67328" Comment="Explanation improved" --> Word Count (463)  
 UserId="67328" Comment="Explanation improved" --> Word Count (466)  
 UserId="68639" Text="Found a fantastic answer [here][1] that avoids high-level black box libraries. &#xD;&#xA;&#xD;&#xA;Essentially, numerical floats are categorized into bins based on boundary values. --> Word Count (55)  
 UserId="69471" --> Word Count (212)  
 UserId="69471" --> Word Count (8)  
 UserId="69471" --> Word Count (1)  
 UserId="68639" Comment="deleted 20 characters in body" Text="Found a fantastic answer [here][1] that avoids high-level black box libraries. &#xD;&#xA;&#xD;&#xA;Essentially, numerical floats are categorized into bins based on boundary values which are determined by their distribution. --> Word

Count (43)

UserId="69577" --> Word Count (110)  
 UserId="69577" --> Word Count (4)  
 UserId="69577" --> Word Count (1)  
 UserId="67423" --> Word Count (149)  
 UserId="67423" --> Word Count (8)  
 UserId="67423" --> Word Count (1)  
 UserId="23803" --> Word Count (105)  
 UserId="23803" --> Word Count (5)  
 UserId="23803" --> Word Count (1)  
 UserId="21" Comment="101" --> Word Count (5)  
 UserId="21" Comment="105" --> Word Count (2)  
 UserId="66177" Comment="edited tags" --> Word Count (1)  
 UserId="69277" --> Word Count (65)  
 UserId="69277" --> Word Count (3)  
 UserId="69277" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="23240" Comment="edited tags" --> Word Count (1)  
 UserId="23240" Comment="deleted 1 character in body; edited tags" --> Word Count (211)  
 UserId="23240" Comment="deleted 1 character in body; edited tags" --> Word Count (1)  
 UserId="23240" Comment="edited tags" --> Word Count (1)  
 UserId="23240" Comment="edited tags" --> Word Count (1)  
 UserId="68136" Comment="added 114 characters in body" --> Word Count (253)  
 UserId="49967" --> Word Count (92)  
 UserId="49967" --> Word Count (7)  
 UserId="49967" --> Word Count (1)  
 UserId="65323" --> Word Count (115)  
 UserId="65323" --> Word Count (62)  
 UserId="17283" --> Word Count (1146)  
 UserId="49967" Comment="added 31 characters in body; edited title" --> Word Count (99)  
 UserId="49967" Comment="added 31 characters in body; edited title" --> Word Count (11)  
 UserId="69590" --> Word Count (576)  
 UserId="69590" --> Word Count (12)  
 UserId="69590" --> Word Count (1)  
 UserId="49967" Comment="Added an assumption to better express my question." --> Word Count (120)  
 UserId="37330" --> Word Count (126)  
 UserId="62759" --> Word Count (15)  
 UserId="62759" --> Word Count (16)  
 UserId="62759" --> Word Count (1)  
 UserId="41771" Text="There are two options :&#xD;&#xA;&#xD;&#xA; 1. Scan the images with a higher DPI. This should accentuate vertical separation between paragraphs. &#xD;&#xA; 2. Train a Deep learning model for" --> Word Count (9)

UserId="41771" --> Word Count (58)  
 UserId="7812" --> Word Count (49)  
 UserId="7812" --> Word Count (2)  
 UserId="7812" --> Word Count (1)  
 UserId="23240" Comment="deleted 1 character in body; edited tags" --> Word Count (49)  
 UserId="23240" Comment="deleted 1 character in body; edited tags" --> Word Count (1)  
 UserId="69557" --> Word Count (117)  
 UserId="69557" --> Word Count (6)  
 UserId="69557" --> Word Count (1)  
 UserId="33279" --> Word Count (59)  
 UserId="33279" --> Word Count (8)  
 UserId="33279" --> Word Count (1)  
 UserId="68034" --> Word Count (80)  
 UserId="68034" --> Word Count (9)  
 UserId="68034" --> Word Count (1)  
 UserId="28175" --> Word Count (119)  
 UserId="28175" Comment="added 8 characters in body; edited tags; edited title" --> Word Count (61)  
 UserId="28175" Comment="added 8 characters in body; edited tags; edited title" --> Word Count (11)  
 UserId="28175" Comment="added 8 characters in body; edited tags; edited title" --> Word Count (1)  
 UserId="66974" --> Word Count (81)  
 UserId="66974" --> Word Count (3)  
 UserId="66974" --> Word Count (1)  
 UserId="52291" --> Word Count (31)  
 UserId="63304" --> Word Count (131)  
 UserId="63304" --> Word Count (9)  
 UserId="63304" --> Word Count (1)  
 UserId="52291" Comment="Explained a bit further" --> Word Count (68)  
 UserId="60292" --> Word Count (197)  
 UserId="69557" Comment="added 323 characters in body" --> Word Count (183)  
 UserId="52291" --> Word Count (79)  
 UserId="60292" --> Word Count (197)  
 UserId="67755" --> Word Count (621)  
 UserId="67755" --> Word Count (13)  
 UserId="67755" --> Word Count (1)  
 UserId="69089" --> Word Count (64)  
 UserId="67328" --> Word Count (78)  
 UserId="54252" --> Word Count (150)  
 UserId="54252" --> Word Count (13)  
 UserId="54252" --> Word Count (1)  
 UserId="67328" Comment="Wording improved" --> Word Count (84)  
 UserId="26019" Comment="edited body" --> Word Count (71)  
 UserId="67328" Comment="Wording improved" --> Word Count (85)  
 UserId="67328" Comment="Explanation improved" --> Word Count (119)

UserId="54252" Comment="edited tags" --> Word Count (1)  
UserId="17356" --> Word Count (835)  
UserId="17356" --> Word Count (5)  
UserId="17356" --> Word Count (1)  
UserId="54252" Comment="edited tags" --> Word Count (154)  
UserId="54252" Comment="edited tags" --> Word Count (136)  
UserId="17356" Comment="added 8 characters in body" --> Word Count (835)  
UserId="64596" --> Word Count (5733)  
UserId="41771" --> Word Count (38)  
UserId="67755" Comment="added 62 characters in body" --> Word Count (632)  
UserId="67328" Comment="Explanation improved" --> Word Count (61)  
UserId="69606" --> Word Count (89)  
UserId="69606" --> Word Count (10)  
UserId="69606" --> Word Count (1)  
UserId="67328" Comment="Wording improved" --> Word Count (60)  
UserId="67328" Comment="explicit answer to question" --> Word Count (61)  
UserId="64651" --> Word Count (26)  
UserId="64651" --> Word Count (10)  
UserId="64651" --> Word Count (1)  
UserId="67328" Comment="Explanation improved" --> Word Count (149)  
UserId="67328" Comment="Wording improved" --> Word Count (149)  
UserId="64596" Comment="add a tag for the post" --> Word Count (1)  
UserId="67328" Comment="Wording improved" --> Word Count (150)  
UserId="69609" --> Word Count (176)  
UserId="69609" --> Word Count (10)  
UserId="69609" --> Word Count (1)  
UserId="67328" Comment="Formatting" --> Word Count (10)  
UserId="69610" --> Word Count (139)  
UserId="69610" --> Word Count (12)  
UserId="69610" --> Word Count (1)  
UserId="67328" Comment="Formatting" --> Word Count (81)  
UserId="56922" --> Word Count (99)  
UserId="56922" --> Word Count (7)  
UserId="56922" --> Word Count (1)  
UserId="1330" --> Word Count (104)  
UserId="55122" --> Word Count (224)  
UserId="67328" Comment="Formatting improved" --> Word Count (150)  
UserId="10372" --> Word Count (310)  
UserId="67328" Comment="Typo; added 9 characters in body" --> Word Count (149)  
UserId="69611" --> Word Count (6)  
UserId="67605" --> Word Count (56)  
UserId="67605" --> Word Count (11)  
UserId="67605" --> Word Count (1)  
UserId="17356" Comment="via Vote" --> Word Count (2)  
UserId="3314" --> Word Count (125)  
UserId="3314" --> Word Count (6)  
UserId="3314" --> Word Count (1)  
UserId="64596" --> Word Count (280)

UserId="28175" --> Word Count (283)  
 UserId="28175" Comment="added 13 characters in body; edited tags; edited title"  
 --> Word Count (55)  
 UserId="28175" Comment="added 13 characters in body; edited tags; edited title"  
 --> Word Count (17)  
 UserId="28175" Comment="added 13 characters in body; edited tags; edited title"  
 --> Word Count (1)  
 UserId="29812" --> Word Count (153)  
 UserId="29812" --> Word Count (13)  
 UserId="29812" --> Word Count (1)  
 UserId="29812" Comment="via Vote" --> Word Count (2)  
 UserId="29812" --> Word Count (2)  
 UserId="28175" Comment="added 9 characters in body" --> Word Count (284)  
 UserId="64596" Comment="added 19 characters in body" --> Word Count (5733)  
 UserId="64596" Comment="added 15 characters in body" --> Word Count (280)  
 UserId="64596" Comment="added 15 characters in body" --> Word Count (261)  
 UserId="28175" Comment="edited title" --> Word Count (17)  
 UserId="49456" --> Word Count (93)  
 UserId="49456" --> Word Count (13)  
 UserId="49456" --> Word Count (1)  
 UserId="29812" Comment="added 240 characters in body" --> Word Count (200)  
 UserId="3314" Comment="added 501 characters in body" --> Word Count (207)  
 UserId="17356" --> Word Count (2)  
 UserId="69614" --> Word Count (153)  
 UserId="69614" --> Word Count (19)  
 UserId="69614" --> Word Count (1)  
 UserId="54252" --> Word Count (89)  
 UserId="23240" Comment="formatted code" --> Word Count (10)  
 UserId="54252" Comment="via Vote" --> Word Count (1)  
 UserId="54252" --> Word Count (1)  
 UserId="54252" Comment="added 177 characters in body" --> Word Count (109)  
 UserId="52533" Comment="added 687 characters in body" --> Word Count (268)  
 UserId="69621" --> Word Count (40)  
 UserId="69621" --> Word Count (11)  
 UserId="69621" --> Word Count (1)  
 UserId="69452" --> Word Count (306)  
 UserId="69452" --> Word Count (4)  
 UserId="69452" --> Word Count (1)  
 UserId="69515" --> Word Count (90)  
 UserId="69471" Comment="added 17 characters in body" --> Word Count (211)  
 UserId="69452" Comment="deleted 470 characters in body" --> Word Count (226)  
 UserId="69391" --> Word Count (412)  
 UserId="69391" --> Word Count (15)  
 UserId="69391" --> Word Count (1)  
 UserId="69623" --> Word Count (53)  
 UserId="61043" --> Word Count (95)  
 UserId="924" --> Word Count (186)  
 UserId="25180" Comment="typos corrected" --> Word Count (1262)

UserId="69628" --> Word Count (86)  
 UserId="37330" --> Word Count (53)  
 UserId="67328" --> Word Count (212)  
 UserId="67328" Comment="added 311 characters in body" --> Word Count (263)  
 UserId="67328" Comment="Explanation improved" --> Word Count (315)  
 UserId="67328" Comment="Explanation improved" --> Word Count (337)  
 UserId="67328" Comment="Explanation improved" --> Word Count (335)  
 UserId="67328" Comment="Explanation improved" --> Word Count (339)  
 UserId="59384" --> Word Count (37)  
 UserId="59384" --> Word Count (11)  
 UserId="59384" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (358)  
 UserId="67328" Comment="Explanation improved" --> Word Count (307)  
 UserId="67328" Comment="Explanation improved" --> Word Count (362)  
 UserId="67328" Comment="Typo" --> Word Count (363)  
 UserId="67328" Comment="added 2 characters in body" --> Word Count (364)  
 UserId="69630" --> Word Count (1533)  
 UserId="69630" --> Word Count (11)  
 UserId="69630" --> Word Count (1)  
 UserId="66736" --> Word Count (45)  
 UserId="66736" --> Word Count (7)  
 UserId="66736" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (370)  
 UserId="67328" Comment="Wording improved" --> Word Count (352)  
 UserId="67328" Comment="Wording improved" --> Word Count (498)  
 UserId="67328" Comment="Wording improved" --> Word Count (355)  
 UserId="69569" --> Word Count (36)  
 UserId="67328" Comment="Wording improved" --> Word Count (358)  
 UserId="67328" Comment="Typo" --> Word Count (498)  
 UserId="69481" --> Word Count (328)  
 UserId="69481" --> Word Count (10)  
 UserId="69481" --> Word Count (1)  
 UserId="69633" --> Word Count (433)  
 UserId="69633" --> Word Count (14)  
 UserId="69633" --> Word Count (1)  
 UserId="25180" Comment="typo corrected" --> Word Count (229)  
 UserId="53357" Comment="corrected code indentation." --> Word Count (280)  
 UserId="64596" Comment="edit some typo mistakes" --> Word Count (99)  
 UserId="26394" Comment="edited" --> Word Count (280)  
 UserId="67328" --> Word Count (421)  
 UserId="69634" --> Word Count (128)  
 UserId="26394" --> Word Count (302)  
 UserId="68247" --> Word Count (91)  
 UserId="68247" --> Word Count (4)  
 UserId="68247" --> Word Count (1)  
 UserId="33517" --> Word Count (106)  
 UserId="33517" --> Word Count (46)  
 UserId="69277" --> Word Count (65)

UserId="69277" --> Word Count (3)  
 UserId="69277" --> Word Count (1)  
 UserId="61445" --> Word Count (185)  
 UserId="61445" --> Word Count (7)  
 UserId="61445" --> Word Count (1)  
 UserId="-1" Comment="103" --> Word Count (4)  
 UserId="61445" --> Word Count (73)  
 UserId="69644" --> Word Count (111)  
 UserId="69644" --> Word Count (10)  
 UserId="69644" --> Word Count (1)  
 UserId="924" --> Word Count (118)  
 UserId="67328" Comment="Correction" --> Word Count (421)  
 UserId="23240" Comment="edited tags" --> Word Count (1)  
 UserId="69646" --> Word Count (41)  
 UserId="69646" --> Word Count (8)  
 UserId="69646" --> Word Count (1)  
 UserId="69646" Comment="added 130 characters in body" --> Word Count (64)  
 UserId="67328" Comment="Wording improved" --> Word Count (414)  
 UserId="23240" --> Word Count (47)  
 UserId="23240" Comment="edited tags; edited title" --> Word Count (3)  
 UserId="23240" Comment="edited tags; edited title" --> Word Count (1)  
 UserId="38892" --> Word Count (24)  
 UserId="38892" Comment="deleted 20 characters in body" --> Word Count (59)  
 UserId="69646" Comment="clarify question title to say  $y_{\hat{}}$  had sigmoid applied to it" --> Word Count (10)  
 UserId="65133" --> Word Count (48)  
 UserId="65133" --> Word Count (7)  
 UserId="65133" --> Word Count (1)  
 UserId="23240" Comment="deleted 2 characters in body" --> Word Count (48)  
 UserId="23240" Comment="added 4 characters in body" --> Word Count (112)  
 UserId="23240" Comment="deleted 3 characters in body" --> Word Count (184)  
 UserId="23240" Comment="added 10 characters in body" --> Word Count (93)  
 UserId="61445" --> Word Count (198)  
 UserId="61445" --> Word Count (7)  
 UserId="61445" --> Word Count (1)  
 UserId="23240" Comment="edited title" --> Word Count (16)  
 UserId="23240" Comment="edited title" --> Word Count (11)  
 UserId="67993" --> Word Count (44)  
 UserId="67993" --> Word Count (17)  
 UserId="67993" --> Word Count (1)  
 UserId="61445" Comment="Title made more clear" --> Word Count (12)  
 UserId="69569" --> Word Count (40)  
 UserId="69651" --> Word Count (137)  
 UserId="69651" --> Word Count (9)  
 UserId="69651" --> Word Count (1)  
 UserId="69653" --> Word Count (104)  
 UserId="69653" --> Word Count (9)  
 UserId="69653" --> Word Count (1)

UserId="69651" Comment="added 333 characters in body" --> Word Count (193)  
 UserId="69634" --> Word Count (76)  
 UserId="69634" --> Word Count (61)  
 UserId="69646" --> Word Count (65)  
 UserId="69646" --> Word Count (12)  
 UserId="69646" --> Word Count (1)  
 UserId="69481" Comment="added 182 characters in body" --> Word Count (358)  
 UserId="52089" Comment="added 17 characters in body" --> Word Count (50)  
 UserId="52089" Comment="added 17 characters in body" --> Word Count (8)  
 UserId="69644" Comment="edited body" --> Word Count (112)  
 UserId="67328" --> Word Count (59)  
 UserId="67328" Comment="Explanation improved" --> Word Count (421)  
 UserId="67328" Comment="added 157 characters in body; added 45 characters in body" --> Word Count (450)  
 UserId="52089" --> Word Count (215)  
 UserId="67328" Comment="added 402 characters in body" --> Word Count (509)  
 UserId="52089" Comment="added 27 characters in body" --> Word Count (219)  
 UserId="67328" Comment="deleted 2 characters in body" --> Word Count (509)  
 UserId="67328" Comment="Wording improved" --> Word Count (523)  
 UserId="67328" Comment="Explanation improved" --> Word Count (565)  
 UserId="67328" Comment="added 1 character in body" --> Word Count (565)  
 UserId="65323" --> Word Count (184)  
 UserId="69668" --> Word Count (54)  
 UserId="69668" --> Word Count (4)  
 UserId="69668" --> Word Count (1)  
 UserId="67328" --> Word Count (50)  
 UserId="67328" Comment="added 13 characters in body; deleted 21 characters in body" --> Word Count (57)  
 UserId="64596" Comment="typo errors fixed" --> Word Count (104)  
 UserId="64596" Comment="typo errors fixed" --> Word Count (10)  
 UserId="69653" Comment="edited title" --> Word Count (10)  
 UserId="67328" Comment="added 400 characters in body" --> Word Count (78)  
 UserId="67328" Comment="deleted 8 characters in body" --> Word Count (49)  
 UserId="67328" Comment="Explanation improved" --> Word Count (66)  
 UserId="64795" --> Word Count (93)  
 UserId="64795" --> Word Count (9)  
 UserId="64795" --> Word Count (1)  
 UserId="67328" Comment="Formatting" --> Word Count (66)  
 UserId="64596" Comment="typo errors fixed" --> Word Count (110)  
 UserId="60292" Comment="Improved formatting " --> Word Count (92)  
 UserId="15115" --> Word Count (37)  
 UserId="15115" --> Word Count (5)  
 UserId="15115" --> Word Count (1)  
 UserId="67328" Comment="Wording improved" --> Word Count (96)  
 UserId="69670" --> Word Count (78)  
 UserId="69670" --> Word Count (16)  
 UserId="69670" --> Word Count (1)  
 UserId="67328" Comment="added 4 characters in body; added 9 characters in body"



--> Word Count (100)

UserId="67328" Comment="deleted 70 characters in body" --> Word Count (91)

UserId="67328" Comment="Message removed" --> Word Count (551)

UserId="67328" --> Word Count (64)

UserId="67328" Comment="Explanation improved" --> Word Count (100)

UserId="67328" Comment="Explanation improved" --> Word Count (100)

UserId="69671" --> Word Count (83)

UserId="69671" --> Word Count (6)

UserId="69671" --> Word Count (1)

UserId="67328" --> Word Count (197)

UserId="67328" Comment="Explanation improved" --> Word Count (235)

UserId="33517" Comment="added 127 characters in body" --> Word Count (54)

UserId="67328" Comment="Explanation improved; added 8 characters in body" --> Word Count (298)

UserId="51670" --> Word Count (67)

UserId="51670" --> Word Count (8)

UserId="51670" --> Word Count (1)

UserId="10372" --> Word Count (379)

UserId="67328" Comment="edited body" --> Word Count (91)

UserId="67328" Comment="Explanation improved" --> Word Count (330)

UserId="67328" Comment="Correction; added 33 characters in body; deleted 14 characters in body" --> Word Count (384)

UserId="67328" Comment="Explanation improved; added 5 characters in body; deleted 2 characters in body; deleted 2 characters in body; added 6 characters in body" --> Word Count (415)

UserId="67328" Comment="deleted 4 characters in body; added 25 characters in body" --> Word Count (417)

UserId="67328" Comment="added 3 characters in body" --> Word Count (417)

UserId="69670" --> Word Count (314)

UserId="67328" Comment="Correction" --> Word Count (417)

UserId="67328" Comment="Explanation improved" --> Word Count (117)

UserId="65323" --> Word Count (192)

UserId="67328" Comment="added 5 characters in body" --> Word Count (499)

UserId="67328" Comment="deleted 26 characters in body" --> Word Count (496)

UserId="23240" Comment="added 134 characters in body" --> Word Count (24)

UserId="21" Comment="104" --> Word Count (2)

UserId="21" Comment="105" --> Word Count (4)

UserId="21" Comment="101" --> Word Count (4)

UserId="67328" Comment="added 64 characters in body" --> Word Count (505)

UserId="67328" Comment="Wording improved" --> Word Count (416)

UserId="67328" Comment="Explanation improved" --> Word Count (571)

UserId="10285" --> Word Count (126)

UserId="10285" --> Word Count (13)

UserId="10285" --> Word Count (1)

UserId="28175" Comment="added 103 characters in body" --> Word Count (123)

UserId="69685" --> Word Count (111)

UserId="69685" --> Word Count (3)

UserId="69685" --> Word Count (1)

UserId="69686" --> Word Count (41)  
 UserId="69686" --> Word Count (4)  
 UserId="69686" --> Word Count (1)  
 UserId="68778" --> Word Count (49)  
 UserId="10285" Comment="added 1 character in body" --> Word Count (126)  
 UserId="69686" --> Word Count (36)  
 UserId="69686" --> Word Count (5)  
 UserId="69686" --> Word Count (1)  
 UserId="10285" Comment="added 583 characters in body" --> Word Count (232)  
 UserId="69169" --> Word Count (127)  
 UserId="26917" Comment="Formatted the code" --> Word Count (77)  
 UserId="33517" Comment="Graphs is underrepresented and this is about a graph model" --> Word Count (1)  
 UserId="69646" Comment="added 162 characters in body" --> Word Count (91)  
 UserId="69689" --> Word Count (122)  
 UserId="69689" --> Word Count (11)  
 UserId="69689" --> Word Count (1)  
 UserId="69646" --> Word Count (286)  
 UserId="69690" --> Word Count (46)  
 UserId="69690" --> Word Count (6)  
 UserId="69690" --> Word Count (1)  
 UserId="69646" Comment="added 78 characters in body" --> Word Count (304)  
 UserId="43077" --> Word Count (188)  
 UserId="43077" --> Word Count (11)  
 UserId="43077" --> Word Count (1)  
 UserId="43077" Comment="added 42 characters in body" --> Word Count (195)  
 UserId="43077" Comment="added 58 characters in body" --> Word Count (205)  
 UserId="68313" --> Word Count (36)  
 UserId="68313" --> Word Count (6)  
 UserId="68313" --> Word Count (1)  
 UserId="29169" Comment="Added phrasing clarity and corrected capitalization issues." --> Word Count (48)  
 UserId="65133" --> Word Count (75)  
 UserId="65133" --> Word Count (11)  
 UserId="65133" --> Word Count (1)  
 UserId="64596" --> Word Count (154)  
 UserId="53357" --> Word Count (160)  
 UserId="53357" --> Word Count (117)  
 UserId="64596" Comment="improve the answer" --> Word Count (127)  
 UserId="69646" --> Word Count (171)  
 UserId="69646" --> Word Count (8)  
 UserId="69646" --> Word Count (1)  
 UserId="44456" Comment="tiny changes" --> Word Count (83)  
 UserId="69646" Comment="added 536 characters in body" --> Word Count (259)  
 UserId="29169" Comment="Edited question formatting to make it easier to read." --> Word Count (131)  
 UserId="67328" Comment="Edited question formatting to make it easier to read." --> Word Count (131)

UserId="62938" --> Word Count (72)  
UserId="62938" --> Word Count (12)  
UserId="62938" --> Word Count (1)  
UserId="69646" Comment="added 246 characters in body" --> Word Count (303)  
UserId="29169" Comment="Corrected phrasing." --> Word Count (39)  
UserId="64596" Comment="added 132 characters in body" --> Word Count (121)  
UserId="69169" --> Word Count (70)  
UserId="8409" --> Word Count (106)  
UserId="8409" --> Word Count (5)  
UserId="8409" --> Word Count (1)  
UserId="67328" Comment="Wording improved; added 4 characters in body; deleted 4 characters in body" --> Word Count (118)  
UserId="69169" Comment="Removed irrelevant information to the main question." --> Word Count (171)  
UserId="8409" Comment="added details" --> Word Count (112)  
UserId="64596" --> Word Count (48)  
UserId="8409" Comment="added details" --> Word Count (1)  
UserId="50833" --> Word Count (106)  
UserId="15115" Comment="edited tags" --> Word Count (1)  
UserId="67328" --> Word Count (91)  
UserId="38892" --> Word Count (38)  
UserId="38892" Comment="added 2 characters in body" --> Word Count (112)  
UserId="69670" --> Word Count (221)  
UserId="69702" --> Word Count (246)  
UserId="69702" --> Word Count (4)  
UserId="69702" --> Word Count (1)  
UserId="58209" Comment="added 1 character in body" --> Word Count (544)  
UserId="38892" --> Word Count (62)  
UserId="38892" Comment="added 39 characters in body" --> Word Count (252)  
UserId="67328" --> Word Count (108)  
UserId="67328" Comment="added 115 characters in body; added 11 characters in body; added 15 characters in body" --> Word Count (134)  
UserId="67328" Comment="added 388 characters in body" --> Word Count (170)  
UserId="67328" Comment="added 409 characters in body; deleted 10 characters in body; added 3 characters in body; deleted 1 character in body; deleted 4 characters in body" --> Word Count (206)  
UserId="67328" Comment="Explanation improved" --> Word Count (224)  
UserId="67328" Comment="Wording improved" --> Word Count (241)  
UserId="67328" Comment="added 2 characters in body; added 117 characters in body" --> Word Count (260)  
UserId="67328" Comment="added 5 characters in body" --> Word Count (261)  
UserId="69706" --> Word Count (87)  
UserId="69706" --> Word Count (6)  
UserId="69706" --> Word Count (1)  
UserId="69670" Comment="added 2415 characters in body" --> Word Count (544)  
UserId="67328" Comment="Explanation improved; added 1 character in body; added 11 characters in body" --> Word Count (274)  
UserId="69670" Comment="deleted 1 character in body" --> Word Count (547)

UserId="69670" Comment="added 48 characters in body" --> Word Count (565)  
 UserId="67328" Comment="Title better reflecting the question, better question format" --> Word Count (7)  
 UserId="69670" Comment="added 48 characters in body" --> Word Count (566)  
 UserId="67328" Comment="Formatting" --> Word Count (92)  
 UserId="26917" --> Word Count (223)  
 UserId="67328" Comment="Formatting" --> Word Count (277)  
 UserId="67328" Comment="Correction" --> Word Count (277)  
 UserId="17283" Comment="Adding See5 with C50" --> Word Count (6)  
 UserId="67328" Comment="Explanation improved" --> Word Count (276)  
 UserId="26917" Comment="Fixed typos and grammar" --> Word Count (50)  
 UserId="64760" --> Word Count (95)  
 UserId="67328" Comment="Correction" --> Word Count (277)  
 UserId="67328" Comment="Edit" --> Word Count (258)  
 UserId="69689" --> Word Count (196)  
 UserId="67328" Comment="Explanation improved" --> Word Count (259)  
 UserId="64760" --> Word Count (151)  
 UserId="67328" Comment="Wording improved" --> Word Count (260)  
 UserId="69715" Text="I have trained a linear regression model, with sklearn, for a 5 star rating and it's good enough. I have used Doc2vec to create my vectors, and saved that model. Then I save the linear regression model to another file. What I'm trying to do is load the Doc2vec model and linear regression model and try to predict another review.&#xD;&#xA;&#xD;&#xA;There is something very strange about this prediction: whatever the input it always predicts around 2.1-3.0.&#xD;&#xA;&#xD;&#xA;Thing is, I have a suggestion that it predicts around the average of 5 (which is 2.5 +/-) but this is not the case. I have printed when training the model the prediction value and the actual value of the test data and they range normally 1-5. So my idea is, that there is something wrong with the loading part of the code. This is my load code:&#xD;&#xA;&#xD;&#xA; from gensim.models.doc2vec import Doc2Vec, TaggedDocument&#xD;&#xA; from bs4 import BeautifulSoup&#xD;&#xA; from joblib import dump, load&#xD;&#xA; import pickle&#xD;&#xA; import re&#xD;&#xA; &#xD;&#xA; model = Doc2Vec.load('../vectors/750000/doc2vec\_model')&#xD;&#xA; &#xD;&#xA; def cleanText(text):&#xD;&#xA; text = BeautifulSoup(text, &quot;html&quot;).text&#xD;&#xA; text = re.sub(r'\\|\\|\\|', r' ', text)&#xD;&#xA; text = re.sub(r'http\S+', r'&lt;URL&gt;', text)&#xD;&#xA; text = re.sub(r'[^\\w\\s]', '', text)&#xD;&#xA; text = text.lower()&#xD;&#xA; text = text.replace('x', ' ')&#xD;&#xA; return text&#xD;&#xA; &#xD;&#xA; review = clean --> Word Count (64)  
 UserId="69715" --> Word Count (8)  
 UserId="69715" --> Word Count (1)  
 UserId="64876" --> Word Count (73)  
 UserId="64876" --> Word Count (7)  
 UserId="64876" --> Word Count (1)  
 UserId="69557" --> Word Count (75)  
 UserId="69557" --> Word Count (6)  
 UserId="69557" --> Word Count (1)

UserId="69715" Comment="deleted 2 characters in body" Text="I have trained a linear regression model, with sklearn, for a 5 star rating and it's good enough. I have used Doc2vec to create my vectors, and saved that model. Then I save the linear regression model to another file. What I'm trying to do is load the Doc2vec model and linear regression model and try to predict a new review.&#xD;&#xA;&#xD;&#xA;There is something very strange about this prediction: whatever the input it always predicts around 2.1-3.0.&#xD;&#xA;&#xD;&#xA;Thing is, I have a suggestion that it predicts around the average of 5 (which is 2.5 +/-) but this is not the case. I have printed when training the model the prediction value and the actual value of the test data and they range normally 1-5. So my idea is, that there is something wrong with the loading part of the code (or even the reshape of the new vector). This is my load code:&#xD;&#xA;&#xD;&#xA; from gensim.models.doc2vec import Doc2Vec, TaggedDocument&#xD;&#xA; from bs4 import BeautifulSoup&#xD;&#xA; from joblib import dump, load&#xD;&#xA; import pickle&#xD;&#xA; import re&#xD;&#xA; &#xD;&#xA; model = Doc2Vec.load('../vectors/750000/doc2vec\_model')&#xD;&#xA; &#xD;&#xA; def cleanText(text):&#xD;&#xA; text = BeautifulSoup(text, &quot;lxml&quot;).text&#xD;&#xA; text = re.sub(r'\\|\\|\\|', r' ', text)&#xD;&#xA; text = re.sub(r'http\S+', r'&lt;URL&gt;', text)&#xD;&#xA; text = re.sub(r'[^\\w\\s]', '', text)&#xD;&#xA; text = text.lower()&#xD;&#xA; text = text.replace('x', ' ')&#xD;&#xA; return text&#xD;&#xA; &#xD;&#xA; review = clean --> Word Count (64)

UserId="28175" --> Word Count (158)

UserId="28175" Comment="edited tags" --> Word Count (1)

UserId="69557" Comment="edited tags" --> Word Count (1)

UserId="67328" Comment="Explanation improved; added 2 characters in body" --> Word Count (434)

UserId="67328" Comment="added 13 characters in body; deleted 15 characters in body; deleted 2 characters in body" --> Word Count (433)

UserId="69644" --> Word Count (111)

UserId="69644" --> Word Count (10)

UserId="69644" --> Word Count (1)

<DELETE> --> Word Count (23)

UserId="67328" Comment="Explanation improved" --> Word Count (441)

UserId="58135" --> Word Count (64)

UserId="58135" Comment="added 171 characters in body" Text="If you have the vectors for your keywords, you can aggregate those to get the document vectors. The simplest(and probably one of the most effective) way is to average out your keyword vectors to form the document vector. Once you have the vectors for each of the documents, you can use similarity measures like cosine similarity to see how close your documents are. &#xA;&#xA;Edit: Another interesting point would be to evaluate how you are getting your word vectors. Please look at pretrained word embeddings like word2vec, Glove or Fast --> Word Count (2)

UserId="58135" Comment="added 173 characters in body" Text="If you have the vectors for your keywords, you can aggregate those to get the document vectors. The simplest(and probably one of the most effective) way is to average out your keyword vectors to form the document vector. Once you have the vectors for each

of the documents, you can use similarity measures like cosine similarity to see how close your documents are. &#xA;A typical example of such a method is this :&#xA;[! [Source: <https://www.slideshare.net/mobile/andrewkoo/word2vec-algorithm> ] [1]] [1]&#xA;&#xA;Edit: Another interesting point would be to evaluate how you are getting your word vectors. Please look at pretrained word embeddings like word2vec, Glove or Fast --> Word Count (5)

UserId="68089" --> Word Count (98)

UserId="68089" --> Word Count (6)

UserId="68089" --> Word Count (1)

UserId="68089" Comment="deleted 56 characters in body" --> Word Count (96)

UserId="67328" Comment="deleted 11 characters in body; deleted 3 characters in body; added 11 characters in body" --> Word Count (441)

UserId="67328" Comment="added 17 characters in body; added 8 characters in body" --> Word Count (446)

UserId="45264" Comment="Typo" --> Word Count (128)

UserId="69724" --> Word Count (182)

UserId="69724" --> Word Count (13)

UserId="69724" --> Word Count (1)

UserId="67328" Comment="Wording improved" --> Word Count (453)

UserId="67328" Comment="Explanation improved" --> Word Count (455)

UserId="53001" --> Word Count (113)

UserId="53001" --> Word Count (12)

UserId="53001" --> Word Count (1)

UserId="67328" Comment="[Edit removed during grace period]" --> Word Count (455)

UserId="67328" Comment="Correction" --> Word Count (463)

UserId="67328" Comment="Explanation improved" --> Word Count (462)

UserId="67328" Comment="Explanation improved" --> Word Count (467)

UserId="67328" Comment="Wording improved" --> Word Count (466)

UserId="67328" Comment="Explanation improved" --> Word Count (463)

UserId="67328" Comment="Wording improved" --> Word Count (467)

UserId="69727" --> Word Count (157)

UserId="69727" --> Word Count (8)

UserId="69727" --> Word Count (1)

UserId="67328" Comment="Explanation improved" --> Word Count (472)

UserId="67328" Comment="Explanation improved" --> Word Count (480)

UserId="67328" Comment="Formatting improved" --> Word Count (480)

UserId="67328" Comment="Better keyword. Latent variable and noise were used interchangeably in the GAN paper." --> Word Count (7)

UserId="67328" Comment="Wording improved" --> Word Count (486)

UserId="67328" Comment="Wording improved" --> Word Count (488)

UserId="67328" Comment="Explanation improved" --> Word Count (495)

UserId="67328" Comment="Wording improved" --> Word Count (493)

UserId="62846" Comment="edited title" Text="What is the difference between" --> Word Count (6)

UserId="43077" Comment="added 62 characters in body" --> Word Count (216)

UserId="41000" --> Word Count (22)

UserId="68089" Comment="deleted 2 characters in body" --> Word Count (96)

UserId="69538" --> Word Count (43)  
 UserId="69538" --> Word Count (10)  
 UserId="69538" --> Word Count (1)  
 UserId="71918" --> Word Count (19)  
 UserId="71918" --> Word Count (13)  
 UserId="71918" --> Word Count (1)  
 UserId="63237" --> Word Count (58)  
 UserId="63237" --> Word Count (5)  
 UserId="63237" --> Word Count (1)  
 UserId="15115" Comment="added 105 characters in body" --> Word Count (53)  
 UserId="67420" --> Word Count (330)  
 UserId="67420" --> Word Count (7)  
 UserId="67420" --> Word Count (1)  
 UserId="69743" --> Word Count (28)  
 UserId="69744" --> Word Count (337)  
 UserId="69744" --> Word Count (9)  
 UserId="69744" --> Word Count (1)  
 UserId="45603" --> Word Count (77)  
 UserId="45603" --> Word Count (12)  
 UserId="45603" --> Word Count (1)  
 UserId="40853" Comment="organised better" --> Word Count (361)  
 UserId="53357" --> Word Count (53)  
 UserId="53357" Comment="Added another method." --> Word Count (86)  
 UserId="65309" --> Word Count (1654)  
 UserId="65309" --> Word Count (7)  
 UserId="65309" --> Word Count (1)  
 UserId="65309" Comment="added 1 character in body" --> Word Count (1656)  
 UserId="65309" Comment="added 1 character in body" --> Word Count (1)  
 UserId="52291" --> Word Count (23)  
 UserId="69746" --> Word Count (143)  
 UserId="69746" --> Word Count (11)  
 UserId="69746" --> Word Count (1)  
 UserId="68980" --> Word Count (766)  
 UserId="68980" --> Word Count (9)  
 UserId="68980" --> Word Count (1)  
 UserId="69746" Comment="edited body" --> Word Count (143)  
 UserId="52089" --> Word Count (59)  
 UserId="23492" --> Word Count (245)  
 UserId="41771" --> Word Count (85)  
 UserId="41771" --> Word Count (15)  
 UserId="61417" --> Word Count (51)  
 UserId="61417" --> Word Count (7)  
 UserId="61417" --> Word Count (1)  
 UserId="69752" --> Word Count (64)  
 UserId="60105" --> Word Count (18)  
 UserId="60105" --> Word Count (6)  
 UserId="60105" --> Word Count (1)  
 UserId="50613" --> Word Count (80)

UserId="50613" --> Word Count (8)  
 UserId="50613" --> Word Count (1)  
 UserId="67328" --> Word Count (56)  
 UserId="42226" --> Word Count (274)  
 UserId="42226" --> Word Count (10)  
 UserId="42226" --> Word Count (1)  
 UserId="69269" --> Word Count (196)  
 UserId="69269" --> Word Count (42)  
 UserId="68980" Comment="Three `model.fit` is added for class weighted, samples weighted, and no weighting cases. " --> Word Count (792)  
 UserId="68980" Comment="added 9 characters in body" --> Word Count (796)  
 UserId="68980" Comment="added 9 characters in body" --> Word Count (11)  
 UserId="67328" --> Word Count (73)  
 UserId="53357" Comment="Answered query in comments." --> Word Count (196)  
 UserId="67328" --> Word Count (70)  
 UserId="69757" --> Word Count (61)  
 UserId="69757" --> Word Count (9)  
 UserId="69757" --> Word Count (1)  
 UserId="69758" --> Word Count (51)  
 UserId="69758" --> Word Count (9)  
 UserId="69758" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (74)  
 UserId="53357" Comment="added 2 characters in body" --> Word Count (196)  
 UserId="67328" Comment="Formatting" --> Word Count (48)  
 UserId="67328" Comment="Typo" --> Word Count (57)  
 UserId="60105" Comment="added 9 characters in body" --> Word Count (20)  
 UserId="28685" --> Word Count (73)  
 UserId="26019" Comment="edited body" --> Word Count (52)  
 UserId="67328" Comment="Improved the paper link" --> Word Count (61)  
 UserId="25180" Comment="typo corrected, formatting" --> Word Count (30)  
 UserId="67328" Comment="Example improved" --> Word Count (56)  
 UserId="69646" --> Word Count (97)  
 UserId="69646" --> Word Count (13)  
 UserId="69646" --> Word Count (1)  
 UserId="42226" Comment="correct the import of scikit" --> Word Count (277)  
 UserId="67328" Comment="Wording improved" --> Word Count (58)  
 UserId="67328" --> Word Count (44)  
 UserId="67328" Comment="Explanation improved" --> Word Count (52)  
 UserId="67328" Comment="Wording improved" --> Word Count (56)  
 UserId="67328" Comment="Correction" --> Word Count (52)  
 UserId="62386" --> Word Count (167)  
 UserId="62386" --> Word Count (3)  
 UserId="62386" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (94)  
 UserId="67328" Comment="via Vote" --> Word Count (1)  
 UserId="29169" --> Word Count (59)  
 UserId="67328" Comment="Explanation improved" --> Word Count (99)  
 UserId="67328" --> Word Count (1)



UserId="67328" Comment="Explanation improved" --> Word Count (93)  
 UserId="62386" Comment="added 47 characters in body; edited title" --> Word Count (152)  
 UserId="62386" Comment="added 47 characters in body; edited title" --> Word Count (7)  
 UserId="64596" --> Word Count (270)  
 UserId="25180" Comment="typos corrected" --> Word Count (85)  
 UserId="69073" --> Word Count (135)  
 UserId="69073" --> Word Count (16)  
 UserId="69073" --> Word Count (1)  
 UserId="64760" --> Word Count (228)  
 UserId="52291" --> Word Count (63)  
 UserId="69757" Comment="added 357 characters in body" --> Word Count (121)  
 UserId="63856" --> Word Count (249)  
 UserId="63856" --> Word Count (6)  
 UserId="63856" --> Word Count (1)  
 UserId="67328" Comment="Typo" --> Word Count (94)  
 UserId="55122" --> Word Count (15)  
 UserId="22074" --> Word Count (160)  
 UserId="22074" --> Word Count (8)  
 UserId="22074" --> Word Count (1)  
 UserId="69775" --> Word Count (55)  
 UserId="69775" --> Word Count (7)  
 UserId="69775" --> Word Count (1)  
 UserId="67328" --> Word Count (21)  
 UserId="69776" --> Word Count (129)  
 UserId="69776" --> Word Count (5)  
 UserId="69776" --> Word Count (1)  
 UserId="69772" Comment="removed unnecessary tag" --> Word Count (1)  
 UserId="29169" Comment="Added clarity to the question" --> Word Count (189)  
 UserId="69073" --> Word Count (83)  
 UserId="69073" --> Word Count (8)  
 UserId="69073" --> Word Count (1)  
 UserId="69777" --> Word Count (35)  
 UserId="69777" --> Word Count (12)  
 UserId="69777" --> Word Count (1)  
 UserId="69778" --> Word Count (122)  
 UserId="69778" --> Word Count (7)  
 UserId="69778" --> Word Count (1)  
 UserId="69776" Comment="Added code snippet" --> Word Count (251)  
 UserId="69776" Comment="Added code snippet" --> Word Count (282)  
 UserId="23240" --> Word Count (467)  
 UserId="60292" --> Word Count (33)  
 UserId="58488" --> Word Count (561)  
 UserId="58488" --> Word Count (11)  
 UserId="58488" --> Word Count (1)  
 UserId="140" Comment="deleted 421 characters in body" --> Word Count (171)  
 UserId="69689" --> Word Count (114)

UserId="67328" Comment="Code unified in one piece" --> Word Count (590)  
 UserId="924" --> Word Count (107)  
 UserId="67328" --> Word Count (119)  
 UserId="67328" Comment="Explanation improved" --> Word Count (59)  
 UserId="67328" Comment="Explanation improved mentioning another answer" -->  
 Word Count (90)  
 UserId="67328" Comment="Wording improved" --> Word Count (90)  
 UserId="69783" --> Word Count (11)  
 UserId="69783" --> Word Count (8)  
 UserId="69783" --> Word Count (1)  
 UserId="23240" Comment="edited tags" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (482)  
 UserId="67328" Comment="Wording improved" --> Word Count (118)  
 UserId="69452" --> Word Count (475)  
 UserId="69452" Comment="added 93 characters in body" --> Word Count (503)  
 UserId="67328" Comment="Explanation improved" --> Word Count (122)  
 UserId="69789" --> Word Count (80)  
 UserId="69789" --> Word Count (7)  
 UserId="69789" --> Word Count (1)  
 UserId="47533" --> Word Count (72)  
 UserId="58488" Comment="Update." --> Word Count (671)  
 UserId="47533" Comment="added 203 characters in body" --> Word Count (107)  
 UserId="69614" --> Word Count (59)  
 UserId="66192" --> Word Count (118)  
 UserId="66192" --> Word Count (10)  
 UserId="66192" --> Word Count (1)  
 UserId="58488" Comment="edited title" --> Word Count (12)  
 UserId="69694" --> Word Count (146)  
 UserId="69694" --> Word Count (7)  
 UserId="69694" --> Word Count (1)  
 UserId="69794" --> Word Count (45)  
 UserId="69794" --> Word Count (9)  
 UserId="69794" --> Word Count (1)  
 UserId="65776" --> Word Count (161)  
 UserId="65776" --> Word Count (10)  
 UserId="65776" --> Word Count (1)  
 UserId="65776" Comment="added 158 characters in body" --> Word Count (178)  
 UserId="69797" --> Word Count (267)  
 UserId="69798" --> Word Count (26)  
 UserId="69798" --> Word Count (13)  
 UserId="69798" --> Word Count (1)  
 UserId="65309" Text="Increasing the latent dimension value was the key here.&#xD  
 ;&#xA;-----&#xD;&#xA;&#xD;&#xA;  
 ;My recommendation system was implemented via  
 [ML.NET](https://github.com/dotnet/machinelearning). And the framework's default  
 setting for the latent dimension value was 20, which seems pretty small  
 considering the volume of my training data.&#xD;&#xA;&#xD;&#xA;Increasing the  
 hidden feature count makes my system perform better, successfully predicting the

```

`X,Y,Z` items as false candidates for other existing users except Andy and
Andrew. Below is how to set the value. This is based on [the example
code] (https://github.com/dotnet/machinelearning-
samples/blob/master/samples/csharp/end-to-end-apps/Recommendation-
MovieRecommender/MovieRecommender_Model/Program.cs) in
ML.NET

 var pipeline =
mlContext.Transforms.Text.FeaturizeText(outputColumnName:
"userIdFeaturized", inputColumnName:
nameof(MovieRating.userId))

.Append(mlContext.Transforms.Text.Featurize --> Word Count (179)
UserId="61417" Comment="added 83 characters in body" --> Word Count (64)
UserId="40853" Comment="added 12 characters in body" --> Word Count (270)
UserId="55122" Comment="added 640 characters in body" --> Word Count (136)
UserId="69797" Comment="added 17 characters in body" --> Word Count (270)
UserId="64760" --> Word Count (199)
UserId="49878" --> Word Count (68)
UserId="49878" --> Word Count (12)
UserId="49878" --> Word Count (1)
UserId="17054" --> Word Count (136)
UserId="17054" --> Word Count (4)
UserId="17054" --> Word Count (1)
UserId="69689" Comment="added 58 characters in body" --> Word Count (127)
UserId="54855" --> Word Count (78)
UserId="54855" --> Word Count (56)
UserId="51625" --> Word Count (136)
UserId="51625" --> Word Count (8)
UserId="51625" --> Word Count (1)
UserId="58628" --> Word Count (80)
UserId="58628" --> Word Count (13)
UserId="58628" --> Word Count (1)
UserId="69796" --> Word Count (118)
UserId="69796" --> Word Count (7)
UserId="69796" --> Word Count (1)
UserId="69799" --> Word Count (87)
UserId="69799" --> Word Count (6)
UserId="69799" --> Word Count (1)
UserId="69800" --> Word Count (56)
UserId="69800" --> Word Count (10)
UserId="69800" --> Word Count (1)
UserId="29169" Comment="Changed title to reflect question" --> Word Count (8)
UserId="29169" Comment="Changed title to better reflect the question" --> Word
Count (67)
UserId="29169" Comment="Changed title to better reflect the question" --> Word
Count (6)
UserId="29169" Comment="Changed formatting for readability, changed title, added
tag" --> Word Count (49)
UserId="29169" Comment="Changed formatting for readability, changed title, added
tag" --> Word Count (9)

```

UserId="29169" Comment="Changed formatting for readability, changed title, added tag" --> Word Count (1)  
 UserId="69800" --> Word Count (67)  
 UserId="26394" Comment="formatting" --> Word Count (160)  
 UserId="58628" Comment="edited title" --> Word Count (16)  
 UserId="65133" --> Word Count (27)  
 UserId="65133" --> Word Count (6)  
 UserId="65133" --> Word Count (1)  
 UserId="69806" --> Word Count (108)  
 UserId="69806" --> Word Count (13)  
 UserId="69806" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (108)  
 UserId="24000" --> Word Count (291)  
 UserId="69538" --> Word Count (95)  
 UserId="69538" --> Word Count (7)  
 UserId="69538" --> Word Count (1)  
 UserId="67328" --> Word Count (231)  
 UserId="67328" Comment="Explanation improved" --> Word Count (276)  
 UserId="67328" --> Word Count (104)  
 UserId="67328" Comment="Explanation improved" --> Word Count (109)  
 UserId="67328" Comment="Explanation improved" --> Word Count (108)  
 UserId="61417" --> Word Count (65)  
 UserId="61417" --> Word Count (11)  
 UserId="61417" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (280)  
 UserId="69816" Text="Lots of keyword extraction techniques are there depends on factors like:&#xD;&#xA;&#xD;&#xA;1. Grammatical quality of text.&#xD;&#xA;2. Length of text&#xD;&#xA;3. Are you looking for a single keyword or phrasal keyword etc.&#xD;&#xA;&#xD;&#xA;But in general If you have long text and you want to extract keywords automatically from that, I would recommend you to go through follow articles:&#xD;&#xA;&#xD;&#xA;i ) [ --> Word Count (46)  
 UserId="41591" --> Word Count (64)  
 UserId="69818" --> Word Count (89)  
 UserId="69818" --> Word Count (6)  
 UserId="69818" --> Word Count (1)  
 UserId="25180" Comment="formatting" --> Word Count (87)  
 UserId="25180" Comment="capitalization" --> Word Count (63)  
 UserId="69823" --> Word Count (160)  
 UserId="69823" --> Word Count (6)  
 UserId="69823" --> Word Count (1)  
 UserId="68154" Comment="Corrected formatting" --> Word Count (173)  
 UserId="67328" Comment="Explanation improved" --> Word Count (745)  
 UserId="67328" Comment="Wording improved" --> Word Count (747)  
 UserId="46527" --> Word Count (25)  
 UserId="67328" Comment="Formatting improved" --> Word Count (747)  
 UserId="67328" Comment="Paper link added" --> Word Count (90)  
 UserId="69744" --> Word Count (92)  
 UserId="69826" --> Word Count (117)

UserId="69826" --> Word Count (7)  
 UserId="69826" --> Word Count (1)  
 UserId="67328" Comment="Wording improved" --> Word Count (110)  
 UserId="67328" Comment="Wording improved" --> Word Count (112)  
 UserId="52291" --> Word Count (18)  
 UserId="67328" Comment="Wording improved" --> Word Count (112)  
 UserId="67328" Comment="Wording improved" --> Word Count (282)  
 UserId="66974" --> Word Count (305)  
 UserId="66974" --> Word Count (4)  
 UserId="66974" --> Word Count (1)  
 UserId="66974" Comment="added 8 characters in body" --> Word Count (307)  
 UserId="24000" Comment="Reformatted, added Python tag" --> Word Count (190)  
 UserId="24000" Comment="Reformatted, added Python tag" --> Word Count (1)  
 UserId="69818" Comment="added 3 characters in body" --> Word Count (90)  
 UserId="24000" Comment="Reformatted, added Python tag" --> Word Count (131)  
 UserId="24000" Comment="Reformatted, added Python tag" --> Word Count (1)  
 UserId="67328" --> Word Count (48)  
 UserId="67328" Comment="Explanation improved" --> Word Count (114)  
 UserId="69833" --> Word Count (108)  
 UserId="69833" --> Word Count (5)  
 UserId="69833" --> Word Count (1)  
 UserId="67328" Comment="Wording improved" --> Word Count (114)  
 UserId="69837" --> Word Count (58)  
 UserId="69837" --> Word Count (6)  
 UserId="69837" --> Word Count (1)  
 UserId="66974" Comment="added 1885 characters in body" --> Word Count (722)  
 UserId="67328" Comment="Explanation improved" --> Word Count (286)  
 UserId="65776" Comment="added 237 characters in body" --> Word Count (199)  
 UserId="67328" Comment="Wording improved" --> Word Count (285)  
 UserId="52291" Comment="Edited to get the point across clearer that the core issue that a participant should only appear in either test or train" --> Word Count (78)  
 UserId="52291" Comment="Edited to get the point across clearer that the core issue that a participant should only appear in either test or train" --> Word Count (10)  
 UserId="24000" Comment="Reformatted, removed unnecessary text" --> Word Count (75)  
 UserId="69822" Comment="missing verb, rephrasing" --> Word Count (264)  
 UserId="-1" Comment="103" --> Word Count (3)  
 UserId="29217" --> Word Count (173)  
 UserId="41771" --> Word Count (22)  
 UserId="69841" --> Word Count (68)  
 UserId="69841" --> Word Count (8)  
 UserId="69841" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (115)  
 UserId="41771" --> Word Count (71)  
 UserId="41771" --> Word Count (26)  
 UserId="5161" --> Word Count (63)

UserId="5161" --> Word Count (5)  
 UserId="5161" --> Word Count (1)  
 UserId="50727" --> Word Count (130)  
 UserId="50727" --> Word Count (5)  
 UserId="50727" --> Word Count (1)  
 UserId="69845" --> Word Count (146)  
 UserId="69845" --> Word Count (19)  
 UserId="69845" --> Word Count (1)  
 UserId="69822" --> Word Count (218)  
 UserId="69822" --> Word Count (7)  
 UserId="69822" --> Word Count (1)  
 UserId="69847" --> Word Count (30)  
 UserId="69847" --> Word Count (13)  
 UserId="69847" --> Word Count (1)  
 UserId="50727" Comment="added 7 characters in body" --> Word Count (131)  
 UserId="66759" Comment="deleted 1 character in body" --> Word Count (62)  
 UserId="67420" Comment="added 1663 characters in body" --> Word Count (717)  
 UserId="59171" --> Word Count (80)  
 UserId="68786" --> Word Count (100)  
 UserId="68786" --> Word Count (9)  
 UserId="68786" --> Word Count (1)  
 UserId="25180" Comment="grammar corrections" Text="Lots of keyword extraction techniques out there depend on factors like:&#xD;&#xA;&#xD;&#xA;1. Grammatical quality of text&#xD;&#xA;2. Length of text&#xD;&#xA;3. Whether you are looking for a single keyword or phrasal keyword etc.&#xD;&#xA;&#xD;&#xA;But in general, if you have a long text and you want to extract keywords automatically from that, I would recommend you to go through follow articles:&#xD;&#xA;&#xD;&#xA;1. [ --> Word Count (47)  
 UserId="64596" Comment="edit title" --> Word Count (7)  
 UserId="23305" Comment="edit title" --> Word Count (7)  
 UserId="52291" --> Word Count (79)  
 UserId="64596" Comment="edit some typo mistakes" --> Word Count (103)  
 UserId="69851" --> Word Count (94)  
 UserId="69851" --> Word Count (5)  
 UserId="69851" --> Word Count (1)  
 UserId="69452" Comment="added 5 characters in body" --> Word Count (503)  
 UserId="66974" Comment="edited body" --> Word Count (722)  
 UserId="67328" Comment="Explanation improved" --> Word Count (70)  
 UserId="29169" Comment="Corrected capitalization errors" --> Word Count (218)  
 UserId="69452" Comment="added 264 characters in body" --> Word Count (540)  
 UserId="59627" --> Word Count (157)  
 UserId="59627" --> Word Count (6)  
 UserId="59627" --> Word Count (1)  
 UserId="23305" --> Word Count (109)  
 UserId="69822" Comment="edited body" --> Word Count (218)  
 UserId="23240" --> Word Count (117)  
 UserId="69822" Comment="corrected spelling" --> Word Count (268)  
 UserId="69822" Comment="corrected spelling" --> Word Count (10)

UserId="67328" Comment="This title better reflects the paper name" --> Word Count (6)  
 UserId="69670" --> Word Count (162)  
 UserId="69670" Comment="via Vote" --> Word Count (1)  
 UserId="67328" Comment="Typo &quot;linear&quot;" --> Word Count (26)  
 UserId="67328" Comment="Typo &quot;linear&quot;" --> Word Count (13)  
 UserId="67328" Comment="Wording improved" --> Word Count (114)  
 UserId="69822" Comment="added 379 characters in body" --> Word Count (310)  
 UserId="69670" Comment="added 1274 characters in body" --> Word Count (354)  
 UserId="69670" --> Word Count (1)  
 UserId="49878" Comment="Modified the images and explanation for better clarity," --> Word Count (101)  
 UserId="49878" Comment="Modified the images and explanation for better clarity," --> Word Count (1)  
 UserId="69822" Comment="rephrasing , corrected spelling" --> Word Count (1516)  
 UserId="10640" Comment="A few improvements" --> Word Count (9)  
 UserId="29169" Comment="small formatting edits for readability enhancements" --> Word Count (67)  
 UserId="49878" Comment="Modified the images and explanation for better clarity," --> Word Count (102)  
 UserId="33759" --> Word Count (189)  
 UserId="49878" Comment="edited title" --> Word Count (7)  
 UserId="67328" Comment="Explanation improved" --> Word Count (764)  
 UserId="69822" Comment="corrected spelling" --> Word Count (270)  
 UserId="69783" Comment="Clarify" --> Word Count (142)  
 UserId="52089" --> Word Count (65)  
 UserId="69856" --> Word Count (314)  
 UserId="67328" Comment="Explanation improved" --> Word Count (110)  
 UserId="177" Text="I'm working on an edtech product where some of our traffic lands on webpages about textbooks. &#xD;&#xA;&#xD;&#xA;" --> Word Count (149)  
 UserId="177" --> Word Count (21)  
 UserId="177" --> Word Count (1)  
 UserId="924" --> Word Count (117)  
 UserId="69471" --> Word Count (69)  
 UserId="69471" --> Word Count (9)  
 UserId="69471" --> Word Count (1)  
 UserId="67328" --> Word Count (57)  
 UserId="67328" Comment="Wording improved" --> Word Count (67)  
 UserId="69847" --> Word Count (69)  
 UserId="69847" --> Word Count (13)  
 UserId="69847" --> Word Count (1)  
 UserId="23240" Comment="added 6 characters in body" --> Word Count (117)  
 UserId="69471" Comment="added 144 characters in body" --> Word Count (77)  
 UserId="69471" Comment="added 144 characters in body" --> Word Count (10)  
 UserId="69471" Comment="added 144 characters in body" --> Word Count (111)  
 UserId="67328" Comment="Explanation improved" --> Word Count (136)  
 UserId="67328" Comment="Wording improved" --> Word Count (135)  
 UserId="49878" Comment="added 72 characters in body" --> Word Count (106)

UserId="49878" Comment="added 72 characters in body" --> Word Count (1)  
 UserId="67328" Comment="Image updated" --> Word Count (138)  
 UserId="66524" --> Word Count (114)  
 UserId="66524" --> Word Count (12)  
 UserId="66524" --> Word Count (1)  
 UserId="69826" Comment="added 5 characters in body" --> Word Count (119)  
 UserId="69169" Comment="changed &quot;would&quot; to &quot;could&quot; to be less prescriptive" --> Word Count (70)  
 UserId="66974" Comment="deleted 1 character in body" --> Word Count (722)  
 UserId="66572" --> Word Count (70)  
 UserId="66572" --> Word Count (8)  
 UserId="66572" --> Word Count (1)  
 UserId="69174" --> Word Count (65)  
 UserId="69670" Comment="added 29 characters in body" --> Word Count (360)  
 UserId="69174" --> Word Count (177)  
 UserId="-1" Comment="104" --> Word Count (3)  
 UserId="69174" Comment=" " --> Word Count (401)  
 UserId="69822" Comment="rephrasing , corrected spelling" --> Word Count (132)  
 UserId="-1" Comment="104" --> Word Count (3)  
 UserId="69174" Comment="added 1 character in body" --> Word Count (402)  
 UserId="41771" --> Word Count (146)  
 UserId="65133" --> Word Count (92)  
 UserId="65133" --> Word Count (15)  
 UserId="65133" --> Word Count (1)  
 UserId="65133" Comment="deleted 2 characters in body" --> Word Count (92)  
 UserId="65133" Comment="Rollback to [fc3dd3f9-e9dd-46e9-9dab-c79eadbbae08]" --> Word Count (92)  
 UserId="50146" --> Word Count (89)  
 UserId="50146" --> Word Count (8)  
 UserId="50146" --> Word Count (1)  
 --> Word Count (122)  
 UserId="69884" --> Word Count (7)  
 UserId="69884" --> Word Count (1)  
 UserId="69847" Comment="edited tags" --> Word Count (1)  
 --> Word Count (146)  
 UserId="69845" Comment="added 336 characters in body" --> Word Count (207)  
 UserId="924" Comment="edited tags" --> Word Count (1)  
 UserId="69471" Comment="added 260 characters in body; edited tags" --> Word Count (148)  
 UserId="69471" Comment="added 260 characters in body; edited tags" --> Word Count (1)  
 UserId="69169" --> Word Count (286)  
 UserId="69169" Comment="added 351 characters in body" --> Word Count (328)  
 UserId="69471" Comment="edited tags" --> Word Count (1)  
 UserId="69670" --> Word Count (191)  
 UserId="69670" Comment="added 303 characters in body" --> Word Count (232)  
 UserId="69822" Comment="corrected spelling" --> Word Count (492)  
 UserId="41771" --> Word Count (77)



UserId="69895" --> Word Count (68)  
 UserId="69895" --> Word Count (7)  
 UserId="69895" --> Word Count (1)  
 UserId="64596" --> Word Count (39)  
 UserId="64596" --> Word Count (12)  
 UserId="64596" --> Word Count (1)  
 UserId="69646" --> Word Count (56)  
 UserId="41771" Comment="Added details" --> Word Count (141)  
 UserId="69646" Comment="changed title to reflect content" --> Word Count (16)  
 UserId="41771" --> Word Count (35)  
 UserId="69822" Comment="edited tags" --> Word Count (1)  
 UserId="67328" --> Word Count (212)  
 UserId="64596" Comment="added 79 characters in body" --> Word Count (55)  
 UserId="68827" --> Word Count (155)  
 UserId="64596" Comment="deleted 2 characters in body" --> Word Count (55)  
 UserId="67328" Comment="Explanation improved" --> Word Count (218)  
 UserId="-1" Comment="102" --> Word Count (3)  
 UserId="69822" Comment="missing verb , rephrasing" --> Word Count (192)  
 UserId="69822" Comment="corrected spelling, rephrasing" Text="Nice  
 question!&#xD;&#xA;&#xD;&#xA;## Some Remarks ##&#xD;&#xA;For imbalanced data you  
 have different approaches. Most well-established one is [resampling][1]  
 (Oversampling small classes /underssampling large classes). The other one is to  
 make your classification hierarchical i.e. classify large classes against all  
 others and then classify small classes in second step (classifiers are not  
 supposed to be the same. Try model selection strategies to find the  
 best).&#xD;&#xA;&#xD;&#xA;## Practical Answer ##&#xD;&#xA;&#xD;&#xA;I have got  
 acceptable results without resampling the data! So try it but later improve it  
 using resampling methods (statistically they are kind of A  
 MUST).&#xD;&#xA;&#xD;&#xA;TFIDF is good for such a problem. Classifiers should  
 be selected through model selection but my experience shows that Logistic  
 Regression and Random Forest work well on this specific problem (however it's  
 just a practical experience).&#xD;&#xA;&#xD;&#xA;You may follow the code bellow  
 as it worked simply well then you may try modifying it to improve your  
 results:&#xD;&#xA;&#xD;&#xA;&#xD;&#xA; train = pd.read\_csv(...)&#xD;&#xA;  
 test = pd.read\_csv(...) &#xD;&#xA; &#xD;&#xA; # TFIDF Bag Of Words  
 Model For --> Word Count (234)  
 UserId="38892" --> Word Count (36)  
 UserId="38892" Comment="added 14 characters in body" --> Word Count (84)  
 UserId="41591" --> Word Count (132)  
 UserId="41591" --> Word Count (8)  
 UserId="41591" --> Word Count (1)  
 UserId="69904" --> Word Count (95)  
 UserId="69904" --> Word Count (15)  
 UserId="69904" --> Word Count (1)  
 UserId="69902" --> Word Count (129)  
 UserId="69902" --> Word Count (15)  
 UserId="69902" --> Word Count (1)  
 UserId="41771" --> Word Count (68)

UserId="69670" --> Word Count (65)  
 UserId="69670" Comment="deleted 7 characters in body" --> Word Count (64)  
 UserId="52291" --> Word Count (126)  
 UserId="69670" Comment="added 491 characters in body" --> Word Count (186)  
 UserId="52291" Comment="Wording" --> Word Count (125)  
 UserId="69670" Comment="added 491 characters in body" --> Word Count (189)  
 UserId="69670" Comment="added 491 characters in body" --> Word Count (226)  
 UserId="9011" --> Word Count (107)  
 UserId="9011" --> Word Count (8)  
 UserId="9011" --> Word Count (1)  
 UserId="69248" --> Word Count (66)  
 UserId="69248" --> Word Count (8)  
 UserId="69248" --> Word Count (1)  
 UserId="69670" --> Word Count (63)  
 UserId="24000" Comment="Reformatted, added link to NLTK docs, remove unnecessary text" --> Word Count (118)  
 UserId="64596" Comment="edit title" --> Word Count (10)  
 UserId="69670" --> Word Count (65)  
 UserId="67328" Comment="Wording improved" --> Word Count (218)  
 UserId="69822" Comment="corrected spelling, rephrasing" --> Word Count (65)  
 UserId="69822" Comment="corrected spelling, rephrasing" --> Word Count (9)  
 UserId="69471" Comment="improve title" --> Word Count (12)  
 UserId="67328" Comment="Link corrected" --> Word Count (281)  
 UserId="67328" Comment="Wording improved" --> Word Count (282)  
 UserId="67328" Comment="Wording improved" --> Word Count (289)  
 UserId="67328" Comment="Typo" --> Word Count (290)  
 UserId="69818" --> Word Count (110)  
 UserId="69818" --> Word Count (4)  
 UserId="69818" --> Word Count (1)  
 UserId="67328" --> Word Count (185)  
 UserId="-1" --> Word Count (4)  
 UserId="67328" Comment="Formatting" --> Word Count (185)  
 UserId="69470" --> Word Count (746)  
 UserId="67328" Comment="Typo" --> Word Count (200)  
 UserId="69470" Comment="added 192 characters in body" --> Word Count (776)  
 UserId="55122" --> Word Count (193)  
 UserId="67328" Comment="Some irrelevant is explanation removed" --> Word Count (172)  
 UserId="67328" Comment="Correction" --> Word Count (205)  
 UserId="69920" --> Word Count (100)  
 UserId="69920" --> Word Count (13)  
 UserId="69920" --> Word Count (1)  
 UserId="67328" Comment="Typo" --> Word Count (204)  
 UserId="61445" --> Word Count (126)  
 UserId="61445" --> Word Count (6)  
 UserId="61445" --> Word Count (1)  
 UserId="52291" Comment="Made copied dataframe so there won't be tons of error messages if someone tries it" --> Word Count (205)

UserId="24968" Comment="Put links into text" --> Word Count (177)  
 UserId="24968" Comment="Reformatted link" --> Word Count (70)  
 UserId="69929" --> Word Count (179)  
 UserId="38892" Comment="added 34 characters in body" --> Word Count (186)  
 UserId="55122" Comment="added 219 characters in body" --> Word Count (212)  
 UserId="69347" --> Word Count (93)  
 UserId="69347" --> Word Count (9)  
 UserId="69347" --> Word Count (1)  
 UserId="69777" --> Word Count (129)  
 UserId="23305" --> Word Count (45)  
 UserId="69777" Comment="added 205 characters in body" --> Word Count (147)  
 UserId="67328" Comment="This title better reflects main elements of the question" --> Word Count (5)  
 UserId="69940" --> Word Count (133)  
 UserId="69940" Comment="added 111 characters in body" --> Word Count (152)  
 UserId="69939" --> Word Count (174)  
 UserId="69939" --> Word Count (6)  
 UserId="69939" --> Word Count (1)  
 UserId="69941" --> Word Count (410)  
 UserId="69941" --> Word Count (5)  
 UserId="69941" --> Word Count (1)  
 UserId="69941" Comment="deleted 168 characters in body" --> Word Count (161)  
 UserId="1330" --> Word Count (122)  
 UserId="67328" Comment="Wording improved" --> Word Count (140)  
 UserId="69945" --> Word Count (111)  
 UserId="69945" --> Word Count (5)  
 UserId="69945" --> Word Count (1)  
 UserId="69670" --> Word Count (158)  
 UserId="23305" --> Word Count (103)  
 UserId="69670" Comment="added 188 characters in body" --> Word Count (187)  
 UserId="69949" --> Word Count (144)  
 UserId="69949" --> Word Count (11)  
 UserId="69949" --> Word Count (1)  
 UserId="43077" Comment="added 4 characters in body" --> Word Count (216)  
 UserId="69942" --> Word Count (813)  
 UserId="69942" --> Word Count (20)  
 UserId="69942" --> Word Count (1)  
 UserId="43077" Comment="added 74 characters in body" --> Word Count (227)  
 UserId="69942" Comment="added 41 characters in body" --> Word Count (819)  
 UserId="69957" --> Word Count (60)  
 UserId="69957" --> Word Count (3)  
 UserId="69957" --> Word Count (1)  
 UserId="38892" Comment="edited title" --> Word Count (20)  
 UserId="38892" Comment="added 9 characters in body" --> Word Count (111)  
 UserId="59627" --> Word Count (130)  
 UserId="59627" --> Word Count (5)  
 UserId="59627" --> Word Count (1)  
 UserId="69959" --> Word Count (100)

UserId="69959" --> Word Count (13)  
 UserId="69959" --> Word Count (1)  
 UserId="59627" Comment="edited tags" --> Word Count (1)  
 UserId="924" --> Word Count (76)  
 UserId="68818" --> Word Count (58)  
 UserId="69958" --> Word Count (249)  
 UserId="69958" --> Word Count (7)  
 UserId="69958" --> Word Count (1)  
 UserId="50833" --> Word Count (126)  
 UserId="69957" Comment="deleted 3 characters in body" --> Word Count (59)  
 UserId="59171" --> Word Count (122)  
 UserId="37330" --> Word Count (61)  
 UserId="67412" --> Word Count (154)  
 UserId="69963" --> Word Count (106)  
 UserId="69963" --> Word Count (3)  
 UserId="69963" --> Word Count (1)  
 UserId="68818" Comment="deleted 3 characters in body" --> Word Count (57)  
 UserId="50833" --> Word Count (206)  
 UserId="69376" --> Word Count (178)  
 UserId="69376" --> Word Count (5)  
 UserId="69376" --> Word Count (1)  
 UserId="50146" --> Word Count (164)  
 UserId="59171" --> Word Count (207)  
 UserId="52527" --> Word Count (261)  
 UserId="52527" --> Word Count (8)  
 UserId="52527" --> Word Count (1)  
 UserId="29217" --> Word Count (114)  
 UserId="69972" --> Word Count (785)  
 UserId="69972" --> Word Count (11)  
 UserId="69972" --> Word Count (1)  
 UserId="46848" --> Word Count (186)  
 UserId="46848" --> Word Count (5)  
 UserId="46848" --> Word Count (1)  
 UserId="14588" --> Word Count (37)  
 UserId="50833" --> Word Count (195)  
 UserId="14588" Comment="add 1 paragraph" --> Word Count (73)  
 UserId="69982" --> Word Count (126)  
 UserId="69982" --> Word Count (6)  
 UserId="69982" --> Word Count (1)  
 UserId="33603" --> Word Count (179)  
 UserId="66386" --> Word Count (615)  
 UserId="66386" --> Word Count (7)  
 UserId="66386" --> Word Count (1)  
 UserId="68367" --> Word Count (33)  
 UserId="68367" --> Word Count (5)  
 UserId="68367" --> Word Count (1)  
 UserId="59032" --> Word Count (57)  
 UserId="59032" --> Word Count (10)

UserId="59032" --> Word Count (1)  
UserId="33603" Comment="edited answer to better fit the question" --> Word Count (155)  
UserId="33603" Comment="added 10 characters in body" --> Word Count (157)  
UserId="67328" --> Word Count (50)  
UserId="69972" Comment="added 163 characters in body" --> Word Count (812)  
UserId="924" Comment="added 99 characters in body" --> Word Count (94)  
UserId="69995" --> Word Count (260)  
UserId="69995" --> Word Count (10)  
UserId="69995" --> Word Count (1)  
UserId="70000" --> Word Count (22)  
UserId="69822" Comment="corrected spelling" --> Word Count (164)  
UserId="924" Comment="added 2 characters in body" --> Word Count (58)  
UserId="45177" --> Word Count (79)  
UserId="45177" --> Word Count (10)  
UserId="45177" --> Word Count (1)  
UserId="31015" --> Word Count (106)  
UserId="68230" --> Word Count (74)  
UserId="70006" --> Word Count (145)  
UserId="49878" --> Word Count (27)  
UserId="49878" --> Word Count (6)  
UserId="49878" --> Word Count (1)  
UserId="53381" --> Word Count (279)  
UserId="53381" --> Word Count (8)  
UserId="53381" --> Word Count (1)  
UserId="49878" Comment="added 43 characters in body" --> Word Count (33)  
UserId="49878" Comment="added 9 characters in body" --> Word Count (33)  
UserId="49878" Comment="edited title" --> Word Count (4)  
UserId="38657" --> Word Count (110)  
UserId="38657" --> Word Count (3)  
UserId="38657" --> Word Count (1)  
UserId="49878" Comment="edited title" --> Word Count (33)  
UserId="38657" Comment="added 1 character in body" --> Word Count (110)  
UserId="49878" Comment="added 89 characters in body" --> Word Count (40)  
UserId="69942" Comment="deleted 158 characters in body; edited title" --> Word Count (788)  
UserId="69942" Comment="deleted 158 characters in body; edited title" --> Word Count (20)  
UserId="67328" --> Word Count (127)  
UserId="52089" Comment="removed irrelevant hyperlink" --> Word Count (124)  
UserId="67328" Comment="Typo" --> Word Count (124)  
UserId="70012" --> Word Count (164)  
UserId="70012" --> Word Count (7)  
UserId="70012" --> Word Count (1)  
UserId="28175" --> Word Count (170)  
UserId="28175" Comment="added 10 characters in body; edited tags; edited title" --> Word Count (81)  
UserId="28175" Comment="added 10 characters in body; edited tags; edited title"

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--> Word Count (11)
UserId="28175" Comment="added 10 characters in body; edited tags; edited title"
--> Word Count (1)
UserId="28175" Comment="added 92 characters in body" --> Word Count (186)
UserId="67328" Comment="Wording improved" --> Word Count (122)
UserId="69689" --> Word Count (146)
UserId="70020" --> Word Count (15)
UserId="69968" Comment="Simplified list(range(0,12)) to range(12) - I tested
that (the version of) Pandas (I use) accepts range objects as indexes." -->
Word Count (461)
UserId="26917" --> Word Count (167)
UserId="69797" --> Word Count (130)
UserId="33603" Comment="Edited second paragraph to improve sentence structure,
making the question explanation clearer." --> Word Count (126)
UserId="38892" Comment="added 9 characters in body" --> Word Count (719)
UserId="63693" --> Word Count (577)
UserId="63693" --> Word Count (8)
UserId="63693" --> Word Count (1)
UserId="67993" --> Word Count (42)
UserId="67993" --> Word Count (9)
UserId="67993" --> Word Count (1)
UserId="14588" --> Word Count (70)
UserId="69670" --> Word Count (230)
UserId="69670" --> Word Count (165)
UserId="69972" Comment="added 256 characters in body" --> Word Count (857)
UserId="62846" --> Word Count (41)
UserId="62846" --> Word Count (6)
UserId="62846" --> Word Count (1)
UserId="69823" --> Word Count (29)
UserId="69670" --> Word Count (177)
UserId="69670" Comment="added 157 characters in body" --> Word Count (214)
UserId="58433" --> Word Count (17)
UserId="58433" --> Word Count (8)
UserId="58433" --> Word Count (1)
UserId="33759" --> Word Count (56)
UserId="69822" --> Word Count (173)
UserId="69822" Comment="added 2 characters in body" --> Word Count (173)
UserId="67328" Text="> The goal of LM is to learn a probability distribution
over sequences
> of symbols pertaining to a
language.

That is, to learn $P(w_1, \dots, w_N)$
([resource][1]).

This modeling can be accomplished by


1. Predicting the next word given the previous words: $P(w_i
| w_1, \dots, w_{i-1})$, or
1. Predicting the neighbor words given the
center word ([Skip-gram][2]): $P(w_{i+k} | w_i)$, $k \in \{-2, -1, 1, 2\}$, or

1. Predicting the center word given the neighbor words ([CBOW][3] or
Continuous Bag-of-Words): $P(w_i | w_{i-2}, w_{i-1}, w_{i+1}, w_{i+2})$, or other
designs.

> Does the deep model need the encoder? From the
ptb code of
> tensor2tensor, I find the deep model do not contains

```

the encoder.&#xD;&#xA;&#xD;&#xA;Yes. Modern solutions (all \*deep\* ones) find an encoding that helps them to predict the next, neighbor, or center words as close as possible.&#xD;&#xA;&#xD;&#xA;A word encoding can be used as a \*\*constant\*\* input to other models. The [ptb.py code][4] calls `text\_encoder.Token --> Word Count (82)

UserId="45374" --> Word Count (50)

UserId="67328" Comment="Wording improved" Text="&gt; The goal of LM is to learn a probability distribution over sequences&#xD;&#xA;&gt; of symbols pertaining to a language.&#xD;&#xA;&#xD;&#xA;That is, to learn  $P(w_1, \dots, w_N)$  ([resource][1]).&#xD;&#xA;&#xD;&#xA;This modeling can be accomplished by &#xD;&#xA;&#xD;&#xA;1. Predicting the next word given the previous words:  $P(w_i | w_1, \dots, w_{i-1})$ , or&#xD;&#xA;1. Predicting the neighbor words given the center word ([Skip-gram][2]):  $P(w_{i+k} | w_i)$ ,  $k \in \{-2, -1, 1, 2\}$ , or &#xD;&#xA;1. Predicting the center word given the neighbor words ([CBOW][3] or Continuous Bag-of-Words):  $P(w_i | w_{i-2}, w_{i-1}, w_{i+1}, w_{i+2})$ , or other designs.&#xD;&#xA;&#xD;&#xA;&gt; Does the deep model need the encoder? From the ptb code of&#xD;&#xA;&gt; tensor2tensor, I find the deep model do not contains the encoder.&#xD;&#xA;&#xD;&#xA;Yes. Modern solutions (all \*deep\* ones) find an encoding that helps them to predict the next, neighbor, or center words as close as possible.&#xD;&#xA;&#xD;&#xA;A word encoding can be used as a \*\*constant\*\* input to other models. The [ptb.py code][4] calls `text\_encoder.Token --> Word Count (82)

UserId="70037" --> Word Count (2213)

UserId="70037" --> Word Count (19)

UserId="70037" --> Word Count (1)

UserId="52291" Comment="Formatted code" --> Word Count (2761)

UserId="70037" Comment="edited title" --> Word Count (22)

UserId="70037" Comment="edited title" --> Word Count (1176)

UserId="59901" --> Word Count (148)

UserId="59901" --> Word Count (13)

UserId="59901" --> Word Count (1)

UserId="50833" --> Word Count (1855)

UserId="59901" Comment="added 1 character in body" --> Word Count (148)

UserId="68023" --> Word Count (117)

UserId="69822" --> Word Count (111)

UserId="69822" --> Word Count (14)

UserId="69822" --> Word Count (1)

UserId="70044" --> Word Count (346)

UserId="70044" --> Word Count (10)

UserId="70044" --> Word Count (1)

UserId="54252" Comment="Added tag." --> Word Count (137)

UserId="54252" Comment="Added tag." --> Word Count (1)

UserId="54252" Comment="Added tag." --> Word Count (7)

UserId="53812" --> Word Count (51)

UserId="53812" --> Word Count (4)

UserId="53812" --> Word Count (1)

UserId="67328" Comment="Explanation improved" Text="&gt; The goal of LM is to learn a probability distribution over sequences&#xD;&#xA;&gt; of symbols

pertaining to a language. That is, to learn  $P(w_1, \dots, w_N)$  ([resource] [1]). This modeling can be accomplished by

1. Predicting the next word given the previous words:  $P(w_i | w_1, \dots, w_{i-1})$ , or
1. Predicting the neighbor words given the center word ([Skip-gram] [2]):  $P(w_{i+k} | w_i), k \in \{-2, -1, 1, 2\}$ , or
1. Predicting the center word given the neighbor words ([CBOW] [3] or Continuous Bag-of-Words):  $P(w_i | w_{i-2}, w_{i-1}, w_{i+1}, w_{i+2})$ , or other designs.

Does the deep model need the encoder? From the ptb code of tensor2tensor, I find the deep model do not contains the encoder. Yes. Modern LM solutions (all \*deep\* ones) try to find an encoding (embedding) that helps them to predict the next, neighbor, or center words as close as possible. However, a word encoding can be used as a **constant** input to other models. The [ptb.py code] [4] calls

```

`text_encoder.Token --> Word Count (82)
UserId="69822" Comment="rephrasing" --> Word Count (153)
UserId="69822" Comment="rephrasing , corrected spelling" --> Word Count (66)
UserId="56922" --> Word Count (120)
UserId="56922" --> Word Count (7)
UserId="56922" --> Word Count (1)
UserId="67328" --> Word Count (290)
UserId="29169" Comment="Brought comment into the question as an edit" --> Word Count (74)
UserId="67328" Comment="Explanation improved" --> Word Count (299)
UserId="69822" Comment="corrected spelling" --> Word Count (175)
UserId="10640" Comment="A few improvements" --> Word Count (273)
UserId="10640" Comment="A few improvements" --> Word Count (13)
UserId="10640" Comment="A few improvements" --> Word Count (1)
UserId="69670" --> Word Count (417)
UserId="29169" Comment="Changed phrasing and corrected capitalization issues" --> Word Count (108)
UserId="69670" --> Word Count (227)
UserId="69670" --> Word Count (250)
UserId="69670" Comment="added 35 characters in body" --> Word Count (251)
UserId="66372" --> Word Count (394)
UserId="66372" --> Word Count (7)
UserId="66372" --> Word Count (1)
UserId="40048" --> Word Count (229)
UserId="40048" --> Word Count (9)
UserId="40048" --> Word Count (1)
UserId="23305" --> Word Count (101)
UserId="23305" --> Word Count (12)
UserId="23305" --> Word Count (1)
UserId="59901" Comment="added 2 characters in body" --> Word Count (148)
UserId="59901" Comment="edited title" --> Word Count (8)
UserId="70053" --> Word Count (151)
UserId="70053" --> Word Count (8)
UserId="70053" --> Word Count (1)
UserId="67328" --> Word Count (259)

```



UserId="67328" Comment="via Vote" --> Word Count (1)  
UserId="68089" Comment="added 25 characters in body" --> Word Count (101)  
UserId="70055" --> Word Count (10)  
UserId="70055" --> Word Count (12)  
UserId="70055" --> Word Count (1)  
UserId="52206" --> Word Count (219)  
UserId="52206" --> Word Count (10)  
UserId="52206" --> Word Count (1)  
UserId="40048" Comment="deleted 14 characters in body" --> Word Count (229)  
UserId="358" --> Word Count (372)  
UserId="43077" Comment="edited title" --> Word Count (10)  
UserId="67328" Comment="Wording improved" --> Word Count (549)  
UserId="67328" --> Word Count (1)  
UserId="65733" --> Word Count (156)  
UserId="65733" Comment="added 222 characters in body" --> Word Count (144)  
UserId="70062" --> Word Count (254)  
UserId="70062" --> Word Count (6)  
UserId="70062" --> Word Count (1)  
UserId="67328" Comment="Explanation improved" --> Word Count (563)  
UserId="58368" --> Word Count (40)  
UserId="58368" --> Word Count (9)  
UserId="58368" --> Word Count (1)  
UserId="67328" Comment="Explanation improved" --> Word Count (577)  
UserId="67328" Comment="Wording improved" --> Word Count (578)  
UserId="67328" Comment="Punctuation" --> Word Count (579)  
UserId="60742" --> Word Count (158)  
UserId="62846" --> Word Count (64)  
UserId="62846" --> Word Count (9)  
UserId="62846" --> Word Count (1)  
UserId="18513" --> Word Count (77)  
UserId="62846" Comment="edited body" --> Word Count (64)  
UserId="17696" --> Word Count (557)  
UserId="70068" --> Word Count (177)  
UserId="70068" --> Word Count (6)  
UserId="70068" --> Word Count (1)  
UserId="62846" Comment="edited body" --> Word Count (64)  
UserId="26394" --> Word Count (186)  
UserId="41771" Comment="Typos" --> Word Count (85)  
UserId="41771" --> Word Count (56)  
UserId="26394" Comment="deleted 43 characters in body" --> Word Count (168)  
UserId="70073" --> Word Count (293)  
UserId="70073" --> Word Count (6)  
UserId="70073" --> Word Count (1)  
UserId="70074" --> Word Count (211)  
UserId="70074" --> Word Count (4)  
UserId="70074" --> Word Count (1)  
UserId="52291" --> Word Count (158)  
UserId="52291" Comment="Typos and stuff" --> Word Count (158)

UserId="68023" --> Word Count (306)  
 UserId="52291" Comment="Made next step clear" --> Word Count (172)  
 UserId="59004" --> Word Count (39)  
 UserId="59004" --> Word Count (9)  
 UserId="59004" --> Word Count (1)  
 UserId="68664" --> Word Count (125)  
 UserId="68664" --> Word Count (9)  
 UserId="68664" --> Word Count (1)  
 UserId="70080" --> Word Count (210)  
 UserId="70080" --> Word Count (7)  
 UserId="70080" --> Word Count (1)  
 UserId="26394" Comment="added 6 characters in body" --> Word Count (188)  
 UserId="47403" --> Word Count (383)  
 UserId="47403" --> Word Count (10)  
 UserId="47403" --> Word Count (1)  
 UserId="924" --> Word Count (130)  
 UserId="50406" --> Word Count (108)  
 UserId="69670" --> Word Count (233)  
 UserId="67328" Comment="Typos, Wording improved" --> Word Count (26)  
 UserId="67328" Comment="Typos, Wording improved" --> Word Count (15)  
 UserId="70082" --> Word Count (68)  
 UserId="70082" --> Word Count (4)  
 UserId="70082" --> Word Count (1)  
 UserId="56922" --> Word Count (134)  
 UserId="69670" --> Word Count (138)  
 UserId="69887" --> Word Count (142)  
 UserId="69887" --> Word Count (4)  
 UserId="69887" --> Word Count (1)  
 UserId="41771" --> Word Count (44)  
 UserId="70085" --> Word Count (76)  
 UserId="70085" --> Word Count (5)  
 UserId="70085" --> Word Count (1)  
 UserId="69982" Comment="Added example " --> Word Count (236)  
 UserId="69982" Comment="added 61 characters in body" --> Word Count (247)  
 UserId="70091" --> Word Count (69)  
 UserId="70091" --> Word Count (4)  
 UserId="70091" --> Word Count (1)  
 UserId="65559" --> Word Count (379)  
 UserId="65559" --> Word Count (10)  
 UserId="65559" --> Word Count (1)  
 UserId="70094" --> Word Count (135)  
 UserId="70094" --> Word Count (6)  
 UserId="70094" --> Word Count (1)  
 UserId="70097" --> Word Count (183)  
 UserId="70097" --> Word Count (15)  
 UserId="70097" --> Word Count (1)  
 UserId="70098" --> Word Count (147)  
 UserId="52291" Comment="Made a less generic title" --> Word Count (12)

UserId="70074" Comment="added 100 characters in body" --> Word Count (225)  
 UserId="67328" --> Word Count (124)  
 UserId="63654" --> Word Count (65)  
 UserId="63654" --> Word Count (171)  
 UserId="63652" --> Word Count (27)  
 UserId="63652" --> Word Count (8)  
 UserId="63652" --> Word Count (1)  
 UserId="69847" --> Word Count (74)  
 UserId="69847" --> Word Count (11)  
 UserId="69847" --> Word Count (1)  
 UserId="867" --> Word Count (102)  
 UserId="867" --> Word Count (38)  
 UserId="70098" Comment="corrected spelling and latex, and also grammar" -->  
 Word Count (153)  
 UserId="70105" --> Word Count (334)  
 UserId="70105" Comment="added 183 characters in body" --> Word Count (337)  
 UserId="63654" --> Word Count (45)  
 UserId="63654" --> Word Count (141)  
 UserId="70107" --> Word Count (195)  
 UserId="70107" --> Word Count (6)  
 UserId="70107" --> Word Count (1)  
 UserId="70108" --> Word Count (76)  
 UserId="38892" Comment="added 12 characters in body" --> Word Count (338)  
 UserId="38892" Comment="added 28 characters in body" --> Word Count (223)  
 UserId="38892" Comment="added 22 characters in body" --> Word Count (66)  
 UserId="70109" --> Word Count (134)  
 UserId="70066" --> Word Count (1447)  
 UserId="70066" Comment="added 69 characters in body" --> Word Count (1459)  
 UserId="70066" --> Word Count (134)  
 UserId="62938" --> Word Count (3322)  
 UserId="62938" --> Word Count (9)  
 UserId="62938" --> Word Count (1)  
 UserId="70078" --> Word Count (64)  
 UserId="70078" --> Word Count (11)  
 UserId="70078" --> Word Count (1)  
 UserId="67328" Comment="Typo" --> Word Count (8)  
 UserId="67328" Comment="Typo" --> Word Count (111)  
 UserId="70066" --> Word Count (272)  
 UserId="867" --> Word Count (142)  
 UserId="70114" --> Word Count (43)  
 UserId="70066" Comment="added 1264 characters in body" --> Word Count (480)  
 UserId="67328" --> Word Count (137)  
 UserId="41771" --> Word Count (92)  
 UserId="67328" --> Word Count (155)  
 UserId="67328" Comment="Link added" --> Word Count (159)  
 UserId="67328" Comment="Bold keywords" --> Word Count (159)  
 UserId="67328" Comment="Wording improved" --> Word Count (159)  
 UserId="50833" --> Word Count (208)

UserId="70066" Comment="Added a paragraph to where to find proper documentation in MATLAB since the answer was given in python" --> Word Count (178)  
 UserId="56313" --> Word Count (108)  
 UserId="56313" Comment="add sum of p metric " --> Word Count (126)  
 UserId="70117" --> Word Count (105)  
 UserId="70117" --> Word Count (12)  
 UserId="70117" --> Word Count (1)  
 UserId="69670" --> Word Count (589)  
 UserId="69670" Comment="added 5 characters in body" --> Word Count (609)  
 UserId="63654" --> Word Count (252)  
 UserId="65323" --> Word Count (70)  
 UserId="15569" --> Word Count (44)  
 UserId="15569" --> Word Count (10)  
 UserId="15569" --> Word Count (1)  
 UserId="65323" --> Word Count (108)  
 UserId="63887" --> Word Count (203)  
 UserId="69670" Comment="added 39 characters in body" --> Word Count (614)  
 UserId="62938" Comment="Fixed typo" --> Word Count (3315)  
 UserId="62938" Comment="Added some generated images for reference" --> Word Count (3344)  
 UserId="70119" --> Word Count (28)  
 UserId="70119" --> Word Count (13)  
 UserId="70119" --> Word Count (1)  
 UserId="70121" --> Word Count (125)  
 UserId="70121" --> Word Count (23)  
 UserId="70121" --> Word Count (1)  
 UserId="67328" --> Word Count (123)  
 UserId="70123" --> Word Count (361)  
 UserId="70123" --> Word Count (8)  
 UserId="70123" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (176)  
 UserId="67328" Comment="Explanation improved" --> Word Count (178)  
 UserId="24968" --> Word Count (184)  
 UserId="24968" --> Word Count (9)  
 UserId="24968" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (180)  
 UserId="67328" Comment="Explanation improved" --> Word Count (195)  
 UserId="67328" Comment="Explanation improved" --> Word Count (207)  
 UserId="67328" Comment="Explanation improved" --> Word Count (239)  
 UserId="52291" Comment="Code format" --> Word Count (75)  
 UserId="67328" Comment="Explanation improved" --> Word Count (107)  
 UserId="67328" Comment="Explanation improved" --> Word Count (173)  
 UserId="70123" Comment="added 7 characters in body" --> Word Count (363)  
 UserId="69646" --> Word Count (440)  
 UserId="69646" --> Word Count (13)  
 UserId="69646" --> Word Count (1)  
 UserId="924" --> Word Count (73)  
 UserId="70126" --> Word Count (225)

UserId="70126" --> Word Count (10)  
 UserId="70126" --> Word Count (1)  
 UserId="69646" Comment="cleared up why I pasted code" --> Word Count (448)  
 UserId="69646" Comment="now I know the trick to use Q-value gradients from  
 pasted link in stats.stackexchange" --> Word Count (506)  
 UserId="68124" --> Word Count (131)  
 UserId="68124" --> Word Count (6)  
 UserId="68124" --> Word Count (1)  
 UserId="70129" --> Word Count (15)  
 UserId="69646" --> Word Count (1131)  
 UserId="29169" Comment="Corrected capitalization issues and question formatting  
 to enhance readability" --> Word Count (368)  
 UserId="69702" --> Word Count (343)  
 UserId="69702" --> Word Count (4)  
 UserId="69702" --> Word Count (1)  
 UserId="67328" Comment="Correction" --> Word Count (148)  
 UserId="67328" Comment="Explanation improved" --> Word Count (159)  
 UserId="26394" --> Word Count (277)  
 UserId="67328" Comment="Wording improved" --> Word Count (162)  
 UserId="70135" --> Word Count (135)  
 UserId="70135" --> Word Count (6)  
 UserId="70135" --> Word Count (1)  
 UserId="67328" Comment="Wording improved" --> Word Count (134)  
 UserId="70136" --> Word Count (97)  
 UserId="70136" --> Word Count (11)  
 UserId="70136" --> Word Count (1)  
 UserId="67328" Comment="Paragraphs re-ordered" --> Word Count (183)  
 UserId="26394" Comment="edited body" --> Word Count (277)  
 UserId="63652" --> Word Count (253)  
 UserId="63652" --> Word Count (9)  
 UserId="63652" --> Word Count (1)  
 UserId="69825" --> Word Count (83)  
 UserId="8878" --> Word Count (249)  
 UserId="45827" --> Word Count (28)  
 UserId="45827" --> Word Count (5)  
 UserId="45827" --> Word Count (1)  
 UserId="69793" --> Word Count (43)  
 UserId="69793" --> Word Count (8)  
 UserId="69793" --> Word Count (1)  
 UserId="70141" --> Word Count (391)  
 UserId="70141" --> Word Count (11)  
 UserId="70141" --> Word Count (1)  
 UserId="70066" --> Word Count (510)  
 UserId="70066" Comment="added 196 characters in body" --> Word Count (542)  
 UserId="70066" Comment="edited body" --> Word Count (483)  
 UserId="62846" Comment="added 30 characters in body" --> Word Count (66)  
 UserId="70143" --> Word Count (282)  
 UserId="65147" --> Word Count (209)

UserId="65147" --> Word Count (20)  
 UserId="65147" --> Word Count (1)  
 UserId="70145" --> Word Count (1368)  
 UserId="70145" --> Word Count (4)  
 UserId="70145" --> Word Count (1)  
 UserId="70145" Comment="edited minor error" --> Word Count (1368)  
 UserId="69671" --> Word Count (1061)  
 UserId="70147" --> Word Count (23)  
 UserId="70147" --> Word Count (9)  
 UserId="70147" --> Word Count (1)  
 UserId="70148" --> Word Count (43)  
 UserId="70148" --> Word Count (6)  
 UserId="70148" --> Word Count (1)  
 UserId="69557" --> Word Count (34)  
 UserId="69557" --> Word Count (5)  
 UserId="69557" --> Word Count (1)  
 UserId="52089" --> Word Count (125)  
 UserId="29169" Comment="Corrected spelling issues and phrasing issues." -->  
 Word Count (78)  
 UserId="29169" Comment="Corrected spelling issues and phrasing issues." -->  
 Word Count (11)  
 UserId="62846" Comment="added 53 characters in body" --> Word Count (74)  
 UserId="70152" --> Word Count (21)  
 UserId="70152" --> Word Count (5)  
 UserId="70152" --> Word Count (1)  
 UserId="70153" --> Word Count (45)  
 UserId="70153" --> Word Count (7)  
 UserId="70153" --> Word Count (1)  
 UserId="63488" --> Word Count (152)  
 UserId="63488" --> Word Count (9)  
 UserId="63488" --> Word Count (1)  
 UserId="70152" --> Word Count (61)  
 UserId="70152" --> Word Count (8)  
 UserId="70152" --> Word Count (1)  
 UserId="69822" --> Word Count (495)  
 UserId="69822" --> Word Count (7)  
 UserId="69822" --> Word Count (1)  
 UserId="39322" --> Word Count (219)  
 UserId="39322" --> Word Count (9)  
 UserId="39322" --> Word Count (1)  
 UserId="69557" Comment="added 159 characters in body" --> Word Count (60)  
 UserId="69822" Comment="edited body" --> Word Count (495)  
 UserId="836" Comment="added 170 characters in body" --> Word Count (79)  
 UserId="67681" --> Word Count (70)  
 UserId="67328" Comment="Remove intro message" --> Word Count (218)  
 UserId="67328" Comment="Explanation improved" --> Word Count (240)  
 UserId="67328" Comment="Explanation improved" --> Word Count (308)  
 UserId="67328" Comment="Explanation improved" --> Word Count (311)

UserId="67328" Comment="Wording improved" --> Word Count (309)  
 UserId="-1" Comment="102" --> Word Count (4)  
 UserId="70163" --> Word Count (379)  
 UserId="70163" --> Word Count (10)  
 UserId="70163" --> Word Count (1)  
 UserId="70066" Comment="added 8 characters in body; deleted 12 characters in body" --> Word Count (1447)  
 UserId="52291" --> Word Count (140)  
 UserId="67328" Comment="Explanation improved" --> Word Count (312)  
 UserId="67328" Comment="Explanation improved" --> Word Count (248)  
 UserId="70169" --> Word Count (140)  
 UserId="70169" --> Word Count (10)  
 UserId="70169" --> Word Count (1)  
 UserId="70173" --> Word Count (36)  
 UserId="70173" --> Word Count (9)  
 UserId="70173" --> Word Count (1)  
 UserId="836" --> Word Count (699)  
 UserId="64689" --> Word Count (274)  
 UserId="64689" --> Word Count (5)  
 UserId="64689" --> Word Count (1)  
 UserId="67328" --> Word Count (83)  
 UserId="26019" Comment="edited body" --> Word Count (400)  
 UserId="33603" --> Word Count (194)  
 UserId="52291" --> Word Count (1655)  
 UserId="70066" --> Word Count (398)  
 UserId="63718" --> Word Count (93)  
 UserId="63718" --> Word Count (8)  
 UserId="63718" --> Word Count (1)  
 UserId="52291" Comment="Made it clear that the problem needs labelled data" --> Word Count (1679)  
 UserId="70066" --> Word Count (112)  
 UserId="70182" --> Word Count (492)  
 UserId="70182" --> Word Count (15)  
 UserId="70182" --> Word Count (1)  
 UserId="24968" Comment="Added tags" --> Word Count (1)  
 UserId="68433" --> Word Count (172)  
 UserId="68433" --> Word Count (13)  
 UserId="68433" --> Word Count (1)  
 UserId="52291" Comment="Specified that spaCy uses Python" --> Word Count (1681)  
 UserId="66759" --> Word Count (93)  
 UserId="66759" --> Word Count (6)  
 UserId="66759" --> Word Count (1)  
 UserId="33603" --> Word Count (76)  
 UserId="52291" --> Word Count (44)  
 UserId="24818" --> Word Count (97)  
 UserId="69822" Comment="added 3346 characters in body; edited tags" --> Word Count (1242)  
 UserId="69822" Comment="added 3346 characters in body; edited tags" --> Word

Count (1)

UserId="60648" --> Word Count (178)  
 UserId="38505" --> Word Count (146)  
 UserId="38505" --> Word Count (8)  
 UserId="38505" --> Word Count (1)  
 UserId="69994" --> Word Count (233)  
 UserId="69994" --> Word Count (6)  
 UserId="69994" --> Word Count (1)  
 UserId="69994" Comment="edited title" --> Word Count (5)  
 UserId="52157" --> Word Count (55)  
 UserId="67328" --> Word Count (142)  
 UserId="67328" Comment="Explanation improved" --> Word Count (115)  
 UserId="70143" Comment="added 69 characters in body" --> Word Count (293)  
 UserId="67328" Comment="Explanation improved" --> Word Count (145)  
 UserId="50146" --> Word Count (326)  
 UserId="50146" --> Word Count (8)  
 UserId="50146" --> Word Count (1)  
 UserId="67328" Comment="Wording improved" --> Word Count (148)  
 UserId="52291" Comment="Made proper code blocks" --> Word Count (552)  
 UserId="69822" Comment="corrected spelling" --> Word Count (114)  
 UserId="-1" Comment="104" --> Word Count (5)  
 UserId="67328" Comment="Wording improved" --> Word Count (146)  
 UserId="67328" Comment="Explanation improved" --> Word Count (164)  
 UserId="70145" --> Word Count (48)  
 UserId="44477" --> Word Count (79)  
 UserId="44477" --> Word Count (11)  
 UserId="44477" --> Word Count (1)  
 UserId="41591" --> Word Count (88)  
 UserId="41591" --> Word Count (9)  
 UserId="41591" --> Word Count (1)  
 UserId="867" Comment="deleted 2 characters in body" --> Word Count (141)  
 UserId="70145" Comment="minor edits" --> Word Count (1633)  
 UserId="70066" Comment="Correct spelling and grammatical errors" --> Word Count (1448)  
 UserId="67328" Comment="Explanation improved" --> Word Count (191)  
 UserId="67328" Comment="Explanation improved" --> Word Count (226)  
 UserId="140" Comment="added 405 characters in body" --> Word Count (194)  
 UserId="68334" --> Word Count (275)  
 UserId="68334" --> Word Count (14)  
 UserId="68334" --> Word Count (1)  
 UserId="25529" --> Word Count (48)  
 UserId="25529" --> Word Count (63)  
 UserId="69527" --> Word Count (44)  
 UserId="69527" Comment="added 163 characters in body" --> Word Count (58)  
 UserId="69527" --> Word Count (82)  
 UserId="63504" --> Word Count (48)  
 UserId="69527" Comment="added 127 characters in body" --> Word Count (96)  
 UserId="23240" --> Word Count (230)



UserId="68413" --> Word Count (85)  
 UserId="68413" --> Word Count (5)  
 UserId="68413" --> Word Count (1)  
 UserId="68413" Comment="edited tags" --> Word Count (1)  
 UserId="69527" Comment="Changed argumentation to augmentation (correct word) and added a relevant tag" --> Word Count (43)  
 UserId="69527" Comment="Changed argumentation to augmentation (correct word) and added a relevant tag" --> Word Count (10)  
 UserId="69527" Comment="Changed argumentation to augmentation (correct word) and added a relevant tag" --> Word Count (1)  
 UserId="55122" --> Word Count (53)  
 UserId="50146" Comment="Update on the training weight file" --> Word Count (349)  
 UserId="68260" --> Word Count (116)  
 UserId="21" Comment="104" --> Word Count (2)  
 UserId="21" Comment="105" --> Word Count (5)  
 UserId="25442" --> Word Count (151)  
 UserId="25442" --> Word Count (3)  
 UserId="25442" --> Word Count (1)  
 UserId="9465" --> Word Count (46)  
 UserId="60785" --> Word Count (230)  
 UserId="60785" --> Word Count (8)  
 UserId="60785" --> Word Count (1)  
 UserId="41771" --> Word Count (49)  
 UserId="60785" Comment="deleted 78 characters in body" --> Word Count (215)  
 UserId="69590" --> Word Count (398)  
 UserId="69590" --> Word Count (8)  
 UserId="69590" --> Word Count (1)  
 UserId="11097" --> Word Count (163)  
 UserId="64689" Comment="s/with/without/ in title" --> Word Count (5)  
 UserId="63718" Comment="added 6 characters in body; edited tags" --> Word Count (94)  
 UserId="63718" Comment="added 6 characters in body; edited tags" --> Word Count (1)  
 UserId="867" --> Word Count (29)  
 UserId="63654" --> Word Count (136)  
 UserId="70152" --> Word Count (22)  
 UserId="63654" --> Word Count (133)  
 UserId="63652" --> Word Count (51)  
 UserId="63652" --> Word Count (4)  
 UserId="63652" --> Word Count (1)  
 UserId="67971" Comment="removed unnecessary words, improved formatting." --> Word Count (1133)  
 UserId="63652" --> Word Count (38)  
 UserId="63652" --> Word Count (5)  
 UserId="63652" --> Word Count (1)  
 UserId="63652" Comment="added 117 characters in body" --> Word Count (57)  
 UserId="67971" Comment="removed unnecessary words." --> Word Count (785)

UserId="70147" Comment="added 88 characters in body" --> Word Count (37)  
 UserId="28175" --> Word Count (135)  
 UserId="28175" Comment="deleted 4 characters in body; edited tags" --> Word Count (91)  
 UserId="28175" Comment="deleted 4 characters in body; edited tags" --> Word Count (1)  
 UserId="69845" --> Word Count (222)  
 UserId="69845" --> Word Count (20)  
 UserId="69845" --> Word Count (1)  
 UserId="70215" --> Word Count (101)  
 UserId="70215" --> Word Count (15)  
 UserId="70215" --> Word Count (1)  
 UserId="69845" Comment="edited title" --> Word Count (8)  
 UserId="62846" Text="Based on my understanding, gpt or gpt-2 are using language model loss to train and generate text, which do not contains GAN.&#xD;&#xA;&#xD;&#xA;So which is better: GPT vs RelGAN/LeakGAN/SeqGAN/ --> Word Count (8)  
 UserId="62846" --> Word Count (9)  
 UserId="62846" --> Word Count (1)  
 UserId="69822" Comment="added 87 characters in body" --> Word Count (1258)  
 UserId="14675" --> Word Count (202)  
 UserId="69994" Comment="added 4 characters in body" --> Word Count (234)  
 UserId="50146" Comment="added 84 characters in body" --> Word Count (361)  
 UserId="67681" --> Word Count (74)  
 UserId="69822" Comment="added 14 characters in body" --> Word Count (1259)  
 UserId="16111" --> Word Count (57)  
 UserId="16111" --> Word Count (15)  
 UserId="16111" --> Word Count (1)  
 UserId="67681" --> Word Count (83)  
 UserId="67328" Comment="Explanation improved" --> Word Count (377)  
 UserId="41771" --> Word Count (43)  
 UserId="67328" Comment="Wording improved" --> Word Count (377)  
 UserId="28175" --> Word Count (75)  
 UserId="28175" Comment="edited tags" --> Word Count (1)  
 UserId="64830" --> Word Count (62)  
 UserId="64830" --> Word Count (4)  
 UserId="64830" --> Word Count (1)  
 UserId="64830" Comment="added 23 characters in body" --> Word Count (66)  
 UserId="59171" --> Word Count (59)  
 UserId="59171" --> Word Count (20)  
 UserId="67328" Comment="Wording improved" --> Word Count (493)  
 UserId="70066" --> Word Count (182)  
 UserId="67412" --> Word Count (266)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="56922" --> Word Count (111)  
 UserId="56922" Comment="added 280 characters in body" --> Word Count (163)  
 UserId="70224" --> Word Count (80)

UserId="70224" --> Word Count (10)  
 UserId="70224" --> Word Count (1)  
 UserId="67328" Comment="Title wording improved" --> Word Count (9)  
 UserId="67328" Comment="A title that better reflects the question and answer"  
 --> Word Count (9)  
 UserId="67328" Comment="Title better reflecting the exact words in the question"  
 --> Word Count (11)  
 UserId="70227" --> Word Count (93)  
 UserId="70227" --> Word Count (14)  
 UserId="70227" --> Word Count (1)  
 UserId="67328" Comment="Section title added" --> Word Count (495)  
 UserId="25180" Comment="formatting" --> Word Count (86)  
 UserId="67328" Comment="Better choice of word" --> Word Count (9)  
 UserId="56922" Comment="added 2 characters in body" --> Word Count (165)  
 UserId="25180" Comment="grammar corrections" --> Word Count (260)  
 UserId="25180" Comment="grammar corrections" --> Word Count (76)  
 UserId="25180" Comment="grammar corrections" --> Word Count (11)  
 UserId="41771" --> Word Count (95)  
 UserId="70227" Comment="added 4 characters in body" --> Word Count (93)  
 UserId="67328" Comment="Explanation improved" --> Word Count (556)  
 UserId="67328" Comment="Punctuation" --> Word Count (556)  
 UserId="70066" Comment="added 4 characters in body" --> Word Count (184)  
 UserId="69822" --> Word Count (61)  
 UserId="69822" --> Word Count (21)  
 UserId="69822" --> Word Count (1)  
 UserId="41771" --> Word Count (85)  
 UserId="70241" --> Word Count (41)  
 UserId="70241" --> Word Count (10)  
 UserId="70241" --> Word Count (1)  
 UserId="65323" --> Word Count (203)  
 UserId="33603" --> Word Count (119)  
 UserId="33603" Comment="added 115 characters in body" --> Word Count (157)  
 UserId="67328" --> Word Count (157)  
 UserId="52595" --> Word Count (78)  
 UserId="52595" --> Word Count (10)  
 UserId="52595" --> Word Count (1)  
 UserId="70243" --> Word Count (67)  
 UserId="70243" --> Word Count (7)  
 UserId="70243" --> Word Count (1)  
 UserId="70237" --> Word Count (175)  
 UserId="70237" --> Word Count (13)  
 UserId="70237" --> Word Count (1)  
 UserId="70234" --> Word Count (754)  
 UserId="70234" --> Word Count (3)  
 UserId="70234" --> Word Count (1)  
 UserId="67328" --> Word Count (96)  
 UserId="2723" --> Word Count (189)  
 UserId="67328" Comment="Explanation improved" --> Word Count (111)

UserId="67328" Comment="Wording improved" --> Word Count (157)  
 UserId="63652" --> Word Count (87)  
 UserId="63652" --> Word Count (9)  
 UserId="63652" --> Word Count (1)  
 UserId="70243" Comment="added 631 characters in body" --> Word Count (158)  
 UserId="70254" --> Word Count (90)  
 UserId="70254" --> Word Count (6)  
 UserId="70254" --> Word Count (1)  
 UserId="70243" Comment="added 6 characters in body" --> Word Count (157)  
 UserId="70254" --> Word Count (104)  
 UserId="67328" --> Word Count (192)  
 UserId="67328" Comment="Title improved" --> Word Count (11)  
 UserId="70259" --> Word Count (100)  
 UserId="70259" --> Word Count (10)  
 UserId="70259" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (219)  
 UserId="67328" Comment="Wording improved" --> Word Count (157)  
 UserId="69822" --> Word Count (152)  
 UserId="69822" --> Word Count (13)  
 UserId="69822" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (157)  
 UserId="54846" --> Word Count (497)  
 UserId="54846" --> Word Count (8)  
 UserId="54846" --> Word Count (1)  
 UserId="67328" Comment="Wording improved" --> Word Count (111)  
 UserId="29169" Comment="deleted 1 character in body; added 35 characters in body; added 8 characters in body" --> Word Count (136)  
 UserId="29169" Comment="deleted 58 characters in body" --> Word Count (126)  
 UserId="67328" Comment="Wording improved" --> Word Count (117)  
 UserId="29169" Comment="added 1 character in body" --> Word Count (126)  
 UserId="70267" --> Word Count (29)  
 UserId="70267" --> Word Count (3)  
 UserId="70267" --> Word Count (1)  
 UserId="23305" --> Word Count (98)  
 UserId="67328" Comment="Explanation improved" --> Word Count (236)  
 UserId="67328" Comment="Explanation improved" --> Word Count (236)  
 UserId="67328" Comment="Explanation improved" --> Word Count (243)  
 UserId="67328" Comment="Explanation improved" --> Word Count (237)  
 UserId="70237" --> Word Count (30)  
 UserId="70237" --> Word Count (24)  
 UserId="70237" --> Word Count (1)  
 UserId="67328" Comment="More general title due to the general answer" --> Word Count (12)  
 UserId="69481" --> Word Count (178)  
 UserId="69481" --> Word Count (10)  
 UserId="69481" --> Word Count (1)  
 UserId="70274" --> Word Count (98)  
 UserId="70274" --> Word Count (7)

UserId="70274" --> Word Count (1)  
 UserId="29169" Comment="Corrected phrasing and capitalization errors" --> Word Count (89)  
 UserId="59171" Comment="added 142 characters in body" --> Word Count (21)  
 UserId="68023" --> Word Count (156)  
 UserId="70285" --> Word Count (357)  
 UserId="70285" --> Word Count (8)  
 UserId="70285" --> Word Count (1)  
 UserId="29169" Comment="Corrected capitalization errors" --> Word Count (63)  
 UserId="70285" Comment="added 36 characters in body" --> Word Count (361)  
 UserId="29169" Comment="Corrected capitalization errors." --> Word Count (38)  
 UserId="70169" Comment="edited tags" --> Word Count (1)  
 UserId="56784" --> Word Count (16)  
 UserId="56784" --> Word Count (10)  
 UserId="56784" --> Word Count (1)  
 UserId="70227" Comment="added 248 characters in body" --> Word Count (134)  
 UserId="29169" Comment="Spelling error in the title." --> Word Count (10)  
 UserId="42242" --> Word Count (117)  
 UserId="42242" --> Word Count (8)  
 UserId="42242" --> Word Count (1)  
 UserId="70227" Comment="added 2 characters in body" --> Word Count (134)  
 UserId="69470" --> Word Count (809)  
 UserId="70299" --> Word Count (38)  
 UserId="70299" --> Word Count (10)  
 UserId="70299" --> Word Count (1)  
 UserId="70300" --> Word Count (267)  
 UserId="70300" --> Word Count (6)  
 UserId="70300" --> Word Count (1)  
 UserId="70300" Comment="deleted 229 characters in body" --> Word Count (80)  
 UserId="69822" Comment="edited body" --> Word Count (153)  
 UserId="69822" Comment="edited body" --> Word Count (13)  
 UserId="52595" Comment="added 276 characters in body" --> Word Count (123)  
 UserId="70304" --> Word Count (67)  
 UserId="45374" --> Word Count (88)  
 UserId="70306" --> Word Count (20)  
 UserId="70306" Comment="added 194 characters in body" --> Word Count (53)  
 UserId="70307" --> Word Count (259)  
 UserId="70307" --> Word Count (15)  
 UserId="70307" --> Word Count (1)  
 UserId="67328" Comment="Wording improved" --> Word Count (244)  
 UserId="70307" Comment="deleted 5 characters in body" --> Word Count (259)  
 UserId="67328" Comment="Wording improved" --> Word Count (251)  
 UserId="67328" Comment="Title better reflects the question keywords" --> Word Count (12)  
 UserId="67328" Comment="Wording improved" --> Word Count (292)  
 UserId="52595" Comment="added 27 characters in body" --> Word Count (124)  
 UserId="68220" --> Word Count (290)  
 UserId="50406" --> Word Count (59)

UserId="43077" Comment="deleted 259 characters in body" --> Word Count (531)  
 UserId="43077" Comment="edited title" --> Word Count (10)  
 UserId="63652" --> Word Count (131)  
 UserId="63652" --> Word Count (7)  
 UserId="63652" --> Word Count (1)  
 UserId="64581" Text="\*\*Try this:\*\*&#xD;&#xA;&#xD;&#xA;1. Make the data stationary (remove trends and seasonality).&#xD;&#xA;2. Implement PACF analysis on the label data (For eg: Load) and find out the optimal lag value. Usually, you need to know how to interpret PACF plots.&#xD;&#xA;3. Apply the sliding window on the whole data (t+o, t-o) where o is the optimal lag value.&#xD;&#xA;4. Apply walk forward validation to train and test the models.&#xD;&#xA;&#xD;&#xA;The way to escape sliding window is to use Recurrent Neural Networks but believe me, the method I suggested is worth it.&#xD;&#xA;&#xD;&#xA;If you want the code:&#xD;&#xA;<https://machinelearningmastery.com/time-series-forecasting-supervised-learning/>&#xD;&#xA;&#xD;&#xA;This can help too: [Master Thesis research applicable to your question] [1]&#xD;&#xA;&#xD;&#xA;&#xD;&#xA; [1]: [http://bth.diva-portal.org/smash/record.jsf?aq2=%5B%5B%5D%5D&amp;c=1&amp;af=%5B%5D&amp;searchType=SIMPLE&amp;sortOrder2=title\\_sort\\_asc&amp;query=aniruddh&amp;language=en&amp;pid=diva2%3A1291227&amp;aq=%5B%5B%5D%5D&amp;sf=all&amp;aqe=%5B%5D&amp;sortOrder=author\\_sort\\_asc&amp;onlyFull](http://bth.diva-portal.org/smash/record.jsf?aq2=%5B%5B%5D%5D&amp;c=1&amp;af=%5B%5D&amp;searchType=SIMPLE&amp;sortOrder2=title_sort_asc&amp;query=aniruddh&amp;language=en&amp;pid=diva2%3A1291227&amp;aq=%5B%5B%5D%5D&amp;sf=all&amp;aqe=%5B%5D&amp;sortOrder=author_sort_asc&amp;onlyFull) --> Word Count (1)  
 UserId="50406" Comment="edited body" --> Word Count (59)  
 UserId="70316" --> Word Count (23)  
 UserId="70316" --> Word Count (6)  
 UserId="70316" --> Word Count (1)  
 UserId="54846" --> Word Count (187)  
 UserId="64581" --> Word Count (45)  
 UserId="69843" --> Word Count (37)  
 UserId="69843" --> Word Count (4)  
 UserId="69843" --> Word Count (1)  
 UserId="60785" Comment="edited body" --> Word Count (215)  
 UserId="67328" --> Word Count (249)  
 UserId="25157" --> Word Count (74)  
 UserId="55122" --> Word Count (87)  
 UserId="67328" --> Word Count (63)  
 UserId="67328" Comment="Explanation improved" --> Word Count (58)  
 UserId="25180" Comment="typos corrected, syntax highlighting" --> Word Count (293)  
 UserId="67328" Comment="Wording improved" --> Word Count (78)  
 UserId="66295" --> Word Count (103)  
 UserId="66295" --> Word Count (16)  
 UserId="66295" --> Word Count (1)  
 UserId="67328" Comment="Wording improved" --> Word Count (50)  
 UserId="70325" --> Word Count (107)  
 UserId="70325" --> Word Count (8)  
 UserId="70325" --> Word Count (1)  
 UserId="67328" Comment="Wording improved" --> Word Count (79)  
 UserId="56922" --> Word Count (95)

UserId="70329" --> Word Count (59)  
 UserId="70329" --> Word Count (7)  
 UserId="70329" --> Word Count (1)  
 UserId="40734" --> Word Count (88)  
 UserId="40734" --> Word Count (10)  
 UserId="40734" --> Word Count (1)  
 UserId="70330" --> Word Count (86)  
 UserId="39934" --> Word Count (62)  
 UserId="39934" --> Word Count (14)  
 UserId="39934" --> Word Count (1)  
 UserId="27855" --> Word Count (114)  
 UserId="27855" --> Word Count (208)  
 UserId="67328" Comment="Wording improved" --> Word Count (259)  
 UserId="67328" Comment="Explanation correction for derivative of logistic" -->  
 Word Count (290)  
 UserId="67328" Comment="Validation set examples improved" --> Word Count (568)  
 UserId="70337" --> Word Count (105)  
 UserId="70337" --> Word Count (18)  
 UserId="70337" --> Word Count (1)  
 UserId="70342" --> Word Count (277)  
 UserId="70342" --> Word Count (6)  
 UserId="70342" --> Word Count (1)  
 UserId="70307" --> Word Count (32)  
 UserId="67328" --> Word Count (157)  
 UserId="67328" Comment="Wording improved" --> Word Count (157)  
 UserId="67328" Comment="Wording improved" --> Word Count (294)  
 UserId="70343" --> Word Count (69)  
 UserId="70343" --> Word Count (6)  
 UserId="70343" --> Word Count (1)  
 UserId="70342" Comment="added 10 characters in body" --> Word Count (277)  
 UserId="67328" Comment="Typo" --> Word Count (82)  
 UserId="70346" --> Word Count (180)  
 UserId="70346" --> Word Count (6)  
 UserId="70346" --> Word Count (1)  
 UserId="70346" Comment="added 4 characters in body" --> Word Count (181)  
 UserId="13748" --> Word Count (262)  
 UserId="67328" Comment="Data distribution is fix, typos" --> Word Count (260)  
 UserId="52356" --> Word Count (171)  
 UserId="52356" --> Word Count (7)  
 UserId="52356" --> Word Count (1)  
 UserId="50541" --> Word Count (148)  
 UserId="50541" --> Word Count (13)  
 UserId="50541" --> Word Count (1)  
 UserId="25180" Comment="formatting" --> Word Count (86)  
 UserId="70348" --> Word Count (61)  
 UserId="67328" Comment="Wording improved" --> Word Count (156)  
 UserId="70237" --> Word Count (49)  
 UserId="70237" --> Word Count (5)

UserId="70237" --> Word Count (1)  
 UserId="70342" Comment="added 735 characters in body" --> Word Count (383)  
 UserId="70342" Comment="Added math notation" --> Word Count (378)  
 UserId="70342" Comment="Added math notation" --> Word Count (6)  
 UserId="67328" --> Word Count (720)  
 UserId="67328" Comment="Explanation improved" --> Word Count (719)  
 UserId="70066" --> Word Count (316)  
 UserId="54803" --> Word Count (177)  
 UserId="54803" --> Word Count (4)  
 UserId="54803" --> Word Count (1)  
 UserId="70342" Comment="added 27 characters in body" --> Word Count (384)  
 UserId="54803" Comment="added hyperlink" --> Word Count (180)  
 UserId="24968" Comment="Added terminal output" --> Word Count (231)  
 UserId="41771" --> Word Count (96)  
 UserId="20618" --> Word Count (105)  
 UserId="20618" --> Word Count (9)  
 UserId="20618" --> Word Count (1)  
 UserId="20618" Comment="added 9 characters in body" --> Word Count (108)  
 UserId="-1" --> Word Count (1)  
 UserId="11097" Comment="102" --> Word Count (1)  
 UserId="50406" --> Word Count (98)  
 UserId="50406" --> Word Count (83)  
 UserId="50406" --> Word Count (69)  
 UserId="50406" --> Word Count (6)  
 UserId="50406" --> Word Count (1)  
 UserId="41771" --> Word Count (46)  
 UserId="50406" Comment="Just a little update on the text organisation. " -->  
 Word Count (69)  
 UserId="50406" Comment="a little grammatical mistake corrected " --> Word Count  
 (69)  
 UserId="70363" --> Word Count (20)  
 UserId="70363" --> Word Count (11)  
 UserId="70363" --> Word Count (1)  
 UserId="50406" Comment="Added a link" --> Word Count (105)  
 UserId="42242" --> Word Count (53)  
 UserId="42242" --> Word Count (7)  
 UserId="42242" --> Word Count (1)  
 UserId="41771" --> Word Count (27)  
 UserId="41771" --> Word Count (55)  
 UserId="58155" --> Word Count (180)  
 UserId="58155" --> Word Count (15)  
 UserId="58155" --> Word Count (1)  
 UserId="33759" --> Word Count (206)  
 UserId="67328" Comment="Formatting" --> Word Count (278)  
 UserId="67328" Comment="Notation improved" --> Word Count (159)  
 UserId="67328" Comment="Wording improved" --> Word Count (273)  
 UserId="67328" Comment="Title keywords enriched" --> Word Count (8)  
 UserId="67328" Comment="Explanation improved" --> Word Count (263)



UserId="50406" Comment="Simplified the answer to understand." --> Word Count (51)  
 UserId="70001" --> Word Count (237)  
 UserId="70001" --> Word Count (10)  
 UserId="70001" --> Word Count (1)  
 UserId="70346" Comment="Added more information about the models we're testing" --> Word Count (201)  
 UserId="67328" Comment="Title keywords improved, image changed to formula" --> Word Count (29)  
 UserId="67328" Comment="Title keywords improved, image changed to formula" --> Word Count (10)  
 UserId="67328" Comment="Minor" --> Word Count (273)  
 UserId="66194" --> Word Count (89)  
 UserId="66194" --> Word Count (10)  
 UserId="66194" --> Word Count (1)  
 UserId="38623" --> Word Count (54)  
 UserId="38623" --> Word Count (16)  
 UserId="38623" --> Word Count (1)  
 UserId="56922" Comment="adding more detail" --> Word Count (222)  
 UserId="70387" --> Word Count (17)  
 UserId="67755" --> Word Count (610)  
 UserId="67755" --> Word Count (10)  
 UserId="67755" --> Word Count (1)  
 UserId="15902" Text="I am trying to build a ML system which extracts financial data from Tables.&#xD;&#xA;&#xD;&#xA;Sample table is like below.&#xD;&#xA;&#xD;&#xA;[![enter image description here][1]][1]&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;From the above image you can see **Net sales** is an attribute along with two values 2707.1 and 1994.5 for 2 different quarters. So I want to extract those data with meta data like The date, Quarter, Currency value etc.,. Like below image.&#xD;&#xA;[![enter image description here][2]][2]&#xD;&#xA;&#xD;&#xA;Normally if it is in Free --> Word Count (36)  
 UserId="15902" --> Word Count (6)  
 UserId="15902" --> Word Count (1)  
 UserId="67755" Comment="added 181 characters in body" --> Word Count (642)  
 UserId="66386" --> Word Count (190)  
 UserId="67328" --> Word Count (262)  
 UserId="67328" Comment="Explanation improved" --> Word Count (268)  
 UserId="67328" Comment="edited tags" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="70393" --> Word Count (320)  
 UserId="70393" --> Word Count (8)  
 UserId="70393" --> Word Count (1)  
 UserId="33759" --> Word Count (38)  
 UserId="70397" --> Word Count (114)  
 UserId="70397" --> Word Count (9)  
 UserId="70397" --> Word Count (1)  
 UserId="70402" --> Word Count (102)

UserId="8219" --> Word Count (42)  
 UserId="65954" --> Word Count (106)  
 UserId="70407" --> Word Count (226)  
 UserId="70407" --> Word Count (15)  
 UserId="70407" --> Word Count (1)  
 UserId="11097" Comment="103" --> Word Count (4)  
 UserId="29169" Comment="Corrected formatting and capitalization errors, clarified title." --> Word Count (54)  
 UserId="29169" Comment="Corrected formatting and capitalization errors, clarified title." --> Word Count (7)  
 UserId="67328" Comment="added 122 characters in body" --> Word Count (17)  
 UserId="29169" Comment="Corrected minor phrasing issues to enhance readability." --> Word Count (84)  
 UserId="24968" Comment="Reformatted link as text" --> Word Count (106)  
 UserId="59171" Comment="added 456 characters in body" --> Word Count (72)  
 UserId="29169" Comment="Edited phrasing, question formatting, and added relevant tag" --> Word Count (47)  
 UserId="29169" Comment="Edited phrasing, question formatting, and added relevant tag" --> Word Count (7)  
 UserId="29169" Comment="Edited phrasing, question formatting, and added relevant tag" --> Word Count (1)  
 UserId="29169" Comment="Corrected phrasing and title" --> Word Count (38)  
 UserId="29169" Comment="Corrected phrasing and title" --> Word Count (11)  
 UserId="70406" --> Word Count (260)  
 UserId="70406" --> Word Count (10)  
 UserId="70406" --> Word Count (1)  
 UserId="70407" Comment="deleted 76 characters in body" --> Word Count (213)  
 UserId="56446" --> Word Count (312)  
 UserId="56446" --> Word Count (9)  
 UserId="56446" --> Word Count (1)  
 UserId="70073" --> Word Count (408)  
 UserId="70073" --> Word Count (7)  
 UserId="70073" --> Word Count (1)  
 UserId="52291" --> Word Count (47)  
 UserId="70085" --> Word Count (56)  
 UserId="70085" --> Word Count (5)  
 UserId="70085" --> Word Count (1)  
 UserId="52291" --> Word Count (37)  
 UserId="52291" Comment="Added link" --> Word Count (59)  
 UserId="67328" Comment="Title better reflects the keywords in question" --> Word Count (8)  
 UserId="68283" --> Word Count (425)  
 UserId="68283" --> Word Count (10)  
 UserId="68283" --> Word Count (1)  
 UserId="66863" --> Word Count (60)  
 UserId="66863" --> Word Count (10)  
 UserId="66863" --> Word Count (1)  
 UserId="1330" --> Word Count (60)

UserId="28175" --> Word Count (202)  
UserId="28175" Comment="deleted 9 characters in body; edited tags" --> Word Count (59)  
UserId="28175" Comment="deleted 9 characters in body; edited tags" --> Word Count (1)  
UserId="67418" --> Word Count (72)  
UserId="67418" --> Word Count (6)  
UserId="67418" --> Word Count (1)  
UserId="67328" --> Word Count (68)  
UserId="67328" Comment="Explanation improved" --> Word Count (88)  
UserId="59004" --> Word Count (61)  
UserId="59004" --> Word Count (7)  
UserId="59004" --> Word Count (1)  
UserId="924" --> Word Count (76)  
UserId="68148" --> Word Count (338)  
UserId="68148" --> Word Count (13)  
UserId="68148" --> Word Count (1)  
UserId="70414" --> Word Count (68)  
UserId="924" Comment="edited tags" --> Word Count (1)  
UserId="1330" Comment="added 9 characters in body" --> Word Count (61)  
UserId="54721" --> Word Count (114)  
UserId="54721" --> Word Count (19)  
UserId="54721" --> Word Count (1)  
UserId="70413" --> Word Count (41)  
UserId="8335" Comment="Fix typo about p\_rain" --> Word Count (239)  
UserId="66863" Comment="added 127 characters in body" --> Word Count (82)  
UserId="70220" --> Word Count (43)  
UserId="70220" --> Word Count (9)  
UserId="70220" --> Word Count (1)  
UserId="57186" --> Word Count (36)  
UserId="57186" --> Word Count (4)  
UserId="57186" --> Word Count (1)  
UserId="23305" --> Word Count (259)  
UserId="70420" --> Word Count (225)  
UserId="70420" --> Word Count (8)  
UserId="70420" --> Word Count (1)  
UserId="69671" Comment="Changed to the raw K function version" --> Word Count (297)  
UserId="29169" Comment="Formatted code correctly" --> Word Count (147)  
UserId="43077" Comment="added 13 characters in body" --> Word Count (278)  
UserId="57973" --> Word Count (213)  
UserId="57973" --> Word Count (10)  
UserId="57973" --> Word Count (1)  
UserId="59987" --> Word Count (109)  
UserId="59987" --> Word Count (122)  
UserId="69538" --> Word Count (69)  
UserId="69538" --> Word Count (19)  
UserId="69538" --> Word Count (1)

UserId="15902" Comment="added 149 characters in body" Text="I am trying to build a ML system which extracts financial data from Tables.&#xD;&#xA;&#xD;&#xA;Sample table is like below.&#xD;&#xA;&#xD;&#xA;[[enter image description here] [1]] [1]&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;From the above image you can see **\*\*Net sales\*\*** is an attribute along with two values 2707.1 and 1994.5 for 2 different quarters. So I want to extract those data with meta data like The date, Quarter, Currency value etc.,. Like below image.&#xD;&#xA;[[enter image description here] [2]] [2]&#xD;&#xA;&#xD;&#xA;Normally if it is in Free --> Word Count (43)  
 UserId="59004" Comment="added 4 characters in body" --> Word Count (61)  
 UserId="59004" Comment="added 4 characters in body" --> Word Count (6)  
 UserId="59004" Comment="added 43 characters in body" --> Word Count (71)  
 UserId="44389" --> Word Count (145)  
 UserId="44389" --> Word Count (10)  
 UserId="44389" --> Word Count (1)  
 UserId="69971" --> Word Count (221)  
 UserId="69971" --> Word Count (5)  
 UserId="69971" --> Word Count (1)  
 UserId="47791" --> Word Count (106)  
 UserId="59004" Comment="added 143 characters in body" --> Word Count (98)  
 UserId="53812" --> Word Count (6)  
 UserId="50833" --> Word Count (113)  
 UserId="50833" --> Word Count (7)  
 UserId="50833" --> Word Count (1)  
 UserId="70435" --> Word Count (73)  
 UserId="70435" --> Word Count (10)  
 UserId="70435" --> Word Count (1)  
 UserId="69822" Text="I have at my disposal millions of **\*\*wav\*\*** files containing recorded conversations between employees and clients, i'm doing some research on the possibility of creating a good **\*\*speech recognition engine\*\***. I've tested **\*\*Google's Speech-To-** --> Word Count (102)  
 UserId="69822" --> Word Count (14)  
 UserId="69822" --> Word Count (1)  
 UserId="41771" --> Word Count (67)  
 UserId="67328" Comment="Wording improved" --> Word Count (266)  
 UserId="61417" --> Word Count (97)  
 UserId="61417" --> Word Count (7)  
 UserId="61417" --> Word Count (1)  
 UserId="25180" Comment="grammar corrections" --> Word Count (102)  
 UserId="25180" Comment="grammar corrections" --> Word Count (10)  
 UserId="41771" Text="Yes, having lots of recorded conversations is great for building a speech recognition system. You will still have to create training samples (Each sample will be parts of Wave file --> text), but you will need lesser number of samples. &#xD;&#xA;&#xD;&#xA;High level steps are :&#xD;&#xA;&#xD;&#xA; 1. Train a GAN on raw audio &#xD;&#xA; 2. Train Language models on raw text data (need not be from these conversations, but has to be from same domain). For example, if conversations are related to medical, train language model on medical text. &#xD;&#xA; 3. Merge these models and train on labeled samples &#xD;&#xA;&#xD;&#xA;For step 1, Google WaveNet is a good example

(it is eventually used for Test-to-Speech, it is a component in Speech-t- -->  
Word Count (11)  
UserId="59004" --> Word Count (86)  
UserId="59004" --> Word Count (8)  
UserId="59004" --> Word Count (1)  
UserId="67328" Comment="Wording improved" --> Word Count (358)  
UserId="53812" --> Word Count (41)  
UserId="53812" --> Word Count (138)  
UserId="67328" Comment="Wording improved" --> Word Count (356)  
UserId="66863" --> Word Count (344)  
UserId="66863" --> Word Count (10)  
UserId="66863" --> Word Count (1)  
UserId="28931" --> Word Count (110)  
UserId="67328" --> Word Count (233)  
UserId="67328" Comment="Wording improved" --> Word Count (239)  
UserId="69481" --> Word Count (295)  
UserId="69481" --> Word Count (13)  
UserId="69481" --> Word Count (1)  
UserId="37461" --> Word Count (124)  
UserId="37461" --> Word Count (18)  
UserId="37461" --> Word Count (1)  
UserId="70234" --> Word Count (742)  
UserId="70234" --> Word Count (4)  
UserId="70234" --> Word Count (1)  
UserId="25180" Comment="grammar corrections" --> Word Count (232)  
UserId="25180" Comment="grammar corrections" --> Word Count (5)  
UserId="46153" --> Word Count (219)  
UserId="46153" --> Word Count (7)  
UserId="46153" --> Word Count (1)  
UserId="46153" Comment="deleted 3 characters in body" --> Word Count (219)  
UserId="33759" --> Word Count (120)  
UserId="67328" --> Word Count (208)  
UserId="39830" --> Word Count (96)  
UserId="39830" --> Word Count (12)  
UserId="39830" --> Word Count (1)  
UserId="67328" Comment="Wording improved" --> Word Count (208)  
UserId="67328" Comment="Explanation improved" --> Word Count (224)  
UserId="67328" Comment="Wording improved" --> Word Count (227)  
UserId="67328" Comment="Wording improved" --> Word Count (354)  
UserId="67328" Comment="Wording improved" --> Word Count (357)  
UserId="67328" Comment="Wording improved" --> Word Count (228)  
UserId="70082" --> Word Count (112)  
UserId="70082" --> Word Count (14)  
UserId="70082" --> Word Count (1)  
UserId="69481" Comment="added 414 characters in body" --> Word Count (344)  
UserId="70082" Comment="edited tags" --> Word Count (1)  
UserId="67328" Comment="via Vote" --> Word Count (1)  
UserId="67328" --> Word Count (1)

UserId="67328" --> Word Count (56)  
 UserId="46230" --> Word Count (177)  
 UserId="46230" --> Word Count (5)  
 UserId="46230" --> Word Count (1)  
 UserId="69646" --> Word Count (176)  
 UserId="69646" --> Word Count (13)  
 UserId="69646" --> Word Count (1)  
 UserId="33759" --> Word Count (70)  
 UserId="67328" Comment="Explanation improved" --> Word Count (119)  
 UserId="67328" Comment="Wording improved" --> Word Count (357)  
 UserId="67328" Comment="Wording improved" --> Word Count (115)  
 UserId="67328" Comment="Wording improved" --> Word Count (117)  
 UserId="28175" --> Word Count (47)  
 UserId="28175" Comment="edited tags" --> Word Count (1)  
 UserId="70143" --> Word Count (150)  
 UserId="70143" --> Word Count (4)  
 UserId="70143" --> Word Count (1)  
 UserId="52291" Comment="Added link" --> Word Count (64)  
 UserId="70143" Comment="added 70 characters in body" --> Word Count (157)  
 UserId="56922" --> Word Count (88)  
 UserId="67328" Comment="Wording improved" --> Word Count (48)  
 UserId="68011" --> Word Count (60)  
 UserId="68011" --> Word Count (4)  
 UserId="68011" --> Word Count (1)  
 UserId="67328" Comment="Wording improved" --> Word Count (240)  
 UserId="29169" Comment="Corrected capitalization and phrasing." --> Word Count (60)  
 UserId="29169" Comment="Corrected capitalization and phrasing." --> Word Count (1)  
 UserId="68011" --> Word Count (60)  
 UserId="68011" --> Word Count (7)  
 UserId="68011" --> Word Count (1)  
 UserId="29169" Comment="Corrected grammar and capitalization errors" --> Word Count (112)  
 UserId="29169" Comment="Corrected grammar and capitalization errors" --> Word Count (14)  
 UserId="70454" --> Word Count (128)  
 UserId="70454" --> Word Count (13)  
 UserId="70454" --> Word Count (1)  
 UserId="44389" --> Word Count (76)  
 UserId="29169" Comment="Minor phrasing corrections and formatting corrections" --> Word Count (160)  
 UserId="14518" --> Word Count (33)  
 UserId="70458" --> Word Count (345)  
 UserId="70458" --> Word Count (8)  
 UserId="70458" --> Word Count (1)  
 UserId="67328" Comment="via Vote" --> Word Count (1)  
 UserId="8560" --> Word Count (112)

UserId="31434" --> Word Count (69)  
 UserId="31434" --> Word Count (7)  
 UserId="31434" --> Word Count (1)  
 UserId="29169" Comment="Formatted code correctly" --> Word Count (215)  
 UserId="29169" Comment="Formatted code correctly" --> Word Count (9)  
 UserId="29169" Comment="Formatted code correctly" --> Word Count (1)  
 UserId="46153" --> Word Count (97)  
 UserId="46153" --> Word Count (10)  
 UserId="46153" --> Word Count (1)  
 UserId="63654" --> Word Count (88)  
 UserId="63654" --> Word Count (6)  
 UserId="63654" --> Word Count (1)  
 UserId="26394" --> Word Count (66)  
 UserId="56922" Comment="added 4 characters in body" --> Word Count (88)  
 UserId="56922" --> Word Count (107)  
 UserId="21" Comment="101" --> Word Count (4)  
 UserId="41771" --> Word Count (76)  
 UserId="45440" --> Word Count (56)  
 UserId="45440" --> Word Count (6)  
 UserId="45440" --> Word Count (1)  
 UserId="41771" --> Word Count (105)  
 UserId="53357" --> Word Count (264)  
 UserId="70073" --> Word Count (303)  
 UserId="70073" --> Word Count (8)  
 UserId="70073" --> Word Count (1)  
 UserId="924" --> Word Count (151)  
 UserId="70475" --> Word Count (170)  
 UserId="70475" --> Word Count (6)  
 UserId="70475" --> Word Count (1)  
 UserId="67328" --> Word Count (62)  
 UserId="67328" Comment="Correction" --> Word Count (62)  
 UserId="67328" Comment="Explanation improved" --> Word Count (104)  
 UserId="67328" Comment="Explanation improved" --> Word Count (94)  
 UserId="45440" Comment="edited title" --> Word Count (6)  
 UserId="56408" --> Word Count (58)  
 UserId="56408" --> Word Count (9)  
 UserId="56408" --> Word Count (1)  
 UserId="38892" Comment="added 10 characters in body" --> Word Count (58)  
 UserId="67328" --> Word Count (155)  
 UserId="67328" Comment="Notation improved" --> Word Count (174)  
 UserId="67328" Comment="edited tags; added 4 characters in body" --> Word Count (1)  
 UserId="67328" Comment="edited tags" --> Word Count (1)  
 UserId="67328" Comment="edited tags; added 4 characters in body" --> Word Count (58)  
 UserId="67328" Comment="Consistent naming" --> Word Count (173)  
 UserId="66295" --> Word Count (141)  
 UserId="66295" --> Word Count (12)

UserId="66295" --> Word Count (1)  
 UserId="70082" --> Word Count (242)  
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 UserId="70082" --> Word Count (1)  
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 UserId="67328" --> Word Count (90)  
 UserId="67328" Comment="Explanation improved" --> Word Count (95)  
 UserId="66863" --> Word Count (82)  
 UserId="66863" --> Word Count (14)  
 UserId="66863" --> Word Count (1)  
 UserId="29169" Comment="Corrected capitalization errors" --> Word Count (89)  
 UserId="65908" --> Word Count (22)  
 UserId="65908" --> Word Count (4)  
 UserId="65908" --> Word Count (1)  
 UserId="35364" --> Word Count (187)  
 UserId="35364" --> Word Count (9)  
 UserId="35364" --> Word Count (1)  
 UserId="35364" Comment="Clarity" --> Word Count (193)  
 UserId="67328" Comment="Answer corrected" --> Word Count (48)  
 UserId="35364" Comment="Added further examples" --> Word Count (213)  
 UserId="56922" --> Word Count (69)  
 UserId="17752" --> Word Count (222)  
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 UserId="17752" --> Word Count (1)  
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 UserId="70501" --> Word Count (8)  
 UserId="70501" --> Word Count (1)  
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 UserId="67328" Comment="Explanation improved" --> Word Count (330)  
 UserId="67328" Comment="Explanation improved" --> Word Count (352)  
 UserId="67328" Comment="Explanation improved" --> Word Count (369)  
 UserId="67328" Comment="Wording improved" --> Word Count (174)  
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 UserId="31086" --> Word Count (1)  
 UserId="67328" Comment="Wording improved" --> Word Count (204)  
 UserId="70509" --> Word Count (123)  
 UserId="70509" --> Word Count (16)  
 UserId="70509" --> Word Count (1)  
 UserId="26917" --> Word Count (415)  
 UserId="67437" --> Word Count (116)  
 UserId="67437" --> Word Count (14)  
 UserId="67437" --> Word Count (1)  
 UserId="38892" --> Word Count (43)  
 UserId="35364" Comment="Added further examples of &quot;bad&quot; examinations."



--> Word Count (228)

UserId="38892" Comment="added 10 characters in body" --> Word Count (243)

UserId="14006" --> Word Count (18)

UserId="70515" --> Word Count (150)

UserId="70515" --> Word Count (6)

UserId="70515" --> Word Count (1)

UserId="67328" Comment="Explanation improved" --> Word Count (346)

UserId="70515" Comment="added 60 characters in body" --> Word Count (160)

UserId="70515" Comment="Fixed ambiguity in question" --> Word Count (4)

UserId="70515" Comment="Fixed ambiguity in question" --> Word Count (158)

UserId="67971" Comment="removed unnecessary words." --> Word Count (139)

UserId="67328" Comment="Wording improved" --> Word Count (304)

UserId="67328" Comment="Wording improved" --> Word Count (306)

UserId="67328" Comment="Formatting improved" --> Word Count (307)

UserId="67328" Comment="Minor changes for readability" --> Word Count (415)

UserId="67328" Comment="Explanation improved" --> Word Count (182)

UserId="66295" --> Word Count (232)

UserId="66295" --> Word Count (13)

UserId="66295" --> Word Count (1)

UserId="70522" --> Word Count (216)

UserId="70522" --> Word Count (10)

UserId="70522" --> Word Count (1)

UserId="70525" --> Word Count (94)

UserId="70525" --> Word Count (8)

UserId="70525" --> Word Count (1)

UserId="70530" --> Word Count (179)

UserId="70530" --> Word Count (18)

UserId="70530" --> Word Count (1)

UserId="70535" --> Word Count (47)

UserId="40734" --> Word Count (76)

UserId="40734" --> Word Count (9)

UserId="40734" --> Word Count (1)

UserId="69074" Comment="deleted 530 characters in body" --> Word Count (238)

UserId="70536" --> Word Count (100)

UserId="70536" --> Word Count (9)

UserId="70536" --> Word Count (1)

UserId="45610" --> Word Count (128)

UserId="45610" --> Word Count (8)

UserId="45610" --> Word Count (1)

UserId="70082" --> Word Count (149)

UserId="70082" --> Word Count (11)

UserId="70082" --> Word Count (1)

UserId="70082" Comment="edited tags" --> Word Count (1)

UserId="924" --> Word Count (137)

UserId="70539" --> Word Count (68)

UserId="70539" --> Word Count (8)

UserId="70539" --> Word Count (1)

UserId="924" Comment="added 142 characters in body" --> Word Count (161)

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 UserId="41771" --> Word Count (96)  
 UserId="67328" --> Word Count (109)  
 UserId="67328" Comment="Explanation improved" --> Word Count (119)  
 UserId="67328" Comment="Wording improved" --> Word Count (224)  
 UserId="69481" --> Word Count (170)  
 UserId="69481" --> Word Count (12)  
 UserId="69481" --> Word Count (1)  
 UserId="41771" --> Word Count (80)  
 UserId="67328" Comment="Wording improved" --> Word Count (224)  
 UserId="201" --> Word Count (194)  
 UserId="201" Comment="added 107 characters in body" --> Word Count (202)  
 UserId="43983" --> Word Count (71)  
 UserId="70321" --> Word Count (452)  
 UserId="70321" --> Word Count (13)  
 UserId="70321" --> Word Count (1)  
 UserId="43983" Comment="added 2 characters in body" --> Word Count (72)  
 UserId="67328" --> Word Count (89)  
 UserId="70546" --> Word Count (131)  
 UserId="70546" --> Word Count (7)  
 UserId="70546" --> Word Count (1)  
 UserId="67328" Comment="Wording improved" --> Word Count (106)  
 UserId="67328" Comment="Wording improved" --> Word Count (120)  
 UserId="67328" Comment="Explanation improved" --> Word Count (224)  
 UserId="70542" --> Word Count (52)  
 UserId="70542" --> Word Count (10)  
 UserId="70542" --> Word Count (1)  
 UserId="67328" Comment="via Vote" --> Word Count (1)  
 UserId="43983" --> Word Count (68)  
 UserId="43983" Comment="added 2 characters in body; added 17 characters in body"  
 --> Word Count (72)  
 UserId="-1" Comment="adding description for piecewise linear function" --> Word  
 Count (89)  
 UserId="25180" Comment="typos corrected" --> Word Count (702)  
 UserId="25180" Comment="typos corrected" --> Word Count (1058)  
 UserId="67328" Comment="Wording improved" --> Word Count (147)  
 UserId="51209" --> Word Count (217)  
 UserId="51209" --> Word Count (5)  
 UserId="51209" --> Word Count (1)  
 UserId="67328" --> Word Count (168)  
 UserId="67328" Comment="Explanation improved" --> Word Count (205)  
 UserId="67328" Comment="Explanation improved" --> Word Count (209)  
 UserId="3070" Comment="Changed regression to linear regression. This is more  
 clear, because regression refers to many types of regression." --> Word Count  
 (131)  
 UserId="67328" --> Word Count (54)

UserId="67328" Comment="via Vote" --> Word Count (1)  
 UserId="70555" --> Word Count (606)  
 UserId="70555" --> Word Count (16)  
 UserId="70555" --> Word Count (1)  
 UserId="67602" Comment="edited body" --> Word Count (43)  
 UserId="45610" Comment="edited tags" --> Word Count (1)  
 UserId="67328" Comment="Wording improved" --> Word Count (124)  
 UserId="67328" --> Word Count (1)  
 UserId="67328" Comment="Wording improved" --> Word Count (124)  
 UserId="69248" --> Word Count (59)  
 UserId="69248" --> Word Count (13)  
 UserId="69248" --> Word Count (1)  
 UserId="69248" Comment="added 99 characters in body" --> Word Count (75)  
 UserId="67328" Comment="Wording improved" --> Word Count (142)  
 UserId="69248" Comment="edited title" --> Word Count (14)  
 UserId="69248" Comment="added 49 characters in body; edited tags" --> Word Count (83)  
 UserId="69248" Comment="added 49 characters in body; edited tags" --> Word Count (1)  
 UserId="69248" Comment="added 49 characters in body; edited tags" --> Word Count (8)  
 UserId="47371" --> Word Count (210)  
 UserId="70555" Comment="Added data to compare" --> Word Count (1066)  
 UserId="45264" --> Word Count (383)  
 UserId="70558" --> Word Count (2123)  
 UserId="70558" --> Word Count (6)  
 UserId="70558" --> Word Count (1)  
 UserId="26917" --> Word Count (230)  
 UserId="70066" --> Word Count (121)  
 UserId="29169" Comment="Spelling, phrasing, grammar, and formatting corrections" --> Word Count (143)  
 UserId="29169" Comment="Spelling, phrasing, grammar, and formatting corrections" --> Word Count (7)  
 UserId="29169" Comment="corrected spelling and phrasing issues" --> Word Count (83)  
 UserId="29169" Comment="corrected spelling and phrasing issues" --> Word Count (9)  
 UserId="70066" Comment="Inserted MathJax equations" --> Word Count (229)  
 UserId="63693" Comment="edited title" --> Word Count (8)  
 UserId="63693" Comment="edited title" --> Word Count (580)  
 UserId="69845" --> Word Count (221)  
 UserId="69845" --> Word Count (20)  
 UserId="69845" --> Word Count (1)  
 UserId="201" --> Word Count (297)  
 UserId="70570" --> Word Count (296)  
 UserId="70570" --> Word Count (20)  
 UserId="70570" --> Word Count (1)  
 UserId="69845" --> Word Count (9)

UserId="67437" --> Word Count (58)  
 UserId="67437" --> Word Count (7)  
 UserId="67437" --> Word Count (1)  
 UserId="25180" Comment="typos corrected, formatting" --> Word Count (51)  
 UserId="25180" Comment="typos corrected, formatting" --> Word Count (9)  
 UserId="70573" --> Word Count (221)  
 UserId="70573" --> Word Count (10)  
 UserId="70573" --> Word Count (1)  
 UserId="61417" Comment="added 75 characters in body" --> Word Count (115)  
 UserId="42599" --> Word Count (144)  
 UserId="42599" --> Word Count (4)  
 UserId="42599" --> Word Count (1)  
 UserId="25180" Comment="grammar corrections" --> Word Count (583)  
 UserId="25180" Comment="grammar corrections" --> Word Count (8)  
 UserId="70576" --> Word Count (74)  
 UserId="70576" --> Word Count (5)  
 UserId="70576" --> Word Count (1)  
 UserId="66692" --> Word Count (32)  
 UserId="40734" Comment="added 266 characters in body; edited tags; edited title"  
 --> Word Count (113)  
 UserId="40734" Comment="added 266 characters in body; edited tags; edited title"  
 --> Word Count (14)  
 UserId="40734" Comment="added 266 characters in body; edited tags; edited title"  
 --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (524)  
 UserId="69845" Comment="added 177 characters in body" --> Word Count (41)  
 UserId="67328" Comment="Title keywords enriched; edited tags" --> Word Count  
 (8)  
 UserId="67328" Comment="Title keywords enriched; edited tags" --> Word Count  
 (1)  
 UserId="67328" --> Word Count (1)  
 UserId="70578" --> Word Count (77)  
 UserId="70578" --> Word Count (9)  
 UserId="70578" --> Word Count (1)  
 UserId="53357" --> Word Count (72)  
 UserId="53357" --> Word Count (256)  
 UserId="66295" --> Word Count (531)  
 UserId="66295" --> Word Count (11)  
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 UserId="67328" Comment="Explanation improved" --> Word Count (362)  
 UserId="50406" --> Word Count (150)  
 UserId="67328" Comment="Explanation improved" --> Word Count (200)  
 UserId="67328" --> Word Count (1)  
 UserId="67328" Comment="Wording improved" --> Word Count (201)  
 UserId="67328" Comment="Wording improved" --> Word Count (210)  
 UserId="49590" --> Word Count (86)  
 UserId="51714" --> Word Count (186)  
 UserId="51714" --> Word Count (8)

UserId="51714" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (280)  
 UserId="51714" --> Word Count (45)  
 UserId="67328" Comment="Explanation improved" --> Word Count (287)  
 UserId="65323" Comment="deleted 3 characters in body" --> Word Count (150)  
 UserId="69822" Comment="corrected spelling , rephrasing" --> Word Count (121)  
 UserId="67328" Comment="Explanation improved" --> Word Count (300)  
 UserId="67328" Comment="Explanation improved" --> Word Count (298)  
 UserId="66252" --> Word Count (237)  
 UserId="66252" --> Word Count (12)  
 UserId="66252" --> Word Count (1)  
 UserId="67328" Comment="Wording improved" --> Word Count (308)  
 UserId="51714" Comment="added 506 characters in body" --> Word Count (124)  
 UserId="51714" Comment="added 506 characters in body" --> Word Count (143)  
 UserId="67328" Comment="Wording improved" --> Word Count (312)  
 UserId="29806" --> Word Count (139)  
 UserId="29806" --> Word Count (8)  
 UserId="29806" --> Word Count (1)  
 UserId="70587" --> Word Count (193)  
 UserId="70587" --> Word Count (5)  
 UserId="70587" --> Word Count (1)  
 UserId="26917" Comment="Corrected formula" --> Word Count (231)  
 UserId="52291" --> Word Count (23)  
 UserId="66295" Comment="added 149 characters in body" --> Word Count (533)  
 UserId="26917" Comment="deleted 49 characters in body" --> Word Count (222)  
 UserId="52291" Comment="Explain why accuracy gives the output it gives" -->  
 Word Count (75)  
 UserId="51411" --> Word Count (86)  
 UserId="67328" Comment="Formula converted" --> Word Count (76)  
 UserId="51411" Comment="added 1 character in body" --> Word Count (88)  
 UserId="66117" --> Word Count (1305)  
 UserId="66117" --> Word Count (8)  
 UserId="66117" --> Word Count (1)  
 UserId="67328" --> Word Count (122)  
 UserId="70603" --> Word Count (58)  
 UserId="70603" --> Word Count (19)  
 UserId="70603" --> Word Count (1)  
 UserId="68742" --> Word Count (97)  
 UserId="68742" --> Word Count (5)  
 UserId="68742" --> Word Count (1)  
 UserId="67328" --> Word Count (41)  
 UserId="70607" --> Word Count (98)  
 UserId="70607" --> Word Count (6)  
 UserId="70607" --> Word Count (1)  
 UserId="52291" Comment="Tempus and word out of order" --> Word Count (74)  
 UserId="68232" --> Word Count (159)  
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 UserId="68232" --> Word Count (1)

UserId="52291" Comment="Made a table showing data format" --> Word Count (80)  
 UserId="70612" --> Word Count (111)  
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 UserId="70603" Comment="added 507 characters in body" --> Word Count (130)  
 UserId="52089" --> Word Count (113)  
 UserId="67328" --> Word Count (236)  
 UserId="70611" --> Word Count (606)  
 UserId="67328" Comment="Wording improved" --> Word Count (239)  
 UserId="70614" --> Word Count (165)  
 UserId="70614" --> Word Count (5)  
 UserId="70614" --> Word Count (1)  
 UserId="67328" Comment="Wording improved" --> Word Count (311)  
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 UserId="66117" Comment="edited title" --> Word Count (7)  
 UserId="70623" --> Word Count (74)  
 UserId="67135" --> Word Count (131)  
 UserId="67135" --> Word Count (10)  
 UserId="67135" --> Word Count (1)  
 UserId="29169" Comment="Shortened the link" --> Word Count (168)  
 UserId="23305" Comment="added 88 characters in body" --> Word Count (220)  
 UserId="23305" Comment="added 24 characters in body" --> Word Count (103)  
 UserId="29575" --> Word Count (164)  
 UserId="70630" --> Word Count (238)  
 UserId="70630" --> Word Count (15)  
 UserId="70630" --> Word Count (1)  
 UserId="67328" --> Word Count (89)  
 UserId="67328" Comment="Wording improved" --> Word Count (309)  
 UserId="69481" --> Word Count (193)  
 UserId="69481" --> Word Count (13)  
 UserId="69481" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (108)  
 UserId="67328" Comment="Explanation improved" --> Word Count (117)  
 UserId="70306" --> Word Count (49)  
 UserId="70637" --> Word Count (81)  
 UserId="70637" --> Word Count (7)  
 UserId="70637" --> Word Count (1)  
 UserId="70603" --> Word Count (209)  
 UserId="70603" --> Word Count (9)  
 UserId="70603" --> Word Count (1)  
 UserId="70603" Comment="deleted 20 characters in body" --> Word Count (262)  
 UserId="70603" Comment="deleted 20 characters in body" --> Word Count (280)  
 UserId="70307" --> Word Count (80)  
 UserId="30335" --> Word Count (88)  
 UserId="30335" --> Word Count (4)  
 UserId="30335" --> Word Count (1)  
 UserId="23305" Comment="added 10 characters in body; edited title" --> Word Count (89)

UserId="23305" Comment="added 10 characters in body; edited title" --> Word Count (7)  
 UserId="67135" Comment="deleted 2 characters in body" --> Word Count (131)  
 UserId="70641" --> Word Count (1039)  
 UserId="70641" --> Word Count (13)  
 UserId="70641" --> Word Count (1)  
 UserId="63654" --> Word Count (83)  
 UserId="63654" --> Word Count (309)  
 UserId="63654" --> Word Count (175)  
 UserId="63654" --> Word Count (32)  
 UserId="69391" --> Word Count (81)  
 UserId="69391" --> Word Count (8)  
 UserId="69391" --> Word Count (1)  
 UserId="63654" --> Word Count (262)  
 UserId="29587" --> Word Count (189)  
 UserId="29587" Comment="added 1439 characters in body" --> Word Count (973)  
 UserId="70603" Comment="added 10 characters in body" --> Word Count (288)  
 UserId="35364" Comment="Added introduction" --> Word Count (238)  
 UserId="24968" Comment="More descriptive title" --> Word Count (9)  
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (56)  
 UserId="29169" Comment="Title change and tag edit." --> Word Count (40)  
 UserId="29169" Comment="Title change and tag edit." --> Word Count (11)  
 UserId="29169" Comment="Title change and tag edit." --> Word Count (1)  
 UserId="29575" Comment="Title change and tag edit." --> Word Count (41)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (68)  
 UserId="29575" Comment="Minor formatting" --> Word Count (1039)  
 UserId="29169" Comment="Corrected formatting to make the question easier to read." --> Word Count (97)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (87)  
 UserId="70634" Comment="Edited the question to be more specific" --> Word Count (285)  
 UserId="29575" Comment="Edited the question to be more specific" --> Word Count (283)  
 UserId="29575" Comment="Minor formatting" --> Word Count (82)  
 UserId="29575" Comment="Minor formatting" --> Word Count (89)  
 UserId="24968" --> Word Count (34)  
 UserId="24968" Comment="Edited to include links in text" --> Word Count (592)  
 UserId="29575" Comment="Edited to include links in text" --> Word Count (588)  
 UserId="70647" --> Word Count (55)  
 UserId="70647" --> Word Count (3)  
 UserId="70647" --> Word Count (1)  
 UserId="29575" Comment="Minor formatting" --> Word Count (67)  
 UserId="29169" Comment="Spelling and grammar changes" --> Word Count (57)  
 UserId="29169" Comment="Spelling and grammar changes" --> Word Count (2)  
 UserId="29575" Comment="Spelling and grammar changes" --> Word Count (73)  
 UserId="50406" --> Word Count (131)  
 UserId="50406" Comment="edited tags" --> Word Count (1)  
 UserId="70653" --> Word Count (61)

UserId="24968" Comment="Spelling and legibility" --> Word Count (91)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="201" Comment="added 1564 characters in body" --> Word Count (555)  
 UserId="70657" --> Word Count (66)  
 UserId="70657" --> Word Count (9)  
 UserId="70657" --> Word Count (1)  
 UserId="8820" --> Word Count (265)  
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 UserId="67755" --> Word Count (8)  
 UserId="67755" --> Word Count (1)  
 UserId="52291" --> Word Count (15)  
 UserId="52291" Comment="Better expl" --> Word Count (66)  
 UserId="6550" --> Word Count (120)  
 UserId="6550" Comment="added 32 characters in body" --> Word Count (126)  
 UserId="201" Comment="added 495 characters in body" --> Word Count (642)  
 UserId="29217" --> Word Count (58)  
 UserId="67328" --> Word Count (117)  
 UserId="70662" --> Word Count (51)  
 UserId="70662" --> Word Count (11)  
 UserId="70662" --> Word Count (1)  
 UserId="67328" Comment="Title better reflects the question (more specific)" -->  
 Word Count (10)  
 UserId="8337" --> Word Count (127)  
 UserId="8337" --> Word Count (2)  
 UserId="8337" --> Word Count (1)  
 UserId="70612" Comment="added 39 characters in body" --> Word Count (118)  
 UserId="70662" Comment="added 815 characters in body" --> Word Count (274)  
 UserId="69903" --> Word Count (99)  
 UserId="69903" --> Word Count (7)  
 UserId="69903" --> Word Count (1)  
 UserId="58155" --> Word Count (14)  
 UserId="70666" --> Word Count (115)  
 UserId="70666" --> Word Count (6)  
 UserId="70666" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (144)  
 UserId="65765" --> Word Count (223)  
 UserId="65765" --> Word Count (3)  
 UserId="65765" --> Word Count (1)  
 UserId="50833" Comment="Adding words..." --> Word Count (22)  
 UserId="27432" --> Word Count (36)  
 UserId="70641" Comment="added 467 characters in body" --> Word Count (1133)



UserId="67755" --> Word Count (594)  
 UserId="67755" --> Word Count (5)  
 UserId="67755" --> Word Count (1)  
 UserId="70679" --> Word Count (147)  
 UserId="70679" --> Word Count (8)  
 UserId="70679" --> Word Count (1)  
 UserId="69903" --> Word Count (10)  
 UserId="15902" Comment="edited title" --> Word Count (8)  
 UserId="70679" Comment="added 811 characters in body" --> Word Count (465)  
 UserId="58685" --> Word Count (55)  
 UserId="68589" --> Word Count (129)  
 UserId="68589" --> Word Count (8)  
 UserId="68589" --> Word Count (1)  
 UserId="51714" --> Word Count (31)  
 UserId="51714" Comment="added 269 characters in body" --> Word Count (74)  
 UserId="67328" Comment="Link for paper added" --> Word Count (223)  
 UserId="27432" Comment="Added an example of apply" --> Word Count (107)  
 UserId="29169" --> Word Count (66)  
 UserId="29169" Comment="Capitalization changes" --> Word Count (50)  
 UserId="29575" Comment="Capitalization changes" --> Word Count (49)  
 UserId="39934" --> Word Count (168)  
 UserId="67328" Comment="Reflecting the intended type in the title" --> Word Count (8)  
 UserId="69822" Text="So i have the task to study the feasability of setting up a  
 \*\*Speech-To-Text\*\* engine in a production environnement, and i've been  
 researching on this topic, so I tried \*\*\*Google's Speech-To- --> Word Count  
 (125)  
 UserId="69822" Text="What to use in setting up a Speech to --> Word Count (4)  
 UserId="69822" --> Word Count (1)  
 UserId="29169" Comment="Spelling and phrasing changes" --> Word Count (120)  
 UserId="69822" Comment="edited tags" --> Word Count (1)  
 UserId="70684" --> Word Count (140)  
 UserId="70684" --> Word Count (4)  
 UserId="70684" --> Word Count (1)  
 UserId="70570" --> Word Count (209)  
 UserId="70570" --> Word Count (22)  
 UserId="70570" --> Word Count (1)  
 UserId="10522" --> Word Count (68)  
 UserId="10522" --> Word Count (13)  
 UserId="10522" --> Word Count (1)  
 UserId="70570" Comment="added 67 characters in body" --> Word Count (222)  
 UserId="66759" --> Word Count (83)  
 UserId="66759" --> Word Count (5)  
 UserId="66759" --> Word Count (1)  
 UserId="52816" --> Word Count (399)  
 UserId="52816" --> Word Count (4)  
 UserId="52816" --> Word Count (1)  
 UserId="56761" --> Word Count (321)

UserId="56761" --> Word Count (11)  
 UserId="56761" --> Word Count (1)  
 UserId="70603" Comment="added 17 characters in body" --> Word Count (303)  
 UserId="52816" Comment="added 48 characters in body" --> Word Count (406)  
 UserId="8878" --> Word Count (94)  
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 UserId="70607" Comment="added 18 characters in body" --> Word Count (82)  
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 UserId="66738" --> Word Count (1)  
 UserId="70709" --> Word Count (342)  
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 UserId="69951" --> Word Count (1)  
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UserId="29575" Comment="Capitalization" --> Word Count (10)  
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UserId="201" Comment="added 205 characters in body" --> Word Count (29)  
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UserId="42242" --> Word Count (1)  
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UserId="201" Comment="added 8 characters in body; edited title" --> Word Count (118)  
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 UserId="67328" Comment="Wording improved" --> Word Count (344)  
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 UserId="67328" Comment="Explanation improved" --> Word Count (174)  
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 UserId="67328" Comment="Wording improved" --> Word Count (363)  
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 UserId="-1" --> Word Count (1)  
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 UserId="15902" Comment="edited title" --> Word Count (9)  
 UserId="70750" --> Word Count (122)  
 UserId="15464" --> Word Count (112)  
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 UserId="45374" Comment="Edit format and grammar" --> Word Count (8)  
 UserId="201" Comment="added 1514 characters in body" --> Word Count (143)  
 UserId="201" Comment="added 155 characters in body" --> Word Count (25)  
 UserId="201" Comment="added 92 characters in body" --> Word Count (14)  
 UserId="201" Comment="added 1222 characters in body" --> Word Count (138)  
 UserId="201" Comment="added 213 characters in body" --> Word Count (26)  
 UserId="70762" --> Word Count (449)  
 UserId="70762" --> Word Count (18)  
 UserId="70762" --> Word Count (1)  
 UserId="70762" Comment="added 8 characters in body" --> Word Count (450)

UserId="67536" --> Word Count (55)  
 UserId="67536" --> Word Count (5)  
 UserId="67536" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
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 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="45264" Comment="Fixed to ensure `mask` is correctly generated and not  
 all values are filtered out." --> Word Count (415)  
 UserId="60292" --> Word Count (72)  
 UserId="70066" --> Word Count (96)  
 UserId="65776" --> Word Count (548)  
 UserId="65776" --> Word Count (6)  
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 UserId="70767" --> Word Count (1)  
 UserId="70767" Comment="added 33 characters in body" --> Word Count (98)  
 UserId="41771" --> Word Count (101)  
 UserId="69477" --> Word Count (108)  
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 UserId="69477" --> Word Count (1)  
 UserId="29169" Comment="Formatted code correctly" --> Word Count (107)  
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 UserId="28175" Comment="edited body; edited tags" --> Word Count (107)  
 UserId="28175" Comment="edited body; edited tags" --> Word Count (1)  
 UserId="28175" Comment="added 10 characters in body" --> Word Count (201)  
 UserId="69477" Comment="added 10 characters in body" --> Word Count (107)  
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 UserId="23305" --> Word Count (96)  
 UserId="-1" Comment="104" --> Word Count (3)  
 UserId="70776" --> Word Count (119)  
 UserId="70776" --> Word Count (12)  
 UserId="70776" --> Word Count (1)  
 UserId="70774" --> Word Count (83)  
 UserId="70774" --> Word Count (11)  
 UserId="70774" --> Word Count (1)  
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 UserId="70778" --> Word Count (5)  
 UserId="70778" --> Word Count (1)  
 UserId="69248" --> Word Count (56)  
 UserId="69248" --> Word Count (14)  
 UserId="69248" --> Word Count (1)

UserId="69248" Comment="edited body" --> Word Count (56)  
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 UserId="69248" Comment="added 74 characters in body" --> Word Count (64)  
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 UserId="201" --> Word Count (151)  
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 UserId="-1" --> Word Count (1)  
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 UserId="41771" --> Word Count (70)  
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 UserId="70783" --> Word Count (3)  
 UserId="70783" --> Word Count (1)  
 UserId="70555" Comment="Edit 2" --> Word Count (1248)  
 UserId="70785" --> Word Count (56)  
 UserId="35645" Comment="added 4 characters in body" --> Word Count (49)  
 UserId="45264" Comment="edited tags" --> Word Count (1)  
 UserId="70763" --> Word Count (537)  
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 UserId="52089" --> Word Count (59)  
 UserId="57634" --> Word Count (537)  
 UserId="69248" --> Word Count (86)  
 UserId="69248" --> Word Count (6)  
 UserId="69248" --> Word Count (1)  
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 UserId="65398" --> Word Count (247)  
 UserId="65398" --> Word Count (15)  
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 UserId="28175" --> Word Count (81)  
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 UserId="28175" Comment="added 4 characters in body" --> Word Count (81)  
 UserId="70808" --> Word Count (150)  
 UserId="70808" Comment="added 17 characters in body" --> Word Count (152)  
 UserId="70812" --> Word Count (179)  
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 UserId="201" Comment="added 365 characters in body" --> Word Count (52)  
 UserId="201" Comment="added 373 characters in body" --> Word Count (64)  
 UserId="201" Comment="added 139 characters in body" --> Word Count (19)  
 UserId="70820" --> Word Count (30)  
 UserId="70820" --> Word Count (14)  
 UserId="70820" --> Word Count (1)  
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 UserId="69644" --> Word Count (16)  
 UserId="69644" --> Word Count (1)  
 UserId="70821" --> Word Count (367)

UserId="70791" Comment="deleted 7 characters in body" --> Word Count (108)  
 UserId="29575" Comment="Format list" --> Word Count (371)  
 UserId="70823" --> Word Count (52)  
 UserId="70823" --> Word Count (8)  
 UserId="70823" --> Word Count (1)  
 UserId="70821" Comment="added 139 characters in body" --> Word Count (385)  
 UserId="70821" Comment="added 1 character in body" --> Word Count (385)  
 UserId="29169" Comment="Phrasing edits and title edit" --> Word Count (41)  
 UserId="29169" Comment="Phrasing edits and title edit" --> Word Count (16)  
 UserId="29169" Comment="Title, capitalization, phrasing changes." --> Word Count (46)  
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 UserId="29575" Comment="Title, capitalization, phrasing changes." --> Word Count (44)  
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 UserId="8820" Comment="deleted 17 characters in body; edited title" --> Word Count (50)  
 UserId="8820" Comment="deleted 17 characters in body; edited title" --> Word Count (8)  
 UserId="70830" --> Word Count (10754)  
 UserId="70830" --> Word Count (3)  
 UserId="70830" --> Word Count (1)  
 UserId="50406" --> Word Count (84)  
 UserId="70779" --> Word Count (235)  
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 UserId="70779" --> Word Count (1)  
 UserId="41771" --> Word Count (31)  
 UserId="50406" --> Word Count (106)  
 UserId="65398" --> Word Count (355)  
 UserId="67755" --> Word Count (22)  
 UserId="67755" --> Word Count (19)  
 UserId="67755" --> Word Count (1)  
 UserId="65398" Comment="added 1001 characters in body" --> Word Count (538)  
 UserId="29169" Comment="Capitalization errors" --> Word Count (167)  
 UserId="29169" Comment="Capitalization errors" --> Word Count (16)  
 UserId="65398" Comment="added 102 characters in body" --> Word Count (558)  
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 UserId="-1" --> Word Count (1)  
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UserId="-1" --> Word Count (1)  
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 UserId="65398" Comment="added 1130 characters in body" --> Word Count (821)  
 UserId="65398" Comment="edited tags" --> Word Count (1)  
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 UserId="70843" --> Word Count (1)  
 UserId="70845" --> Word Count (67)  
 UserId="70845" --> Word Count (8)  
 UserId="70845" --> Word Count (1)  
 UserId="41771" --> Word Count (191)  
 UserId="70307" --> Word Count (58)  
 UserId="69822" --> Word Count (44)  
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 UserId="69822" --> Word Count (1)  
 UserId="201" Comment="added 483 characters in body" --> Word Count (34)  
 UserId="70158" --> Word Count (289)  
 UserId="70158" --> Word Count (13)  
 UserId="70158" --> Word Count (1)  
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 UserId="201" Comment="added 84 characters in body" --> Word Count (12)  
 UserId="201" Comment="added 179 characters in body" --> Word Count (29)  
 UserId="70849" --> Word Count (160)  
 UserId="14675" --> Word Count (202)  
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 UserId="-1" --> Word Count (1)  
 UserId="69822" Comment="edited title" --> Word Count (10)  
 UserId="70846" --> Word Count (211)  
 UserId="70850" Comment="fixed grammer" --> Word Count (28)  
 UserId="70854" --> Word Count (154)  
 UserId="70854" --> Word Count (4)  
 UserId="70854" --> Word Count (1)  
 UserId="41771" --> Word Count (54)  
 UserId="65776" Comment="added 244 characters in body" --> Word Count (566)  
 UserId="65776" Comment="added 1085 characters in body" --> Word Count (921)  
 UserId="40734" Comment="segment written hindi letters from image " --> Word Count (128)  
 UserId="70747" --> Word Count (55)  
 UserId="70747" --> Word Count (9)  
 UserId="70747" --> Word Count (1)  
 UserId="70863" --> Word Count (312)



UserId="29575" Comment="Remove extra commentary" --> Word Count (44)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (168)  
 UserId="69646" Comment="modified title" --> Word Count (229)  
 UserId="69646" Comment="modified title" --> Word Count (9)  
 UserId="29575" Comment="Include Questions" --> Word Count (334)  
 UserId="67412" Comment="add markup language identifier" --> Word Count (10754)  
 UserId="29575" Comment="add markup language identifier" --> Word Count (6524)  
 UserId="70555" --> Word Count (814)  
 UserId="70555" --> Word Count (12)  
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 UserId="70865" --> Word Count (99)  
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 UserId="53204" Comment="added 7 characters in body" --> Word Count (266)  
 UserId="41771" --> Word Count (54)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (96)  
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 UserId="201" Comment="added 54 characters in body" --> Word Count (7)  
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 UserId="201" Comment="added 176 characters in body" --> Word Count (27)  
 UserId="201" Comment="added 252 characters in body" --> Word Count (38)  
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 UserId="-1" --> Word Count (1)  
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 UserId="52089" Comment="deleted 1 character in body" --> Word Count (46)  
 UserId="52291" --> Word Count (191)  
 UserId="52089" Comment="deleted 1 character in body" --> Word Count (46)  
 UserId="64138" --> Word Count (88)  
 UserId="64138" --> Word Count (6)  
 UserId="64138" --> Word Count (1)  
 UserId="52291" Comment="More in line with question" --> Word Count (192)  
 UserId="201" Comment="added 2022 characters in body" --> Word Count (234)  
 UserId="201" Comment="added 193 characters in body" --> Word Count (27)  
 UserId="201" Comment="added 362 characters in body" --> Word Count (56)  
 UserId="201" Comment="added 1508 characters in body" --> Word Count (205)  
 UserId="201" Comment="added 162 characters in body" --> Word Count (27)  
 UserId="52291" Comment="Fixed error" --> Word Count (194)  
 UserId="21" Comment="Rollback to [fe3692d2-0ed0-4394-b7cd-4877a1cf6ddf] - Edit approval overridden by post owner or moderator" --> Word Count (29)  
 UserId="21" Comment="added 3 characters in body" --> Word Count (30)

UserId="52291" --> Word Count (51)  
 UserId="52291" Comment="I guess it is Pandas so put it on top" --> Word Count (39)  
 UserId="70795" --> Word Count (262)  
 UserId="70881" --> Word Count (1249)  
 UserId="70881" --> Word Count (3)  
 UserId="70881" --> Word Count (1)  
 UserId="70881" Comment="added 195 characters in body" --> Word Count (1289)  
 UserId="52291" Comment="Some more about imputation" --> Word Count (162)  
 UserId="52291" Comment="Split code up better" --> Word Count (152)  
 UserId="52291" Comment="deleted 38 characters in body" --> Word Count (144)  
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 UserId="29169" Comment="Phrasing changes and title change" --> Word Count (8)  
 UserId="29575" Comment="Phrasing changes and title change" --> Word Count (41)  
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 UserId="67328" Comment="Explanation improved" --> Word Count (1386)  
 UserId="70881" Comment="added 182 characters in body" --> Word Count (1296)  
 UserId="49878" --> Word Count (139)  
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 UserId="49878" --> Word Count (1)  
 UserId="23305" Comment="added 22 characters in body; edited tags; edited title" --> Word Count (167)  
 UserId="23305" Comment="added 22 characters in body; edited tags; edited title" --> Word Count (2)  
 UserId="23305" Comment="added 22 characters in body; edited tags; edited title" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (1386)  
 UserId="46949" --> Word Count (267)  
 UserId="67328" Comment="Explanation improved" --> Word Count (1404)  
 UserId="70709" --> Word Count (444)  
 UserId="67328" Comment="Explanation improved" --> Word Count (1411)  
 UserId="70898" --> Word Count (256)  
 UserId="67328" Comment="Explanation improved" --> Word Count (1462)  
 UserId="70888" --> Word Count (293)  
 UserId="70888" --> Word Count (9)  
 UserId="70888" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (1483)  
 UserId="62743" --> Word Count (396)  
 UserId="67328" Comment="Explanation improved" --> Word Count (1494)  
 UserId="24968" Comment="Reformatted link as text" --> Word Count (1292)  
 UserId="29575" Comment="Reformatted link as text" --> Word Count (1295)  
 UserId="70066" --> Word Count (127)  
 UserId="69689" --> Word Count (66)  
 UserId="69689" --> Word Count (10)  
 UserId="69689" --> Word Count (1)  
 UserId="70906" --> Word Count (188)  
 UserId="70808" --> Word Count (124)  
 UserId="70910" --> Word Count (293)

UserId="70910" --> Word Count (7)  
 UserId="70910" --> Word Count (1)  
 UserId="70910" Comment="added 117 characters in body" --> Word Count (315)  
 UserId="68742" --> Word Count (58)  
 UserId="68742" --> Word Count (8)  
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 UserId="70913" --> Word Count (173)  
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 UserId="70449" --> Word Count (564)  
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 UserId="46305" --> Word Count (118)  
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 UserId="46305" Comment="added 1 character in body" --> Word Count (118)  
 UserId="70066" --> Word Count (784)  
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 UserId="70922" --> Word Count (284)  
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 UserId="70922" --> Word Count (1)  
 UserId="70922" Comment="added 333 characters in body" --> Word Count (345)  
 UserId="29169" Comment="Corrected capitalization errors" --> Word Count (293)  
 UserId="14006" --> Word Count (245)  
 UserId="29169" Comment="formatted code correctly" --> Word Count (78)  
 UserId="70922" Comment="added 76 characters in body" --> Word Count (361)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="50406" Comment="Added a brief description to the answer" --> Word Count (261)  
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 UserId="-1" --> Word Count (1)  
 UserId="201" Comment="added 65 characters in body" --> Word Count (10)  
 UserId="201" Comment="added 383 characters in body" --> Word Count (48)  
 UserId="201" Comment="added 60 characters in body" --> Word Count (10)  
 UserId="201" Comment="added 852 characters in body" --> Word Count (108)  
 UserId="201" Comment="added 926 characters in body" --> Word Count (111)  
 UserId="201" Comment="added 108 characters in body" --> Word Count (15)  
 UserId="-1" --> Word Count (1)

UserId="-1" --> Word Count (1)  
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 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="50406" --> Word Count (200)  
 UserId="46305" Comment="added 68 characters in body; edited tags; edited title"  
 --> Word Count (132)  
 UserId="46305" Comment="added 68 characters in body; edited tags; edited title"  
 --> Word Count (11)  
 UserId="46305" Comment="added 68 characters in body; edited tags; edited title"  
 --> Word Count (1)  
 UserId="69646" Comment="added results " --> Word Count (517)  
 UserId="70821" Comment="edited body" --> Word Count (385)  
 UserId="70393" Comment="edited title" --> Word Count (10)  
 UserId="67412" --> Word Count (96)  
 UserId="67412" Comment="minor changes to match PEP8 styleguide" --> Word Count  
 (107)  
 UserId="70927" --> Word Count (452)  
 UserId="70927" --> Word Count (9)  
 UserId="70927" --> Word Count (1)  
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 UserId="57410" --> Word Count (11)  
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 UserId="54503" --> Word Count (1)  
 UserId="201" Comment="added 1048 characters in body" --> Word Count (115)  
 UserId="201" Comment="added 132 characters in body" --> Word Count (18)  
 UserId="201" Comment="added 96 characters in body" --> Word Count (14)  
 UserId="201" Comment="added 465 characters in body" --> Word Count (65)  
 UserId="201" Comment="added 186 characters in body" --> Word Count (33)  
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 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="70846" --> Word Count (115)  
 UserId="70846" Comment="added 181 characters in body" --> Word Count (141)  
 UserId="67328" Comment="Explanation improved" --> Word Count (406)  
 UserId="67328" Comment="Explanation improved" --> Word Count (407)  
 UserId="67328" --> Word Count (41)  
 UserId="67328" Comment="Explanation improved" --> Word Count (48)  
 UserId="67328" Comment="Explanation improved" --> Word Count (69)  
 UserId="67328" Comment="Explanation improved" Text="You cannot use word2vec for  
 multiple words. You should use something like [doc2vec][1], which gives a vector  
 for a sentence:&#xD;&#xA;&#xD;&#xA; vector =

```

model.infer_vector(['I', 'love', 'NLP'])
You can also proceed to average or sum the
word vectors for each phrase, thus a phrase becomes the same length as a word
for comparison. But still, methods like doc2vec are better than a simple average
or sum. Also, take a look at [fast --> Word Count (20)
UserId="69822" Comment="rephrasing , corrected spelling" --> Word Count (75)
UserId="26562" Comment="rephrasing , corrected spelling" --> Word Count (77)
UserId="67328" Comment="Explanation improved" Text="You cannot use word2vec for
multiple words. You should use something like [doc2vec][1], which gives a vector
for a list of words:
vector =
model.infer_vector(['I', 'love', 'NLP'])
You can also proceed to average or sum the
word vectors for each phrase (or list), thus a phrase (or list) becomes the same
length as a word for comparison. But still, methods like doc2vec are better than
a simple average or sum. Note that a phrase like 'cloud
computing' has a completely different meaning than the word
'cloud'. Therefore, these phrases, specially if frequent, better be
treated as a *single* word. Also, take a look at [fast -->
Word Count (20)
UserId="67328" Comment="Wording improved" --> Word Count (407)
UserId="38693" --> Word Count (73)
UserId="41771" --> Word Count (148)
UserId="67328" Comment="Explanation improved" --> Word Count (415)
UserId="30412" --> Word Count (180)
UserId="67328" Comment="Explanation improved" Text="You cannot use word2vec for
multiple words. You should use something like [doc2vec][1], which gives a vector
for each phrase:
vector =
model.infer_vector(['microsoft', 'visual', 'studio'])
You can
also proceed to average or sum the word vectors for each phrase, thus a phrase
becomes the same length as a word for comparison. But still, methods like
doc2vec are better than a simple average or sum. Finally, you could compare each
word in the first list to every phrase in the second list, and find the closest
phrase. Note that a phrase like 'cloud computing'
has a completely different meaning than the word 'cloud'. Therefore,
these phrases, specially if frequent, better be treated as a *single*
word. Also, take a look at [fast --> Word Count (20)
UserId="70936" --> Word Count (879)
UserId="70936" --> Word Count (7)
UserId="70936" --> Word Count (1)
UserId="26394" Comment="fo" --> Word Count (878)
UserId="50406" --> Word Count (164)
UserId="70782" --> Word Count (194)
UserId="70782" --> Word Count (7)
UserId="70782" --> Word Count (1)
UserId="67328" --> Word Count (107)
UserId="201" Comment="Remove <pre> and use code blocks instead" --> Word
Count (1286)
UserId="67328" Comment="Wording improved" Text="You cannot use word2vec for

```

multiple words. You should use something like [doc2vec][1], which gives a vector for each phrase:&#xD;&#xA;&#xD;&#xA; vector =  
model.infer\_vector(['microsoft', 'visual', 'studio'])&#xD;&#xA;&#xD;&#xA;You can also average or sum the vectors of words in each phrase. This way, a phrase vector would be the same length as a word vector for comparison. But still, methods like doc2vec are better than a simple average or sum. Finally, you could proceed to compare each word in the first list to every phrase in the second list, and find the closest phrase.&#xD;&#xA;&#xD;&#xA;Note that a phrase like &quot;cloud computing&quot; has a completely different meaning than the word &quot;cloud&quot;. Therefore, these phrases, specially if frequent, better to be treated as a \*single\* word.&#xD;&#xA;&#xD;&#xA;Also, take a look at [fast --> Word Count (20)

UserId="70782" Comment="deleted 5 characters in body" --> Word Count (194)

UserId="67328" Comment="Wording improved" Text="You cannot apply word2vec on multiple words. You should use something like [doc2vec][1], which gives a vector for each phrase:&#xD;&#xA;&#xD;&#xA; vector =  
model.infer\_vector(['microsoft', 'visual', 'studio'])&#xD;&#xA;&#xD;&#xA;You can also average or sum the vectors of words (from word2vec) in each phrase. This way, a phrase vector would be the same length as a word vector for comparison. But still, methods like doc2vec are better than a simple average or sum. Finally, you could proceed to compare each word in the first list to every phrase in the second list, and find the closest phrase.&#xD;&#xA;&#xD;&#xA;Note that a phrase like &quot;cloud computing&quot; has a completely different meaning than the word &quot;cloud&quot;. Therefore, these phrases, specially if frequent, better to be treated as a \*single\* word.&#xD;&#xA;&#xD;&#xA;Also, take a look at [fast --> Word Count (20)

UserId="67328" Comment="Explanation improved" Text="You cannot apply word2vec on multiple words. You should use something like [doc2vec][1], which gives a vector for each phrase:&#xD;&#xA;&#xD;&#xA; phrase =  
model.infer\_vector(['microsoft', 'visual', 'studio'])&#xD;&#xA;&#xD;&#xA;You can also average or sum the vectors of words (from word2vec) in each phrase, e.g.&#xD;&#xA;&#xD;&#xA; phrase = w2v('microsoft') + w2v('visual') + w2v('studio')&#xD;&#xA;&#xD;&#xA;This way, a phrase vector would be the same length as a word vector for comparison. But still, methods like doc2vec are better than a simple average or sum. Finally, you could proceed to compare each word in the first list to every phrase in the second list, and find the closest phrase.&#xD;&#xA;&#xD;&#xA;Note that a phrase like &quot;cloud computing&quot; has a completely different meaning than the word &quot;cloud&quot;. Therefore, these phrases, specially if frequent, better to be treated as a \*single\* word, e.g.&#xD;&#xA;&#xD;&#xA; phrase =  
w2v('cloud\_computing')&#xD;&#xA;&#xD;&#xA;Also, take a look at [fast --> Word Count (20)

UserId="45603" Comment="Fixed a huge semantic typo and improved symbolic consistency." --> Word Count (86)

UserId="29575" Comment="Minor formatting" --> Word Count (73)

UserId="70946" --> Word Count (139)

UserId="70946" --> Word Count (6)

UserId="70946" --> Word Count (1)

UserId="66440" --> Word Count (68)  
 UserId="66440" --> Word Count (11)  
 UserId="66440" --> Word Count (1)  
 UserId="10640" Comment="Title improved" --> Word Count (14)  
 UserId="29575" Comment="SE is not a forum" --> Word Count (202)  
 UserId="201" Comment="added 1240 characters in body" --> Word Count (164)  
 UserId="201" Comment="added 254 characters in body" --> Word Count (45)  
 UserId="201" Comment="added 168 characters in body" --> Word Count (26)  
 UserId="201" Comment="added 705 characters in body" --> Word Count (98)  
 UserId="201" Comment="added 220 characters in body" --> Word Count (36)  
 UserId="46305" Comment="added 204 characters in body" --> Word Count (166)  
 UserId="52291" --> Word Count (126)  
 UserId="46305" Comment="added 204 characters in body" --> Word Count (170)  
 UserId="52291" Comment="Made print to show result" --> Word Count (241)  
 UserId="52291" Comment="Explained possible errors" --> Word Count (262)  
 UserId="46305" Comment="added 204 characters in body" --> Word Count (205)  
 UserId="52291" Comment="Put info on top for visibility" --> Word Count (268)  
 UserId="70950" --> Word Count (1219)  
 UserId="70950" --> Word Count (5)  
 UserId="70950" --> Word Count (1)  
 UserId="45264" Comment="Made title more closely match the problem whilst also being more general." --> Word Count (7)  
 UserId="32926" --> Word Count (85)  
 UserId="53204" Comment="added 4 characters in body" --> Word Count (266)  
 UserId="70956" --> Word Count (114)  
 UserId="70956" --> Word Count (11)  
 UserId="70956" --> Word Count (1)  
 UserId="53204" Comment="added 8 characters in body" --> Word Count (265)  
 UserId="53204" Comment="added 8 characters in body" --> Word Count (263)  
 UserId="67328" --> Word Count (528)  
 UserId="70958" --> Word Count (122)  
 UserId="70958" --> Word Count (8)  
 UserId="70958" --> Word Count (1)  
 UserId="65776" --> Word Count (151)  
 UserId="65776" --> Word Count (6)  
 UserId="65776" --> Word Count (1)  
 UserId="70960" --> Word Count (122)  
 UserId="70066" Comment="added 545 characters in body" --> Word Count (200)  
 UserId="52291" --> Word Count (44)  
 UserId="29575" Comment="Minor formatting / grammar" --> Word Count (125)  
 UserId="70962" --> Word Count (768)  
 UserId="70962" --> Word Count (10)  
 UserId="70962" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" Text="You cannot apply word2vec on multiple words. You should use something like [doc2vec][1], which gives a vector for each phrase:&#xD;&#xA;&#xD;&#xA; phrase = model.infer\_vector(['microsoft', 'visual', 'studio'])&#xD;&#xA;&#xD;&#xA;You can also average or sum the vectors of words (from word2vec) in each phrase,

e.g.  $\vec{w}_{\text{microsoft}} + \vec{w}_{\text{visual}} + \vec{w}_{\text{studio}}$ ; This way, a phrase vector would be the same length as a word vector for comparison. But still, methods like doc2vec are better than a simple average or sum. Finally, you could proceed to compare each word in the first list to every phrase in the second list, and find the closest phrase. Note that a phrase like "cloud computing" has a completely different meaning than the word "cloud". Therefore, these phrases, specially if frequent, better to be treated as a *single* word, e.g.  $\vec{w}_{\text{cloud\_computing}}$ ; Extra directions:

1. Here is [an answer by Astariul on stackoverflow][2] that uses a function from word2vec package to calculate similarity between two sets of words.

1. Take a look at [fast --> Word Count (23)]

UserId="52291" Comment="Added code" --> Word Count (260)

UserId="52291" Comment="Added code" --> Word Count (260)

UserId="69689" Comment="added 149 characters in body" --> Word Count (101)

UserId="67328" Comment="Wording improved" --> Word Count (531)

UserId="70950" Comment="added 431 characters in body" --> Word Count (1278)

UserId="70950" Comment="added 163 characters in body" --> Word Count (1294)

UserId="70972" --> Word Count (270)

UserId="70972" --> Word Count (8)

UserId="70972" --> Word Count (1)

UserId="67605" --> Word Count (37)

UserId="67605" --> Word Count (11)

UserId="67605" --> Word Count (1)

UserId="70066" --> Word Count (192)

UserId="54846" --> Word Count (230)

UserId="54846" --> Word Count (9)

UserId="54846" --> Word Count (1)

UserId="52291" --> Word Count (24)

UserId="61941" Comment="added 600 characters in body" --> Word Count (415)

UserId="52291" Comment="Some additional explaining" --> Word Count (39)

UserId="60105" --> Word Count (70)

UserId="60105" --> Word Count (10)

UserId="60105" --> Word Count (1)

UserId="67328" --> Word Count (123)

UserId="67328" Comment="Explanation improved" --> Word Count (115)

UserId="67328" Comment="Explanation improved" --> Word Count (130)

UserId="67328" Comment="Calculations improved" --> Word Count (135)

UserId="67328" Comment="Correction" --> Word Count (135)

UserId="69296" --> Word Count (2087)

UserId="69296" --> Word Count (6)

UserId="69296" --> Word Count (1)

UserId="18703" --> Word Count (514)

UserId="52291" Comment="Made text clearer" --> Word Count (276)

UserId="21468" --> Word Count (87)

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UserId="21468" --> Word Count (1)



UserId="70978" --> Word Count (63)  
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 UserId="40308" Comment="added 321 characters in body" --> Word Count (109)  
 UserId="45264" --> Word Count (226)  
 UserId="14779" --> Word Count (14)  
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 UserId="70984" --> Word Count (1)  
 UserId="70843" Comment="added 254 characters in body" --> Word Count (329)  
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 UserId="39403" --> Word Count (1)  
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 UserId="70987" --> Word Count (9)  
 UserId="70987" --> Word Count (1)  
 UserId="69535" Comment="edited body" --> Word Count (206)  
 UserId="70991" --> Word Count (38)  
 UserId="70991" --> Word Count (12)  
 UserId="70991" --> Word Count (1)  
 UserId="70991" Comment="added 73 characters in body" --> Word Count (51)  
 UserId="70990" --> Word Count (465)  
 UserId="70990" --> Word Count (13)  
 UserId="70990" --> Word Count (1)  
 UserId="70990" Comment="deleted 189 characters in body" --> Word Count (451)  
 UserId="67412" --> Word Count (12)  
 UserId="67412" Comment="added 462 characters in body" --> Word Count (86)  
 UserId="70993" --> Word Count (105)  
 UserId="70994" --> Word Count (456)  
 UserId="70994" --> Word Count (21)  
 UserId="70994" --> Word Count (1)  
 UserId="50534" Text="In my opinion, start with:&#xD;&#xA;&#xD;&#xA; - Coursera's  
 Andrew Ng's classes&#xD;&#xA; - [Machine  
 Learning](https://www.coursera.org/learn/machine-learning) (very good for the  
 maths)&#xD;&#xA; - then go to his [deep learning

class](https://www.coursera.org/specializations/deep-learning) (I haven't done it but I only hear good things from it)&#xD;&#xA;&#xD;&#xA; - Udacity had a very good Data Science Specialisation divided in 4 classes. I don't know if it's still available (I did it two years ago) but it is probably either still there or an improved version has replaced it. The 4 courses where:&#xD;&#xA; - Intro to Data science&#xD;&#xA; - Visualisation&#xD;&#xA; - Machine Learning&#xD;&#xA; - --> Word Count (13)

UserId="-1" Comment="105" --> Word Count (5)

UserId="50534" --> Word Count (86)

UserId="50534" --> Word Count (140)

UserId="67605" --> Word Count (31)

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UserId="54096" --> Word Count (80)

UserId="54096" --> Word Count (71)

UserId="70783" Comment="added 97 characters in body" --> Word Count (193)

UserId="67328" --> Word Count (237)

UserId="70995" --> Word Count (93)

UserId="70995" --> Word Count (16)

UserId="70995" --> Word Count (1)

UserId="54096" --> Word Count (38)

UserId="-1" --> Word Count (1)

UserId="-1" --> Word Count (1)

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UserId="201" --> Word Count (904)

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UserId="56922" --> Word Count (130)

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UserId="70994" --> Word Count (1)

UserId="70478" --> Word Count (107)

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UserId="70987" Comment="added link to my code" --> Word Count (128)

UserId="71006" --> Word Count (60)

UserId="29169" Comment="Spelling corrections etc." --> Word Count (476)

UserId="29575" Comment="Spelling corrections etc." --> Word Count (472)  
 UserId="70066" --> Word Count (125)  
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 UserId="1330" --> Word Count (98)  
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 UserId="63652" --> Word Count (206)  
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 UserId="63652" --> Word Count (1)  
 UserId="63652" Comment="added 47 characters in body" --> Word Count (80)  
 UserId="69174" --> Word Count (50)  
 UserId="70066" --> Word Count (236)  
 UserId="71010" Comment="added 45 characters in body" --> Word Count (1110)  
 UserId="51209" Comment="I corrected several grammatical mistakes." --> Word Count (85)  
 UserId="29575" Comment="I corrected several grammatical mistakes." --> Word Count (83)  
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 UserId="41000" --> Word Count (186)  
 UserId="70066" Comment="added 580 characters in body" --> Word Count (365)  
 UserId="51209" --> Word Count (99)  
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 UserId="70718" Comment="Added data sample" --> Word Count (162)  
 UserId="51209" --> Word Count (45)  
 UserId="70718" Comment="Added data sample" --> Word Count (205)  
 UserId="70509" --> Word Count (472)  
 UserId="70509" --> Word Count (11)  
 UserId="70509" --> Word Count (1)  
 UserId="70066" Comment="added 869 characters in body" --> Word Count (499)  
 UserId="70066" Comment="added reference/link for Tensorflow lite for microcontrollers" --> Word Count (83)  
 UserId="29575" Comment="Minor grammar" --> Word Count (82)  
 UserId="59363" --> Word Count (259)  
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 UserId="59363" --> Word Count (1)  
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 UserId="70235" --> Word Count (685)  
 UserId="70235" --> Word Count (2)  
 UserId="70235" --> Word Count (1)  
 UserId="67412" --> Word Count (295)  
 UserId="67412" Comment="deleted 1 character in body" --> Word Count (295)

UserId="29169" Comment="Capitalization errors and phrasing/formatting" --> Word Count (679)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (666)  
 UserId="201" Comment="added 162 characters in body" --> Word Count (22)  
 UserId="201" Comment="added 2226 characters in body" --> Word Count (291)  
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 UserId="201" Comment="added 299 characters in body" --> Word Count (47)  
 UserId="201" Comment="added 996 characters in body" --> Word Count (120)  
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 UserId="70546" --> Word Count (1)  
 UserId="70066" --> Word Count (109)  
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 UserId="61849" --> Word Count (8)  
 UserId="61849" --> Word Count (1)  
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 UserId="61849" Comment="added 670 characters in body" --> Word Count (281)  
 UserId="61849" Comment="added 670 characters in body" --> Word Count (328)  
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 UserId="71030" --> Word Count (8)  
 UserId="71030" --> Word Count (1)  
 UserId="61849" Comment="added 670 characters in body" --> Word Count (367)  
 UserId="71031" --> Word Count (101)  
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 UserId="67605" --> Word Count (1)

UserId="38892" Comment="added 2 characters in body" --> Word Count (102)  
 UserId="71036" --> Word Count (351)  
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 UserId="39963" --> Word Count (77)  
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 UserId="201" Comment="added 2592 characters in body" --> Word Count (225)  
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 UserId="68023" --> Word Count (123)  
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 UserId="201" Comment="added 241 characters in body" --> Word Count (36)  
 UserId="201" Comment="added 213 characters in body" --> Word Count (32)  
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 UserId="201" Comment="added 460 characters in body" --> Word Count (69)  
 UserId="201" Comment="added 1698 characters in body" --> Word Count (270)  
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 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="67328" --> Word Count (977)  
 UserId="201" Comment="added 390 characters in body" --> Word Count (70)  
 UserId="201" Comment="added 117 characters in body" --> Word Count (21)  
 UserId="201" Comment="added 286 characters in body" --> Word Count (42)  
 UserId="201" Comment="added 397 characters in body" --> Word Count (52)  
 UserId="201" Comment="added 115 characters in body" --> Word Count (17)  
 UserId="201" Comment="added 610 characters in body" --> Word Count (70)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)

UserId="67328" Comment="Explanation improved" --> Word Count (1081)  
 UserId="71047" --> Word Count (78)  
 UserId="71047" --> Word Count (15)  
 UserId="71047" --> Word Count (1)  
 UserId="67328" Comment="Minor code correction" --> Word Count (1081)  
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 --> Word Count (140)  
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 UserId="201" Comment="Add matlab tag" --> Word Count (1)  
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 Count (1)  
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 UserId="64985" Comment="via Vote" --> Word Count (1)  
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SDS code" --> Word Count (283)  
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 --> Word Count (115)  
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 (55)  
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 UserId="201" Comment="added 5607 characters in body" Text="[Regular  
 expressions](https://en.wikipedia.org/wiki/Regular\_expression) are a powerful

formalism for pattern matching in strings. They are available in a variety of dialects (also known as \*flavors\*) in a number of programming languages and text-processing tools, as well as many specialized applications. The term "Regular expression" is typically abbreviated as "Regex" or "regex".# Further Reading## Learning regular expressions \* [ --> Word Count (451)

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UserId="71202" --> Word Count (75)

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UserId="70066" --> Word Count (302)

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 UserId="71213" --> Word Count (46)  
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Word Count (117)

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UserId="56408" --> Word Count (1)

UserId="70181" --> Word Count (116)

UserId="70066" Comment="added 449 characters in body" --> Word Count (161)

UserId="71222" --> Word Count (238)

UserId="71222" --> Word Count (17)

UserId="71222" --> Word Count (1)

UserId="26562" --> Word Count (238)

UserId="71201" --> Word Count (76)

UserId="71201" --> Word Count (16)

UserId="71201" --> Word Count (1)

UserId="5091" --> Word Count (31)

UserId="5091" --> Word Count (3)

UserId="5091" --> Word Count (1)

UserId="-1" --> Word Count (1)

UserId="-1" --> Word Count (1)

UserId="-1" --> Word Count (1)

UserId="-1" --> Word Count (1)

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UserId="-1" --> Word Count (1)

UserId="-1" --> Word Count (1)

UserId="-1" --> Word Count (1)

UserId="52291" --> Word Count (230)

UserId="52291" Comment="Fixed coding error and phrasing" --> Word Count (288)

UserId="52291" Comment="Wording" --> Word Count (289)

UserId="71231" --> Word Count (176)

UserId="71231" --> Word Count (14)

UserId="71231" --> Word Count (1)

UserId="61941" --> Word Count (106)

UserId="70994" --> Word Count (54)

UserId="71231" Comment="edited title" --> Word Count (14)

UserId="61941" Comment="added 7 characters in body" --> Word Count (107)

UserId="69343" Comment="added 11 characters in body" --> Word Count (302)

UserId="71113" --> Word Count (38)

UserId="71113" Comment="added 2 characters in body" --> Word Count (39)

UserId="7916" --> Word Count (220)

UserId="67508" --> Word Count (117)

UserId="67508" --> Word Count (7)

UserId="67508" --> Word Count (1)

UserId="71240" --> Word Count (94)

UserId="71240" --> Word Count (4)

UserId="71240" --> Word Count (1)

UserId="71241" Comment="Edited the table format" --> Word Count (150)

UserId="56797" --> Word Count (162)

UserId="56797" --> Word Count (11)



UserId="56797" --> Word Count (1)  
UserId="70759" --> Word Count (23)  
UserId="70759" --> Word Count (8)  
UserId="70759" --> Word Count (1)  
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UserId="69484" --> Word Count (3)  
UserId="69484" --> Word Count (1)  
UserId="71243" --> Word Count (68)  
UserId="71198" Comment="added 785 characters in body" --> Word Count (471)  
UserId="9316" --> Word Count (53)  
UserId="67328" Comment="Explanation improved" --> Word Count (348)  
UserId="67328" Comment="Explanation improved" --> Word Count (419)  
UserId="63652" --> Word Count (109)  
UserId="63652" --> Word Count (3)  
UserId="63652" --> Word Count (1)  
UserId="67328" Comment="Formula format improved" --> Word Count (130)  
UserId="41771" --> Word Count (131)  
UserId="67328" --> Word Count (150)  
UserId="41771" --> Word Count (33)  
UserId="67328" Comment="added 37 characters in body" --> Word Count (154)  
UserId="-1" --> Word Count (1)  
UserId="-1" --> Word Count (1)  
UserId="-1" --> Word Count (1)  
UserId="-1" --> Word Count (1)  
UserId="-1" --> Word Count (1)  
UserId="-1" --> Word Count (1)  
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UserId="64981" --> Word Count (1)  
UserId="26019" Comment="edited body" --> Word Count (177)  
UserId="26019" Comment="edited body" --> Word Count (103)  
UserId="26019" Comment="edited body" --> Word Count (306)  
UserId="70066" Comment="added 393 characters in body" --> Word Count (146)  
UserId="64856" --> Word Count (116)  
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UserId="71256" --> Word Count (8)  
UserId="71256" --> Word Count (1)  
UserId="65323" --> Word Count (76)  
UserId="51209" --> Word Count (118)  
UserId="70680" --> Word Count (95)  
UserId="70680" --> Word Count (4)  
UserId="70680" --> Word Count (1)  
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UserId="67349" --> Word Count (11)  
UserId="67349" --> Word Count (1)  
UserId="70838" --> Word Count (70)

UserId="65776" --> Word Count (200)  
 UserId="65776" --> Word Count (8)  
 UserId="65776" --> Word Count (1)  
 UserId="67328" --> Word Count (292)  
 UserId="65776" Comment="added 87 characters in body" --> Word Count (227)  
 UserId="65776" Comment="added 87 characters in body" --> Word Count (1)  
 UserId="70838" Comment="added 3 characters in body" --> Word Count (70)  
 UserId="71261" --> Word Count (16)  
 UserId="51209" Comment="I corrected several grammatical mistakes." --> Word Count (227)  
 UserId="65776" Comment="deleted 5 characters in body" --> Word Count (225)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (223)  
 UserId="71022" --> Word Count (601)  
 UserId="71022" --> Word Count (8)  
 UserId="71022" --> Word Count (1)  
 UserId="71262" --> Word Count (166)  
 UserId="71262" --> Word Count (8)  
 UserId="71262" --> Word Count (1)  
 UserId="51209" --> Word Count (96)  
 UserId="71264" --> Word Count (218)  
 UserId="71264" --> Word Count (13)  
 UserId="71264" --> Word Count (1)  
 UserId="71266" --> Word Count (14)  
 UserId="71268" --> Word Count (40)  
 UserId="71268" --> Word Count (9)  
 UserId="71268" --> Word Count (1)  
 UserId="52291" --> Word Count (169)  
 UserId="51209" --> Word Count (205)  
 UserId="50534" Comment="added 1094 characters in body" --> Word Count (307)  
 UserId="51209" Comment="added 184 characters in body; deleted 39 characters in body" --> Word Count (225)  
 UserId="52291" Comment="Removed irrelevant info, added tag" --> Word Count (35)  
 UserId="52291" Comment="Removed irrelevant info, added tag" --> Word Count (1)  
 UserId="26019" Comment="edited body" --> Word Count (277)  
 UserId="23305" Comment="make header more explicit" --> Word Count (7)  
 UserId="52291" Comment="added 101 characters in body" --> Word Count (179)  
 UserId="67328" --> Word Count (285)  
 UserId="67328" Comment="added 1 character in body" --> Word Count (285)  
 UserId="71271" --> Word Count (222)  
 UserId="71271" --> Word Count (10)  
 UserId="71271" --> Word Count (1)  
 UserId="71274" --> Word Count (214)  
 UserId="71274" --> Word Count (10)  
 UserId="71274" --> Word Count (1)  
 UserId="67328" Comment="Reference format improved" --> Word Count (75)  
 UserId="52291" Comment="Made graph a bit clearer and formatted all to code" --> Word Count (225)  
 UserId="71276" --> Word Count (127)

UserId="71276" --> Word Count (18)  
 UserId="71276" --> Word Count (1)  
 UserId="71275" --> Word Count (163)  
 UserId="71275" --> Word Count (13)  
 UserId="71275" --> Word Count (1)  
 UserId="71271" --> Word Count (14)  
 UserId="67328" Comment="Reference format improved" --> Word Count (23)  
 UserId="70875" --> Word Count (54)  
 UserId="70875" --> Word Count (3)  
 UserId="70875" --> Word Count (1)  
 UserId="52291" --> Word Count (142)  
 UserId="71281" --> Word Count (16)  
 UserId="71281" --> Word Count (5)  
 UserId="71281" --> Word Count (1)  
 UserId="71282" --> Word Count (98)  
 UserId="71282" --> Word Count (10)  
 UserId="71282" --> Word Count (1)  
 UserId="52291" Comment="Added where NNs are best" --> Word Count (165)  
 UserId="52291" Comment="More detailed titel, grammar and tag" --> Word Count (18)  
 UserId="52291" Comment="More detailed titel, grammar and tag" --> Word Count (10)  
 UserId="52291" Comment="More detailed titel, grammar and tag" --> Word Count (1)  
 UserId="23305" Comment="More detailed titel, grammar and tag" --> Word Count (18)  
 UserId="71283" --> Word Count (119)  
 UserId="71283" --> Word Count (14)  
 UserId="71283" --> Word Count (1)  
 UserId="23305" Comment="101" --> Word Count (2)  
 UserId="23305" Comment="clarify title" --> Word Count (99)  
 UserId="23305" Comment="clarify title" --> Word Count (9)  
 UserId="71033" --> Word Count (33)  
 UserId="70066" --> Word Count (195)  
 UserId="67328" --> Word Count (133)  
 UserId="71286" --> Word Count (79)  
 UserId="71286" --> Word Count (13)  
 UserId="71286" --> Word Count (1)  
 UserId="71288" --> Word Count (59)  
 UserId="71288" --> Word Count (6)  
 UserId="71288" --> Word Count (1)  
 UserId="69793" --> Word Count (26)  
 UserId="69793" --> Word Count (12)  
 UserId="69793" --> Word Count (1)  
 UserId="70066" --> Word Count (89)  
 UserId="71293" --> Word Count (332)  
 UserId="71293" --> Word Count (4)  
 UserId="71293" --> Word Count (1)

UserId="70066" Comment="Corrected some spelling errors and tried to organize the question a bit better" --> Word Count (67)  
 UserId="71294" --> Word Count (68)  
 UserId="71294" --> Word Count (14)  
 UserId="71294" --> Word Count (1)  
 UserId="70066" --> Word Count (94)  
 UserId="71293" Comment="added 290 characters in body" --> Word Count (385)  
 UserId="71297" --> Word Count (132)  
 UserId="70066" Comment="added 749 characters in body" --> Word Count (215)  
 UserId="70791" Comment="added 5 characters in body" --> Word Count (109)  
 UserId="71304" --> Word Count (56)  
 UserId="71304" --> Word Count (10)  
 UserId="71304" --> Word Count (1)  
 UserId="71086" --> Word Count (24)  
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 UserId="71086" --> Word Count (1)  
 UserId="71294" Comment="added 590 characters in body" --> Word Count (137)  
 UserId="50406" Comment="Added a folder tree" --> Word Count (56)  
 UserId="71304" Comment="added 87 characters in body" --> Word Count (62)  
 UserId="71310" --> Word Count (75)  
 UserId="71310" --> Word Count (10)  
 UserId="71310" --> Word Count (1)  
 UserId="50406" --> Word Count (26)  
 UserId="35679" --> Word Count (67)  
 UserId="52089" --> Word Count (38)  
 UserId="51209" --> Word Count (180)  
 UserId="56922" --> Word Count (118)  
 UserId="70363" --> Word Count (10)  
 UserId="70363" --> Word Count (10)  
 UserId="70363" --> Word Count (1)  
 UserId="71154" Comment="added an additional link that further explains the answer" --> Word Count (153)  
 UserId="67605" --> Word Count (200)  
 UserId="67605" --> Word Count (9)  
 UserId="67605" --> Word Count (1)  
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 UserId="71314" --> Word Count (1)  
 UserId="71316" --> Word Count (365)  
 UserId="71316" --> Word Count (11)  
 UserId="71316" --> Word Count (1)  
 UserId="56797" Comment="Some more explanations that might help" --> Word Count (829)  
 UserId="66759" --> Word Count (105)  
 UserId="66759" --> Word Count (6)  
 UserId="66759" --> Word Count (1)  
 UserId="70716" --> Word Count (122)  
 UserId="67605" Comment="added 69 characters in body" --> Word Count (205)

UserId="50406" Comment="Updated code" --> Word Count (35)  
 UserId="43681" --> Word Count (289)  
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 UserId="67605" --> Word Count (56)  
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 UserId="67605" --> Word Count (1)  
 UserId="43681" Comment="added 99 characters in body" --> Word Count (302)  
 UserId="51209" --> Word Count (272)  
 UserId="27983" --> Word Count (150)  
 UserId="51209" Comment="added 2 characters in body" --> Word Count (272)  
 UserId="27983" --> Word Count (109)  
 UserId="51209" --> Word Count (45)  
 UserId="51209" --> Word Count (183)  
 UserId="67328" Comment="Question points to a specific course, and is not about derivation of Heaps' Law Equation" --> Word Count (11)  
 UserId="51209" Comment="added 523 characters in body" --> Word Count (269)  
 UserId="40921" --> Word Count (71)  
 UserId="61522" --> Word Count (127)  
 UserId="61522" --> Word Count (6)  
 UserId="61522" --> Word Count (1)  
 UserId="67328" --> Word Count (446)  
 UserId="71327" --> Word Count (37)  
 UserId="71327" --> Word Count (6)  
 UserId="71327" --> Word Count (1)  
 UserId="71327" Comment="deleted 20 characters in body" --> Word Count (35)  
 UserId="67328" Comment="Title keywords enriched" --> Word Count (10)  
 UserId="71327" Comment="deleted 20 characters in body" --> Word Count (35)  
 UserId="51209" --> Word Count (55)  
 UserId="71330" --> Word Count (65)  
 UserId="71331" --> Word Count (211)  
 UserId="71331" --> Word Count (12)  
 UserId="71331" --> Word Count (1)  
 UserId="30385" --> Word Count (42)  
 UserId="-1" Comment="Accourding to FaQ" --> Word Count (23)  
 UserId="70066" Comment="added mathjax equations" --> Word Count (129)  
 UserId="51209" Comment="I corrected several grammatical mistakes." --> Word Count (139)  
 UserId="29575" Comment="Nothing incorrect about organise" --> Word Count (139)  
 UserId="11097" Comment="104" --> Word Count (1)  
 UserId="11097" Comment="104" --> Word Count (1)  
 UserId="70548" --> Word Count (45)  
 UserId="70548" --> Word Count (16)  
 UserId="70548" --> Word Count (1)  
 UserId="67328" Comment="Formula corrected" --> Word Count (129)  
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 UserId="71334" --> Word Count (1)

UserId="67328" Comment="Wording improved" --> Word Count (445)  
 UserId="71334" Comment="added the output to the code" --> Word Count (4671)  
 UserId="71333" --> Word Count (145)  
 UserId="71333" --> Word Count (8)  
 UserId="71333" --> Word Count (1)  
 UserId="71335" --> Word Count (915)  
 UserId="71335" --> Word Count (8)  
 UserId="71335" --> Word Count (1)  
 UserId="33202" --> Word Count (146)  
 UserId="71335" Comment="edited title" --> Word Count (9)  
 UserId="67328" Comment="Explanation improved" --> Word Count (381)  
 UserId="67328" Comment="Explanation improved" --> Word Count (114)  
 UserId="67328" Comment="Formatting improved" --> Word Count (446)  
 UserId="54509" --> Word Count (121)  
 UserId="71218" --> Word Count (45)  
 UserId="70958" Comment="fault identified" --> Word Count (167)  
 UserId="71218" --> Word Count (66)  
 UserId="27983" Comment="typo" --> Word Count (150)  
 UserId="65593" --> Word Count (73)  
 UserId="23305" Comment="appended answer 38149 as supplemental" --> Word Count (336)  
 UserId="71218" --> Word Count (29)  
 UserId="66759" Comment="edited title" --> Word Count (6)  
 UserId="71297" --> Word Count (292)  
 UserId="70802" --> Word Count (650)  
 UserId="70802" --> Word Count (4)  
 UserId="70802" --> Word Count (1)  
 UserId="56195" --> Word Count (43)  
 UserId="71297" --> Word Count (79)  
 UserId="56195" Comment="added 1 character in body" --> Word Count (48)  
 UserId="71297" Comment="added 463 characters in body" --> Word Count (210)  
 UserId="71345" --> Word Count (75)  
 UserId="71345" --> Word Count (9)  
 UserId="71345" --> Word Count (1)  
 UserId="71297" Comment="added 463 characters in body" --> Word Count (251)  
 UserId="56195" Comment="added 19 characters in body" --> Word Count (50)  
 UserId="71297" Comment="added 463 characters in body" --> Word Count (341)  
 UserId="71345" Comment="added 222 characters in body" --> Word Count (112)  
 UserId="71297" Comment="added 463 characters in body" --> Word Count (379)  
 UserId="67328" --> Word Count (252)  
 UserId="67328" Comment="added 1 character in body" --> Word Count (253)  
 UserId="67328" Comment="via Vote" --> Word Count (1)  
 UserId="71348" --> Word Count (89)  
 UserId="71348" --> Word Count (6)  
 UserId="71348" --> Word Count (1)  
 UserId="67328" --> Word Count (1)  
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UserId="71346" --> Word Count (51)  
UserId="71346" --> Word Count (15)  
UserId="71346" --> Word Count (1)  
UserId="71218" --> Word Count (58)  
UserId="71297" Comment="added 68 characters in body" --> Word Count (439)  
UserId="71297" Comment="added 68 characters in body" --> Word Count (419)  
UserId="71297" Comment="deleted 1143 characters in body" --> Word Count (222)  
UserId="67328" Comment="Explanation improved" --> Word Count (418)  
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UserId="67328" Comment="Explanation improved" --> Word Count (431)  
UserId="67328" Comment="added 34 characters in body" --> Word Count (438)  
UserId="67328" Comment="Explanation improved" --> Word Count (455)  
UserId="71357" --> Word Count (177)  
UserId="71357" --> Word Count (21)  
UserId="71357" --> Word Count (1)  
UserId="71356" --> Word Count (124)  
UserId="71345" Comment="added 4 characters in body" --> Word Count (112)  
UserId="67328" Comment="Explanation improved" --> Word Count (458)  
UserId="71357" Comment="added 2 characters in body" --> Word Count (177)  
UserId="70066" Comment="altered the meaning adding a &quot;can&quot; since it  
might or might not increase false positives." --> Word Count (56)  
UserId="71359" --> Word Count (104)  
UserId="71359" --> Word Count (15)  
UserId="71359" --> Word Count (1)  
UserId="71357" Comment="added 2 characters in body" --> Word Count (221)  
UserId="70346" --> Word Count (96)  
UserId="70346" --> Word Count (9)  
UserId="70346" --> Word Count (1)  
UserId="51209" --> Word Count (191)  
UserId="51209" --> Word Count (15)  
UserId="51209" --> Word Count (1)  
UserId="71361" --> Word Count (62)  
UserId="71361" --> Word Count (9)  
UserId="71361" --> Word Count (1)  
UserId="51209" Comment="added 96 characters in body" --> Word Count (202)  
UserId="71218" --> Word Count (164)  
UserId="71218" --> Word Count (53)  
UserId="867" --> Word Count (72)  
UserId="52291" --> Word Count (111)  
UserId="57019" --> Word Count (110)  
UserId="57019" --> Word Count (3)  
UserId="57019" --> Word Count (1)  
UserId="52291" Comment="Info about leaks" --> Word Count (162)  
UserId="67328" Comment="via Vote" --> Word Count (1)

UserId="52291" Comment="Options moving forward" --> Word Count (191)  
UserId="867" --> Word Count (34)  
UserId="71218" --> Word Count (25)  
UserId="29575" Comment="Format link" --> Word Count (56)  
UserId="867" Comment="added 60 characters in body" --> Word Count (41)  
UserId="52291" Comment="Plain english" --> Word Count (191)  
UserId="867" --> Word Count (33)  
UserId="59047" --> Word Count (26)  
UserId="67328" Comment="Explanation improved" --> Word Count (838)  
UserId="67328" --> Word Count (1)  
UserId="67328" Comment="Code corrected" --> Word Count (851)  
UserId="71218" --> Word Count (115)  
UserId="67328" Comment="Explanation improved" --> Word Count (864)  
UserId="67328" Comment="Explanation improved" --> Word Count (925)  
UserId="25997" --> Word Count (197)  
UserId="25997" --> Word Count (3)  
UserId="25997" --> Word Count (1)  
UserId="67328" Comment="Explanation improved" --> Word Count (942)  
UserId="71218" --> Word Count (91)  
UserId="30613" --> Word Count (115)  
UserId="30613" --> Word Count (7)  
UserId="30613" --> Word Count (1)  
UserId="46360" --> Word Count (80)  
UserId="58164" --> Word Count (177)  
UserId="58164" Text=" --> Word Count (16)  
UserId="58164" --> Word Count (1)  
UserId="29575" Comment="Remove extra commentary" --> Word Count (70)  
UserId="69689" Comment="added 712 characters in body" --> Word Count (191)  
UserId="69689" Comment="added 712 characters in body" --> Word Count (190)  
UserId="71218" Comment="edited body" --> Word Count (25)  
UserId="64760" --> Word Count (172)  
UserId="67744" --> Word Count (213)  
UserId="67744" --> Word Count (5)  
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UserId="71374" --> Word Count (44)  
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UserId="71374" --> Word Count (1)  
UserId="15496" --> Word Count (128)  
UserId="42918" --> Word Count (26)  
UserId="42918" --> Word Count (9)  
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UserId="17696" --> Word Count (40)  
UserId="71375" --> Word Count (43)  
UserId="71375" --> Word Count (11)  
UserId="71375" --> Word Count (1)  
UserId="71384" --> Word Count (171)  
UserId="71384" --> Word Count (11)  
UserId="71384" --> Word Count (1)



UserId="71383" --> Word Count (67)  
 UserId="71383" --> Word Count (10)  
 UserId="71383" --> Word Count (1)  
 UserId="64596" --> Word Count (22)  
 UserId="64596" --> Word Count (13)  
 UserId="64596" --> Word Count (1)  
 UserId="63906" --> Word Count (290)  
 UserId="63906" --> Word Count (11)  
 UserId="63906" --> Word Count (1)  
 UserId="71326" --> Word Count (142)  
 UserId="71326" --> Word Count (9)  
 UserId="71326" --> Word Count (1)  
 UserId="71393" --> Word Count (85)  
 UserId="71393" --> Word Count (8)  
 UserId="71393" --> Word Count (1)  
 UserId="64596" Comment="minor edits" --> Word Count (71)  
 UserId="52196" Comment="improved formatting" --> Word Count (105)  
 UserId="50406" Comment="Corrected the answer." --> Word Count (221)  
 UserId="52196" Comment="improved formatting and some spelling" --> Word Count (219)  
 UserId="52196" Comment="improved formatting and some spelling" --> Word Count (12)  
 UserId="69822" Comment="rephrasing , corrected spelling" Text="Yes, having lots of recorded conversations is great for building a speech recognition system. You will still have to create training samples (Each sample will be parts of Wave file --> text), but you will need lesser number of samples. &#xD;&#xA;&#xD;&#xA;High level steps are :&#xD;&#xA;&#xD;&#xA; 1. Train a GAN on raw audio &#xD;&#xA; 2. Train a Language model on raw text data (it needs not be from these conversations, but has to be from same domain). For example, if conversations are related to medical, train language model on medical text. &#xD;&#xA; 3. Merge these models and train on labeled samples &#xD;&#xA;&#xD;&#xA;For step 1, Google WaveNet is a good example (it is eventually used for Text-to-Speech, it is a component in Speech-to- --> Word Count (11)  
 UserId="11097" Comment="104" --> Word Count (3)  
 UserId="69822" --> Word Count (160)  
 UserId="69822" --> Word Count (5)  
 UserId="69822" --> Word Count (1)  
 UserId="30328" --> Word Count (190)  
 UserId="70066" --> Word Count (130)  
 UserId="69822" Comment="added 12 characters in body" --> Word Count (162)  
 UserId="69670" --> Word Count (72)  
 UserId="67328" Comment="Explanation improved" --> Word Count (1089)  
 UserId="67328" Comment="Caption corrected" --> Word Count (1100)  
 UserId="58750" --> Word Count (194)  
 UserId="58750" --> Word Count (6)  
 UserId="58750" --> Word Count (1)  
 UserId="51209" --> Word Count (163)

UserId="58750" Comment="Qualified what the problem was" --> Word Count (199)  
 UserId="67328" Comment="Explanation improved" --> Word Count (461)  
 UserId="51209" Comment="edited title" --> Word Count (4)  
 UserId="71390" --> Word Count (103)  
 UserId="51209" Comment="added 9 characters in body; edited title" --> Word Count (203)  
 UserId="51209" Comment="added 9 characters in body; edited title" --> Word Count (5)  
 UserId="67328" Comment="Explanation improved" --> Word Count (1134)  
 UserId="27983" Comment="grammar" --> Word Count (153)  
 UserId="71218" --> Word Count (90)  
 UserId="30613" Comment="punctuation" --> Word Count (115)  
 UserId="67328" --> Word Count (135)  
 UserId="67328" Comment="Explanation improved" --> Word Count (136)  
 UserId="67328" Comment="Explanation improved" --> Word Count (136)  
 UserId="71218" --> Word Count (47)  
 UserId="70672" --> Word Count (160)  
 UserId="70672" --> Word Count (11)  
 UserId="70672" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (166)  
 UserId="71218" --> Word Count (102)  
 UserId="71218" --> Word Count (21)  
 UserId="71218" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (168)  
 UserId="67605" Comment="edited title" --> Word Count (10)  
 UserId="45916" --> Word Count (244)  
 UserId="45916" --> Word Count (7)  
 UserId="45916" --> Word Count (1)  
 UserId="16829" --> Word Count (154)  
 UserId="16829" --> Word Count (16)  
 UserId="16829" --> Word Count (1)  
 UserId="71401" --> Word Count (161)  
 UserId="71401" --> Word Count (7)  
 UserId="71401" --> Word Count (1)  
 UserId="51467" --> Word Count (150)  
 UserId="71218" --> Word Count (146)  
 UserId="24968" Comment="Reformatted link as text" --> Word Count (243)  
 UserId="43077" Comment="edited title" --> Word Count (8)  
 UserId="69240" --> Word Count (130)  
 UserId="69240" --> Word Count (5)  
 UserId="69240" --> Word Count (1)  
 UserId="71218" --> Word Count (111)  
 UserId="71218" --> Word Count (38)  
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 UserId="71412" --> Word Count (7)  
 UserId="71412" --> Word Count (1)  
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 UserId="54096" --> Word Count (74)

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 UserId="54096" --> Word Count (152)  
 UserId="54096" --> Word Count (22)  
 UserId="55122" --> Word Count (129)  
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 UserId="71375" --> Word Count (48)  
 UserId="71375" --> Word Count (4)  
 UserId="71375" --> Word Count (1)  
 UserId="54096" Comment="added 68 characters in body" --> Word Count (67)  
 UserId="71375" Comment="edited body" --> Word Count (48)  
 UserId="71418" --> Word Count (129)  
 UserId="71418" --> Word Count (5)  
 UserId="71418" --> Word Count (1)  
 UserId="71218" --> Word Count (65)  
 UserId="71218" Comment="added 9 characters in body" --> Word Count (65)  
 UserId="70363" --> Word Count (99)  
 UserId="71359" --> Word Count (147)  
 UserId="71359" --> Word Count (15)  
 UserId="71359" --> Word Count (1)  
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 UserId="71423" --> Word Count (11)  
 UserId="71423" --> Word Count (1)  
 UserId="71425" --> Word Count (86)  
 UserId="71425" --> Word Count (7)  
 UserId="71425" --> Word Count (1)  
 UserId="70066" Comment="Rephrased for clarify and corrected spelling and gramatical errors" --> Word Count (89)  
 UserId="25915" --> Word Count (206)  
 UserId="25915" --> Word Count (8)  
 UserId="25915" --> Word Count (1)  
 UserId="70066" --> Word Count (182)  
 UserId="41771" Comment="added 46 characters in body" --> Word Count (85)  
 UserId="70066" --> Word Count (151)  
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 UserId="71430" --> Word Count (1)  
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 UserId="67537" --> Word Count (1)  
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 UserId="64410" --> Word Count (52)  
 UserId="64410" --> Word Count (7)  
 UserId="64410" --> Word Count (1)  
 UserId="67605" --> Word Count (128)  
 UserId="67605" --> Word Count (6)

UserId="67605" --> Word Count (1)  
 UserId="67412" --> Word Count (96)  
 UserId="71441" --> Word Count (461)  
 UserId="71441" --> Word Count (6)  
 UserId="71441" --> Word Count (1)  
 UserId="50406" Comment="Corrected code" --> Word Count (90)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (82)  
 UserId="71443" --> Word Count (198)  
 UserId="67605" Comment="added 199 characters in body" --> Word Count (141)  
 UserId="52291" --> Word Count (83)  
 UserId="67366" --> Word Count (118)  
 UserId="52291" Comment="Changed format to code" --> Word Count (72)  
 UserId="67328" --> Word Count (266)  
 UserId="67605" Comment="added 249 characters in body" --> Word Count (170)  
 UserId="67328" Comment="Explanation improved" --> Word Count (269)  
 UserId="67328" Comment="Explanation corrected" --> Word Count (454)  
 UserId="67328" Comment="Wording improved" --> Word Count (454)  
 UserId="67605" Comment="added 1837 characters in body" --> Word Count (405)  
 UserId="67328" Comment="Explanation improved" --> Word Count (455)  
 UserId="67366" --> Word Count (342)  
 UserId="54517" --> Word Count (127)  
 UserId="54517" --> Word Count (12)  
 UserId="54517" --> Word Count (1)  
 UserId="1330" --> Word Count (43)  
 UserId="71218" --> Word Count (137)  
 UserId="68313" --> Word Count (501)  
 UserId="68313" --> Word Count (8)  
 UserId="68313" --> Word Count (1)  
 UserId="71464" --> Word Count (189)  
 UserId="71464" --> Word Count (5)  
 UserId="71464" --> Word Count (1)  
 UserId="71218" --> Word Count (138)  
 UserId="71218" Comment="Forgot to explain the 2" --> Word Count (192)  
 UserId="71218" --> Word Count (26)  
 UserId="29575" Comment="Minor formatting" --> Word Count (223)  
 UserId="65349" --> Word Count (391)  
 UserId="65349" --> Word Count (6)  
 UserId="65349" --> Word Count (1)  
 UserId="71469" --> Word Count (79)  
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 UserId="68313" --> Word Count (9)  
 UserId="68313" --> Word Count (1)  
 UserId="64025" --> Word Count (26)  
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 UserId="64025" --> Word Count (1)  
 UserId="71472" --> Word Count (50)

UserId="71472" --> Word Count (11)  
 UserId="71472" --> Word Count (1)  
 UserId="71375" --> Word Count (24)  
 UserId="67412" --> Word Count (92)  
 UserId="70066" Comment="elaborated on the sliding window approach" --> Word Count (242)  
 UserId="69248" --> Word Count (54)  
 UserId="69248" --> Word Count (11)  
 UserId="69248" --> Word Count (1)  
 UserId="38892" --> Word Count (47)  
 UserId="71478" --> Word Count (102)  
 UserId="71478" --> Word Count (6)  
 UserId="71478" --> Word Count (1)  
 UserId="66974" --> Word Count (274)  
 UserId="66974" --> Word Count (7)  
 UserId="66974" --> Word Count (1)  
 UserId="70509" --> Word Count (161)  
 UserId="70509" --> Word Count (17)  
 UserId="70509" --> Word Count (1)  
 UserId="52291" --> Word Count (142)  
 UserId="52291" Comment="Was a bit verbose" --> Word Count (195)  
 UserId="65908" --> Word Count (19)  
 UserId="65908" --> Word Count (5)  
 UserId="65908" --> Word Count (1)  
 UserId="65908" Comment="deleted 2 characters in body" --> Word Count (18)  
 UserId="64596" Comment="minor fixes" --> Word Count (106)  
 UserId="56195" --> Word Count (238)  
 UserId="56195" Comment="added 91 characters in body" --> Word Count (244)  
 UserId="61445" --> Word Count (41)  
 UserId="29575" Comment="102" --> Word Count (5)  
 UserId="60026" --> Word Count (10)  
 UserId="60026" Comment="via Vote" --> Word Count (1)  
 UserId="60026" Comment="added 681 characters in body" --> Word Count (169)  
 UserId="60026" --> Word Count (1)  
 UserId="71491" --> Word Count (66)  
 UserId="71491" --> Word Count (12)  
 UserId="71491" --> Word Count (1)  
 UserId="68742" --> Word Count (36)  
 UserId="68742" --> Word Count (9)  
 UserId="68742" --> Word Count (1)  
 UserId="71491" --> Word Count (163)  
 UserId="1330" --> Word Count (85)  
 UserId="71491" --> Word Count (52)  
 UserId="69240" --> Word Count (181)  
 UserId="71497" --> Word Count (204)  
 UserId="71497" --> Word Count (8)  
 UserId="71497" --> Word Count (1)  
 UserId="71491" --> Word Count (46)

UserId="45440" --> Word Count (71)  
UserId="45440" --> Word Count (7)  
UserId="45440" --> Word Count (1)  
UserId="29575" Comment="Add some info" --> Word Count (74)  
UserId="29575" Comment="Minor grammar" --> Word Count (67)  
UserId="-1" --> Word Count (1)  
UserId="-1" --> Word Count (1)  
UserId="29575" Comment="Remove extra commentary" --> Word Count (128)  
UserId="3117" Comment="added 319 characters in body" --> Word Count (34)  
UserId="3117" Comment="added 98 characters in body" --> Word Count (13)  
UserId="29575" Comment="Add usage guidance" --> Word Count (17)  
UserId="71499" --> Word Count (98)  
UserId="71499" --> Word Count (20)  
UserId="71499" --> Word Count (1)  
UserId="71501" --> Word Count (194)  
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UserId="71501" --> Word Count (1)  
UserId="67412" Comment="Format list" --> Word Count (194)  
UserId="29575" Comment="Format list" --> Word Count (173)  
UserId="71504" --> Word Count (155)  
UserId="71504" --> Word Count (5)  
UserId="71504" --> Word Count (1)  
UserId="18693" --> Word Count (200)  
UserId="18693" --> Word Count (7)  
UserId="18693" --> Word Count (1)  
UserId="66272" --> Word Count (92)  
UserId="67437" --> Word Count (335)  
UserId="67437" --> Word Count (13)  
UserId="67437" --> Word Count (1)  
UserId="71511" --> Word Count (211)  
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UserId="71511" --> Word Count (1)  
UserId="71511" Comment="Provided more detail to the example" --> Word Count (249)  
UserId="37976" --> Word Count (140)  
UserId="37976" --> Word Count (5)  
UserId="37976" --> Word Count (1)  
UserId="70066" --> Word Count (319)  
UserId="71497" Comment="added 340 characters in body" --> Word Count (252)  
UserId="71512" --> Word Count (42)  
UserId="71512" --> Word Count (14)  
UserId="71512" --> Word Count (1)  
UserId="70066" Comment="added 1067 characters in body" --> Word Count (541)  
UserId="71464" --> Word Count (79)  
UserId="71464" --> Word Count (8)  
UserId="71464" --> Word Count (1)  
UserId="71218" --> Word Count (125)  
UserId="21304" --> Word Count (94)

UserId="21304" --> Word Count (11)  
 UserId="21304" --> Word Count (1)  
 UserId="52291" Comment="Some grammar and hopefully made it clearer" --> Word Count (200)  
 UserId="71218" --> Word Count (82)  
 UserId="69296" --> Word Count (164)  
 UserId="69296" --> Word Count (8)  
 UserId="69296" --> Word Count (1)  
 UserId="67328" --> Word Count (126)  
 UserId="69296" Comment="edited title" --> Word Count (4)  
 UserId="69296" Comment="edited title" --> Word Count (174)  
 UserId="67328" Comment="Explanation improved" --> Word Count (188)  
 UserId="67328" Comment="edited tags" --> Word Count (1)  
 UserId="67328" Comment="edited tags" --> Word Count (1)  
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 UserId="71516" --> Word Count (6)  
 UserId="71516" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (188)  
 UserId="67755" --> Word Count (187)  
 UserId="67755" --> Word Count (9)  
 UserId="67755" --> Word Count (1)  
 UserId="27983" --> Word Count (119)  
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 UserId="71520" --> Word Count (1)  
 UserId="71491" Comment="deleted 6 characters in body" --> Word Count (51)  
 UserId="61812" Comment="Another form to identify the overfitting" --> Word Count (119)  
 UserId="71326" --> Word Count (94)  
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 UserId="51839" --> Word Count (418)  
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 UserId="51839" Comment="added 318 characters in body" --> Word Count (467)  
 UserId="67328" Comment="Bring more related parts higher" --> Word Count (186)  
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 UserId="51839" Comment="added 318 characters in body" --> Word Count (1)  
 UserId="51839" Comment="deleted 42 characters in body" --> Word Count (468)  
 UserId="71531" --> Word Count (25)  
 UserId="64596" Comment="minor edits" --> Word Count (84)  
 UserId="29575" Comment="Minor formatting" --> Word Count (27)  
 UserId="11097" Comment="102" --> Word Count (1)  
 UserId="71516" Comment="deleted 41 characters in body" --> Word Count (86)

UserId="71533" --> Word Count (237)  
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 UserId="71533" --> Word Count (1)  
 UserId="67328" --> Word Count (654)  
 UserId="39830" --> Word Count (53)  
 UserId="71533" Comment="added 34 characters in body" --> Word Count (241)  
 UserId="70688" --> Word Count (56)  
 UserId="70838" --> Word Count (273)  
 UserId="63906" --> Word Count (113)  
 UserId="63906" --> Word Count (5)  
 UserId="63906" --> Word Count (1)  
 UserId="71541" --> Word Count (181)  
 UserId="71541" --> Word Count (6)  
 UserId="71541" --> Word Count (1)  
 UserId="29575" Comment="Minor grammar" --> Word Count (58)  
 UserId="70838" Comment="added 341 characters in body" --> Word Count (335)  
 UserId="37572" --> Word Count (164)  
 UserId="37572" --> Word Count (16)  
 UserId="37572" --> Word Count (1)  
 UserId="71218" --> Word Count (152)  
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 UserId="70342" --> Word Count (297)  
 UserId="70342" --> Word Count (8)  
 UserId="70342" --> Word Count (1)  
 UserId="70342" Comment="added 34 characters in body" --> Word Count (304)  
 UserId="1330" --> Word Count (97)  
 UserId="71297" --> Word Count (50)  
 UserId="71297" Comment="added 344 characters in body" --> Word Count (81)  
 UserId="52291" --> Word Count (40)  
 UserId="45852" --> Word Count (529)  
 UserId="45852" --> Word Count (18)  
 UserId="45852" --> Word Count (1)  
 UserId="23305" --> Word Count (116)  
 UserId="23305" Comment="added 110 characters in body" --> Word Count (136)  
 UserId="71541" --> Word Count (98)  
 UserId="71541" --> Word Count (11)  
 UserId="71541" --> Word Count (1)  
 UserId="3314" --> Word Count (353)  
 UserId="3314" --> Word Count (7)  
 UserId="3314" --> Word Count (1)  
 UserId="70259" --> Word Count (150)  
 UserId="70259" --> Word Count (8)  
 UserId="70259" --> Word Count (1)  
 UserId="63906" Comment="edited title" --> Word Count (7)  
 UserId="71218" --> Word Count (26)  
 UserId="45852" --> Word Count (13)



UserId="63504" --> Word Count (57)  
 UserId="24968" Comment="Reformatted link as text" --> Word Count (97)  
 UserId="29575" Comment="Reformatted link as text" --> Word Count (95)  
 UserId="29575" Comment="Minor grammar" --> Word Count (15)  
 UserId="67328" --> Word Count (869)  
 UserId="55122" --> Word Count (42)  
 UserId="67328" Comment="Title keywords enriched" --> Word Count (10)  
 UserId="71556" --> Word Count (178)  
 UserId="71556" --> Word Count (6)  
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 UserId="71556" Comment="Precise the input values" --> Word Count (197)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (195)  
 UserId="54096" --> Word Count (50)  
 UserId="67125" --> Word Count (879)  
 UserId="67125" --> Word Count (8)  
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 UserId="70458" --> Word Count (193)  
 UserId="70458" --> Word Count (11)  
 UserId="70458" --> Word Count (1)  
 UserId="70066" --> Word Count (229)  
 UserId="68705" --> Word Count (202)  
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 UserId="71567" --> Word Count (177)  
 UserId="71567" --> Word Count (7)  
 UserId="71567" --> Word Count (1)  
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 UserId="71567" Comment="added 219 characters in body" --> Word Count (323)  
 UserId="71570" --> Word Count (225)  
 UserId="71570" --> Word Count (5)  
 UserId="71570" --> Word Count (1)  
 UserId="49878" Comment="added 73 characters in body" --> Word Count (60)  
 UserId="17539" --> Word Count (220)  
 UserId="17539" --> Word Count (9)  
 UserId="17539" --> Word Count (1)  
 UserId="71218" --> Word Count (35)  
 UserId="20978" --> Word Count (54)  
 UserId="20978" --> Word Count (10)  
 UserId="20978" --> Word Count (1)  
 UserId="68023" --> Word Count (149)  
 UserId="68023" --> Word Count (11)  
 UserId="68023" --> Word Count (1)  
 UserId="71218" --> Word Count (74)  
 UserId="67252" --> Word Count (84)  
 UserId="71218" Comment="added 50 characters in body" --> Word Count (36)  
 UserId="69527" --> Word Count (394)  
 UserId="71218" --> Word Count (79)  
 UserId="53278" --> Word Count (296)

UserId="53278" --> Word Count (6)  
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 UserId="11097" Comment="edited tags" --> Word Count (1)  
 UserId="70082" --> Word Count (438)  
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 UserId="50406" --> Word Count (111)  
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 UserId="71581" --> Word Count (13)  
 UserId="71581" --> Word Count (1)  
 UserId="67412" --> Word Count (62)  
 UserId="46360" --> Word Count (12)  
 UserId="71326" --> Word Count (25)  
 UserId="71326" Comment="added 95 characters in body" --> Word Count (44)  
 UserId="71585" --> Word Count (155)  
 UserId="71585" --> Word Count (14)  
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 UserId="836" --> Word Count (244)  
 UserId="52291" --> Word Count (340)  
 UserId="67412" --> Word Count (64)  
 UserId="71587" Text="I have a disaster related english news articles corpus. I  
 want to use the following paper for this news corpus  
 classification&#xD;&#xA;&#xD;&#xA;\*" --> Word Count (69)  
 UserId="71587" --> Word Count (9)  
 UserId="71587" --> Word Count (1)  
 UserId="67412" Comment="added 1 character in body" --> Word Count (64)  
 UserId="69484" --> Word Count (27)  
 UserId="69484" --> Word Count (3)  
 UserId="69484" --> Word Count (1)  
 UserId="52089" --> Word Count (40)  
 UserId="52089" Comment="edited title" --> Word Count (7)  
 UserId="71581" Comment="Added result of K-means" --> Word Count (101)  
 UserId="5268" --> Word Count (480)  
 UserId="5268" Comment="added 303 characters in body" --> Word Count (553)  
 UserId="5268" Comment="added 256 characters in body" --> Word Count (598)  
 UserId="66759" --> Word Count (56)  
 UserId="66759" --> Word Count (6)  
 UserId="66759" --> Word Count (1)  
 UserId="70259" Comment="Add some images for context" --> Word Count (250)  
 UserId="5268" Comment="added 269 characters in body" --> Word Count (635)  
 UserId="71349" --> Word Count (79)  
 UserId="71349" --> Word Count (9)  
 UserId="71349" --> Word Count (1)  
 UserId="43636" --> Word Count (87)  
 UserId="71218" --> Word Count (42)  
 UserId="71326" --> Word Count (126)  
 UserId="71326" --> Word Count (10)  
 UserId="71326" --> Word Count (1)

UserId="66117" --> Word Count (35)  
 UserId="66117" --> Word Count (4)  
 UserId="66117" --> Word Count (1)  
 UserId="924" --> Word Count (67)  
 UserId="71602" --> Word Count (225)  
 UserId="71602" --> Word Count (7)  
 UserId="71602" --> Word Count (1)  
 UserId="66974" --> Word Count (61)  
 UserId="66974" --> Word Count (7)  
 UserId="66974" --> Word Count (1)  
 UserId="54040" --> Word Count (142)  
 UserId="54040" --> Word Count (8)  
 UserId="54040" --> Word Count (1)  
 UserId="71218" --> Word Count (73)  
 UserId="55122" --> Word Count (29)  
 UserId="70838" --> Word Count (66)  
 UserId="52291" --> Word Count (146)  
 UserId="71533" --> Word Count (51)  
 UserId="71218" --> Word Count (191)  
 UserId="70066" Comment="added 843 characters in body" --> Word Count (359)  
 UserId="71581" Comment="added separation lines" --> Word Count (101)  
 UserId="67412" Comment="edited body" --> Word Count (64)  
 UserId="70066" --> Word Count (28)  
 UserId="29575" Comment="Minor formatting" --> Word Count (16)  
 UserId="71605" Comment="added code formatting" --> Word Count (51)  
 UserId="24968" Comment="Reformatted link as text" --> Word Count (209)  
 UserId="29575" Comment="Reformatted link as text" --> Word Count (264)  
 UserId="67412" Comment="correct blockquote formatting" --> Word Count (123)  
 UserId="67412" Comment="format code" --> Word Count (683)  
 UserId="71218" Comment="deleted 34 characters in body" --> Word Count (184)  
 UserId="71326" --> Word Count (54)  
 UserId="71326" Comment="added 77 characters in body" --> Word Count (67)  
 UserId="60085" --> Word Count (104)  
 UserId="60085" --> Word Count (5)  
 UserId="60085" --> Word Count (1)  
 UserId="55122" Comment="dropped hyperparameter-tuning tag, as it turns out to be unrelated to the problem; add cross-validation tag" --> Word Count (1)  
 UserId="67328" Comment="Code example improved, code explanation improved" --> Word Count (1275)  
 UserId="3314" --> Word Count (844)  
 UserId="3314" --> Word Count (10)  
 UserId="3314" --> Word Count (1)  
 UserId="71611" --> Word Count (73)  
 UserId="37572" Comment="added 131 characters in body" --> Word Count (189)  
 UserId="67328" Comment="Explanation improved" --> Word Count (1274)  
 UserId="62071" --> Word Count (278)  
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 UserId="62071" --> Word Count (1)

UserId="71613" --> Word Count (36)  
 UserId="71613" --> Word Count (10)  
 UserId="71613" --> Word Count (1)  
 UserId="70066" Comment="Inserted MathJax equations" --> Word Count (34)  
 UserId="66117" --> Word Count (18)  
 UserId="29575" Comment="Minor formatting / grammar" --> Word Count (73)  
 UserId="70066" --> Word Count (440)  
 UserId="15533" --> Word Count (96)  
 UserId="15533" --> Word Count (14)  
 UserId="15533" --> Word Count (1)  
 UserId="70066" Comment="added 307 characters in body" --> Word Count (491)  
 UserId="71065" --> Word Count (43)  
 UserId="71065" --> Word Count (9)  
 UserId="71065" --> Word Count (1)  
 UserId="71218" --> Word Count (143)  
 UserId="71619" --> Word Count (55)  
 UserId="71619" --> Word Count (9)  
 UserId="71619" --> Word Count (1)  
 UserId="52291" Comment="Avoiding misleading people about log loss" --> Word Count (218)  
 UserId="40048" --> Word Count (136)  
 UserId="40048" --> Word Count (9)  
 UserId="40048" --> Word Count (1)  
 UserId="29134" --> Word Count (46)  
 UserId="67125" Comment="Added Sample data as requested" --> Word Count (716)  
 UserId="70066" Comment="Inserted MathJax equations" --> Word Count (29)  
 UserId="29575" Comment="Inserted MathJax equations" --> Word Count (29)  
 UserId="40048" Comment="added 11 characters in body" --> Word Count (138)  
 UserId="67125" Comment="Added AR(2) test and then train test sample predictions as requested" --> Word Count (731)  
 UserId="70066" --> Word Count (175)  
 UserId="45916" --> Word Count (142)  
 UserId="45916" --> Word Count (11)  
 UserId="45916" --> Word Count (1)  
 UserId="71623" --> Word Count (131)  
 UserId="71623" --> Word Count (11)  
 UserId="71623" --> Word Count (1)  
 UserId="71218" --> Word Count (229)  
 UserId="35679" --> Word Count (55)  
 UserId="71218" --> Word Count (70)  
 UserId="34057" --> Word Count (231)  
 UserId="34057" --> Word Count (13)  
 UserId="34057" --> Word Count (1)  
 UserId="71218" --> Word Count (136)  
 UserId="71218" --> Word Count (128)  
 UserId="71218" --> Word Count (1511)  
 UserId="71218" --> Word Count (7)  
 UserId="71218" --> Word Count (1)

UserId="71218" Comment="edited body" --> Word Count (1511)  
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 UserId="71630" --> Word Count (17)  
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 UserId="67437" --> Word Count (44)  
 UserId="67437" --> Word Count (7)  
 UserId="67437" --> Word Count (1)  
 UserId="40048" Comment="added 25 characters in body; edited title" --> Word Count (142)  
 UserId="40048" Comment="added 25 characters in body; edited title" --> Word Count (10)  
 UserId="71218" Comment="Style correction" --> Word Count (45)  
 UserId="70066" --> Word Count (127)  
 UserId="71218" --> Word Count (44)  
 UserId="55122" --> Word Count (159)  
 UserId="71218" Comment="added 4 characters in body" --> Word Count (136)  
 UserId="71631" --> Word Count (1609)  
 UserId="71631" --> Word Count (12)  
 UserId="71631" --> Word Count (1)  
 UserId="70066" Comment="Removed repeated part in the beginning,added tags" --> Word Count (1581)  
 UserId="70066" Comment="Removed repeated part in the beginning,added tags" --> Word Count (1)  
 UserId="71633" --> Word Count (285)  
 UserId="71633" --> Word Count (14)  
 UserId="71633" --> Word Count (1)  
 UserId="71631" Comment="added 160 characters in body" --> Word Count (1591)  
 UserId="47867" --> Word Count (81)  
 UserId="47867" --> Word Count (6)  
 UserId="47867" --> Word Count (1)  
 UserId="71631" Comment="added 4922 characters in body" --> Word Count (2996)  
 UserId="50146" --> Word Count (209)  
 UserId="50146" --> Word Count (4)  
 UserId="50146" --> Word Count (1)  
 UserId="67437" --> Word Count (55)  
 UserId="67437" --> Word Count (15)  
 UserId="67437" --> Word Count (1)  
 UserId="71631" Comment="deleted 8657 characters in body" --> Word Count (726)  
 UserId="71631" Comment="deleted 8657 characters in body" --> Word Count (740)  
 UserId="71631" Comment="deleted 387 characters in body" --> Word Count (670)  
 UserId="69484" --> Word Count (61)  
 UserId="69484" --> Word Count (3)  
 UserId="69484" --> Word Count (1)  
 UserId="71375" Comment="edited title" --> Word Count (9)  
 UserId="71637" --> Word Count (774)  
 UserId="71637" --> Word Count (10)  
 UserId="71637" --> Word Count (1)  
 UserId="71637" Comment="added 569 characters in body" --> Word Count (869)

UserId="71638" --> Word Count (1004)  
 UserId="71638" --> Word Count (8)  
 UserId="71638" --> Word Count (1)  
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 UserId="70158" --> Word Count (16)  
 UserId="70158" --> Word Count (1)  
 UserId="71326" Comment="added 240 characters in body" --> Word Count (98)  
 UserId="70838" --> Word Count (288)  
 UserId="71645" --> Word Count (71)  
 UserId="71645" --> Word Count (6)  
 UserId="71645" --> Word Count (1)  
 UserId="71643" --> Word Count (116)  
 UserId="71643" --> Word Count (12)  
 UserId="71643" --> Word Count (1)  
 UserId="836" Comment="added 86 characters in body" --> Word Count (179)  
 UserId="70680" --> Word Count (80)  
 UserId="70680" --> Word Count (14)  
 UserId="70680" --> Word Count (1)  
 UserId="836" Comment="added 2177 characters in body" --> Word Count (615)  
 UserId="836" Comment="added 217 characters in body" --> Word Count (656)  
 UserId="56761" --> Word Count (78)  
 UserId="56761" --> Word Count (10)  
 UserId="56761" --> Word Count (1)  
 UserId="71652" --> Word Count (113)  
 UserId="71652" --> Word Count (7)  
 UserId="71652" --> Word Count (1)  
 UserId="71650" --> Word Count (180)  
 UserId="71650" --> Word Count (4)  
 UserId="71650" --> Word Count (1)  
 UserId="7919" Comment="Fix typo" --> Word Count (215)  
 UserId="46885" --> Word Count (196)  
 UserId="71587" --> Word Count (37)  
 UserId="71587" --> Word Count (17)  
 UserId="71587" --> Word Count (1)  
 UserId="71647" --> Word Count (114)  
 UserId="71647" --> Word Count (26)  
 UserId="71647" --> Word Count (1)  
 UserId="67412" --> Word Count (302)  
 UserId="67412" Comment="added 6 characters in body" --> Word Count (304)  
 UserId="70891" --> Word Count (95)  
 UserId="71661" --> Word Count (63)  
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 UserId="71661" --> Word Count (1)  
 UserId="51280" --> Word Count (124)  
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 UserId="71665" --> Word Count (1)

UserId="64356" --> Word Count (191)  
 UserId="64356" --> Word Count (9)  
 UserId="64356" --> Word Count (1)  
 UserId="8479" Comment="Has nothing to do with Rstudio" --> Word Count (33)  
 UserId="8479" Comment="Has nothing to do with Rstudio" --> Word Count (6)  
 UserId="8479" Comment="Has nothing to do with Rstudio" --> Word Count (1)  
 UserId="52910" --> Word Count (190)  
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 UserId="52910" --> Word Count (1)  
 UserId="70066" Comment="Inserted MathJax equations, gave explanation of equations variables" --> Word Count (102)  
 UserId="65047" --> Word Count (107)  
 UserId="71667" --> Word Count (29)  
 UserId="71667" --> Word Count (9)  
 UserId="71667" --> Word Count (1)  
 UserId="71666" --> Word Count (281)  
 UserId="71666" --> Word Count (9)  
 UserId="71666" --> Word Count (1)  
 UserId="71650" Comment="added 174 characters in body; edited title" --> Word Count (211)  
 UserId="71650" Comment="added 174 characters in body; edited title" --> Word Count (5)  
 UserId="70066" Comment="fixed small spelling error, fixed mathjax equation" --> Word Count (125)  
 UserId="23305" Comment="102" --> Word Count (3)  
 UserId="31608" --> Word Count (370)  
 UserId="31608" --> Word Count (16)  
 UserId="31608" --> Word Count (1)  
 UserId="71677" --> Word Count (194)  
 UserId="71677" --> Word Count (19)  
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 UserId="71684" --> Word Count (114)  
 UserId="71684" --> Word Count (5)  
 UserId="71684" --> Word Count (1)  
 UserId="71685" --> Word Count (212)  
 UserId="71685" --> Word Count (24)  
 UserId="71685" --> Word Count (1)  
 UserId="71681" --> Word Count (261)  
 UserId="71681" --> Word Count (8)  
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 UserId="70657" Comment="added 3 characters in body" --> Word Count (67)  
 UserId="71218" --> Word Count (41)  
 UserId="63968" --> Word Count (436)  
 UserId="63968" --> Word Count (6)  
 UserId="63968" --> Word Count (1)  
 UserId="63968" Comment="added 12 characters in body" --> Word Count (438)  
 UserId="924" --> Word Count (37)  
 UserId="69481" --> Word Count (229)

UserId="69481" --> Word Count (10)  
 UserId="69481" --> Word Count (1)  
 UserId="70960" --> Word Count (114)  
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 UserId="71689" --> Word Count (101)  
 UserId="71689" --> Word Count (10)  
 UserId="71689" --> Word Count (1)  
 UserId="24968" Comment="Reformatted link as text" --> Word Count (37)  
 UserId="27420" Comment="Because this post has been as popular as it is, I felt it necessary to clean up some of the unnecessary parts to highlight the root of the question." --> Word Count (154)  
 UserId="27420" Comment="Because this post has been as popular as it is, I felt it necessary to clean up some of the unnecessary parts to highlight the root of the question." --> Word Count (1)  
 UserId="63968" --> Word Count (14)  
 UserId="63968" Comment="added 10 characters in body" --> Word Count (14)  
 UserId="71581" Comment="Added output for k-means with clusters in the space of angles " --> Word Count (139)  
 UserId="69191" --> Word Count (212)  
 UserId="69191" --> Word Count (12)  
 UserId="69191" --> Word Count (1)  
 UserId="57825" --> Word Count (108)  
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 UserId="57825" --> Word Count (1)  
 UserId="71218" --> Word Count (119)  
 UserId="47311" --> Word Count (112)  
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 UserId="29169" Comment="Small grammar edits and tag addition" --> Word Count (1)  
 UserId="71705" --> Word Count (92)  
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 UserId="10814" Comment="added 80 characters in body" --> Word Count (241)  
 UserId="47311" --> Word Count (120)  
 UserId="71218" --> Word Count (73)  
 UserId="29169" Comment="Broke paragraph run on sentence into multiple sentences." --> Word Count (101)  
 UserId="29575" Comment="Broke paragraph run on sentence into multiple sentences." --> Word Count (97)  
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 UserId="29575" Comment="Add usage guidance" --> Word Count (27)  
 UserId="70891" --> Word Count (76)



UserId="71714" --> Word Count (26)  
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 UserId="71717" --> Word Count (173)  
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 UserId="71717" --> Word Count (1)  
 UserId="71717" Comment="deleted 119 characters in body" --> Word Count (150)  
 UserId="25345" --> Word Count (86)  
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 UserId="71006" --> Word Count (100)  
 UserId="70891" --> Word Count (183)  
 UserId="70891" Comment="added 413 characters in body" --> Word Count (249)  
 UserId="71723" --> Word Count (19)  
 UserId="69296" --> Word Count (116)  
 UserId="69296" --> Word Count (5)  
 UserId="69296" --> Word Count (1)  
 UserId="69148" --> Word Count (182)  
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 UserId="71006" --> Word Count (91)  
 UserId="71721" --> Word Count (113)  
 UserId="836" --> Word Count (530)  
 UserId="50406" --> Word Count (44)  
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 UserId="50406" --> Word Count (1)  
 UserId="836" Comment="added 67 characters in body" --> Word Count (541)  
 UserId="57233" --> Word Count (104)  
 UserId="30668" --> Word Count (345)  
 UserId="30668" --> Word Count (9)  
 UserId="30668" --> Word Count (1)  
 UserId="52291" Comment="Formatted code and the fixed the grammar on the parts i understood" --> Word Count (276)  
 UserId="52291" Comment="Formatted code and the fixed the grammar on the parts i understood" --> Word Count (6)  
 UserId="52291" Comment="Formatted code and the fixed the grammar on the parts i understood" --> Word Count (1)  
 UserId="10814" Comment="deleted 8 characters in body" --> Word Count (239)  
 UserId="30668" Comment="added 66 characters in body" --> Word Count (353)  
 UserId="63906" Comment="Put a reproducible example" --> Word Count (559)  
 UserId="31599" --> Word Count (249)  
 UserId="31599" --> Word Count (11)  
 UserId="31599" --> Word Count (1)  
 UserId="26394" Comment="formatting" --> Word Count (251)

UserId="67200" --> Word Count (666)  
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 UserId="67200" --> Word Count (1)  
 UserId="62920" --> Word Count (163)  
 UserId="62920" --> Word Count (14)  
 UserId="62920" --> Word Count (1)  
 UserId="30668" Comment="added 55 characters in body" --> Word Count (361)  
 UserId="31599" Comment="added 168 characters in body" --> Word Count (290)  
 UserId="29575" Comment="Minor grammar" --> Word Count (19)  
 UserId="25180" Comment="broken link fixed" --> Word Count (52)  
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (51)  
 UserId="71737" --> Word Count (39)  
 UserId="54252" --> Word Count (176)  
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 UserId="67328" --> Word Count (187)  
 UserId="54252" --> Word Count (59)  
 UserId="67328" Comment="Explanation improved" --> Word Count (197)  
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 UserId="71477" --> Word Count (99)  
 UserId="71477" Comment="improved presentation of formulas" --> Word Count (113)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (87)  
 UserId="71477" Comment="deleted 47 characters in body" --> Word Count (105)  
 UserId="71297" --> Word Count (157)  
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 UserId="1330" --> Word Count (313)  
 UserId="54040" --> Word Count (266)  
 UserId="54040" --> Word Count (6)  
 UserId="54040" --> Word Count (1)  
 UserId="54252" Comment="Changed image to text, added source." --> Word Count (96)  
 UserId="29575" Comment="Changed image to text, added source." --> Word Count (99)  
 UserId="16195" --> Word Count (183)  
 UserId="10640" Comment="Question improved" --> Word Count (23)  
 UserId="10640" Comment="Question improved" --> Word Count (11)  
 UserId="10640" Comment="Question improved" --> Word Count (1)  
 UserId="66974" --> Word Count (102)  
 UserId="66974" --> Word Count (10)  
 UserId="66974" --> Word Count (1)  
 UserId="11097" Comment="edited tags" --> Word Count (1)  
 UserId="71477" --> Word Count (51)  
 UserId="28175" --> Word Count (109)  
 UserId="29169" Comment="Phrasing and tag edit" --> Word Count (107)  
 UserId="29169" Comment="Phrasing and tag edit" --> Word Count (9)

UserId="29169" Comment="Phrasing and tag edit" --> Word Count (1)  
 UserId="29169" Comment="phrasing corrections" --> Word Count (114)  
 UserId="29169" Comment="phrasing corrections" --> Word Count (5)  
 UserId="71759" --> Word Count (90)  
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 UserId="71765" --> Word Count (6)  
 UserId="71765" --> Word Count (1)  
 UserId="18247" --> Word Count (150)  
 UserId="18247" Comment="added code example" --> Word Count (316)  
 UserId="45264" Comment="Formatting" --> Word Count (101)  
 UserId="45264" --> Word Count (169)  
 UserId="70891" --> Word Count (428)  
 UserId="68359" Comment="Fix wrong outbut and clean code" --> Word Count (228)  
 UserId="69535" --> Word Count (152)  
 UserId="69535" --> Word Count (10)  
 UserId="69535" --> Word Count (1)  
 UserId="69535" Comment="added 3 characters in body" --> Word Count (152)  
 UserId="69109" --> Word Count (188)  
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 UserId="71778" --> Word Count (44)  
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 UserId="71778" --> Word Count (1)  
 UserId="71781" --> Word Count (74)  
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 UserId="69109" --> Word Count (302)  
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 UserId="71787" --> Word Count (1)  
 UserId="71787" Comment="added 5 characters in body" --> Word Count (39)  
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 UserId="67328" Comment="Explanation improved" --> Word Count (576)  
 UserId="71792" --> Word Count (79)  
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 UserId="42772" --> Word Count (1)  
 UserId="70680" Comment="edited title" --> Word Count (6)  
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 UserId="8820" --> Word Count (11)  
 UserId="8820" --> Word Count (1)  
 UserId="67328" --> Word Count (127)  
 UserId="67328" Comment="Explanation improved" --> Word Count (133)  
 UserId="67328" Comment="Explanation improved" --> Word Count (145)  
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 UserId="63481" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (232)  
 UserId="34269" --> Word Count (147)  
 UserId="34269" --> Word Count (184)  
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 UserId="8240" --> Word Count (13)  
 UserId="8240" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (265)  
 UserId="71797" --> Word Count (98)  
 UserId="49278" --> Word Count (695)  
 UserId="49278" --> Word Count (9)  
 UserId="49278" --> Word Count (1)  
 UserId="45264" --> Word Count (1234)  
 UserId="71377" Comment="Allignment" --> Word Count (119)  
 UserId="29575" Comment="Allignment" --> Word Count (130)  
 UserId="71805" --> Word Count (207)  
 UserId="71805" --> Word Count (4)  
 UserId="71805" --> Word Count (1)  
 UserId="29575" Comment="Minor grammar" --> Word Count (39)  
 UserId="29575" Comment="Minor grammar" --> Word Count (99)  
 UserId="10814" --> Word Count (466)  
 UserId="67328" --> Word Count (125)  
 UserId="50534" --> Word Count (167)  
 UserId="50534" Comment="deleted 1 character in body" --> Word Count (167)  
 UserId="67328" Comment="Notation improved" --> Word Count (270)

UserId="10814" Comment="Added 2D visualisation of decision boundary." --> Word Count (572)  
 UserId="50534" --> Word Count (77)  
 UserId="50534" Comment="solve ValueError: attempt to get argmax of an empty sequence" --> Word Count (94)  
 UserId="67328" Comment="Explanation improved" --> Word Count (277)  
 UserId="70066" --> Word Count (106)  
 UserId="10814" Comment="Add prediction calc to 3D model visualisation." --> Word Count (640)  
 UserId="71809" --> Word Count (192)  
 UserId="71809" --> Word Count (8)  
 UserId="71809" --> Word Count (1)  
 UserId="71811" --> Word Count (84)  
 UserId="71811" --> Word Count (18)  
 UserId="71811" --> Word Count (1)  
 UserId="70066" --> Word Count (403)  
 UserId="67328" Comment="Explanation improved" --> Word Count (283)  
 UserId="69670" Comment="edited body" --> Word Count (226)  
 UserId="45264" Comment="edited tags" --> Word Count (1)  
 UserId="66177" --> Word Count (130)  
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 UserId="66177" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (282)  
 UserId="70066" --> Word Count (204)  
 UserId="70066" Comment="added 331 characters in body" --> Word Count (282)  
 UserId="29169" Comment="Small edits" --> Word Count (167)  
 UserId="924" --> Word Count (101)  
 UserId="924" Comment="added 297 characters in body" --> Word Count (153)  
 UserId="71819" --> Word Count (115)  
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 UserId="71824" --> Word Count (1)  
 UserId="67328" --> Word Count (121)  
 UserId="71219" --> Word Count (354)  
 UserId="71219" Comment="added 5 characters in body" --> Word Count (365)

UserId="69109" --> Word Count (275)  
 UserId="10814" Comment="Added probability contours in 2D" --> Word Count (730)  
 UserId="71219" --> Word Count (273)  
 UserId="67328" --> Word Count (220)  
 UserId="71219" Comment="deleted 5 characters in body" --> Word Count (272)  
 UserId="69109" Comment="Improved clarity of the title to the specific needs of the question, and improved a bit in formatting and grammar." --> Word Count (114)  
 UserId="69109" Comment="Improved clarity of the title to the specific needs of the question, and improved a bit in formatting and grammar." --> Word Count (10)  
 UserId="51668" --> Word Count (181)  
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 UserId="71828" --> Word Count (10)  
 UserId="71828" --> Word Count (1)  
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 UserId="71832" --> Word Count (99)  
 UserId="71832" --> Word Count (2)  
 UserId="71832" --> Word Count (1)  
 UserId="71833" --> Word Count (661)  
 UserId="71833" --> Word Count (5)  
 UserId="71833" --> Word Count (1)  
 UserId="71824" Comment="added 6 characters in body" --> Word Count (96)  
 UserId="71824" --> Word Count (28)  
 UserId="71824" Comment="[Edit removed during grace period]" --> Word Count (96)  
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 UserId="68572" --> Word Count (35)  
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 UserId="71430" --> Word Count (861)  
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 UserId="66987" Comment="+ precisions on the classification example" --> Word Count (105)  
 UserId="67328" Comment="Explanation improved" --> Word Count (282)  
 UserId="71845" --> Word Count (124)  
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 UserId="71845" --> Word Count (1)  
 UserId="42772" Comment="added 498 characters in body" --> Word Count (903)  
 UserId="71845" Comment="added 172 characters in body" --> Word Count (152)  
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UserId="67328" Comment="Explanation improved" --> Word Count (322)  
UserId="42772" Comment="added 219 characters in body" --> Word Count (956)  
UserId="71430" Comment="added 87 characters in body" --> Word Count (874)  
UserId="71849" --> Word Count (94)  
UserId="71849" --> Word Count (5)  
UserId="71849" --> Word Count (1)  
UserId="66987" Comment="added 148 characters in body" --> Word Count (129)  
UserId="70891" --> Word Count (95)  
UserId="924" Comment="deleted 14 characters in body" --> Word Count (142)  
UserId="52089" --> Word Count (25)  
UserId="67328" Comment="Wording improved" --> Word Count (322)  
UserId="71477" --> Word Count (148)  
UserId="50146" --> Word Count (159)  
UserId="50146" --> Word Count (11)  
UserId="50146" --> Word Count (1)  
UserId="71854" --> Word Count (702)  
UserId="71854" --> Word Count (11)  
UserId="71854" --> Word Count (1)  
UserId="71855" --> Word Count (86)  
UserId="71855" Text="Plotting Loss on Validation Set for" --> Word Count (4)  
UserId="71855" --> Word Count (1)  
UserId="71854" Comment="edited tags" --> Word Count (1)  
UserId="29169" Comment="Phrasing and grammar corrections" --> Word Count (181)  
UserId="71316" Comment="Formatted the code snippet" --> Word Count (144)  
UserId="29575" Comment="Formatted the code snippet" --> Word Count (136)  
UserId="67328" Comment="Explanation improved" --> Word Count (620)  
UserId="50146" Comment="edited tags" --> Word Count (1)  
UserId="31599" --> Word Count (1869)  
UserId="31599" --> Word Count (7)  
UserId="31599" --> Word Count (1)  
UserId="45264" --> Word Count (389)  
UserId="45264" Comment="Added example output" --> Word Count (1136)  
UserId="68413" --> Word Count (1340)  
UserId="68413" --> Word Count (7)  
UserId="68413" --> Word Count (1)  
UserId="50146" Comment="Updating the code snippet" --> Word Count (255)  
UserId="45264" Comment="added tag" --> Word Count (1)  
UserId="71860" --> Word Count (67)  
UserId="71861" --> Word Count (189)  
UserId="71861" --> Word Count (8)  
UserId="71861" --> Word Count (1)  
UserId="70980" --> Word Count (288)  
UserId="70980" --> Word Count (20)  
UserId="70980" --> Word Count (1)  
UserId="45264" --> Word Count (37)  
UserId="70980" Comment="edited title" --> Word Count (20)  
UserId="71863" --> Word Count (20)  
UserId="71863" --> Word Count (5)

UserId="71863" --> Word Count (1)  
 UserId="71316" --> Word Count (3566)  
 UserId="71316" --> Word Count (6)  
 UserId="71316" --> Word Count (1)  
 UserId="45264" Comment="Added additional method for creating new names based on manual input list." --> Word Count (1263)  
 UserId="71865" --> Word Count (126)  
 UserId="71865" --> Word Count (8)  
 UserId="71865" --> Word Count (1)  
 UserId="70066" --> Word Count (194)  
 UserId="71219" --> Word Count (451)  
 UserId="62886" --> Word Count (297)  
 UserId="62886" --> Word Count (11)  
 UserId="62886" --> Word Count (1)  
 UserId="16380" --> Word Count (50)  
 UserId="16380" --> Word Count (13)  
 UserId="16380" --> Word Count (1)  
 UserId="71871" --> Word Count (84)  
 UserId="71871" --> Word Count (9)  
 UserId="71871" --> Word Count (1)  
 UserId="61060" --> Word Count (52)  
 UserId="61060" --> Word Count (6)  
 UserId="61060" --> Word Count (1)  
 UserId="59437" --> Word Count (190)  
 UserId="59437" --> Word Count (6)  
 UserId="59437" --> Word Count (1)  
 UserId="68023" --> Word Count (107)  
 UserId="69646" Comment="deleted last sentence" --> Word Count (13)  
 UserId="69646" Comment="deleted last sentence" --> Word Count (335)  
 UserId="52291" --> Word Count (75)  
 UserId="71879" --> Word Count (142)  
 UserId="71879" --> Word Count (6)  
 UserId="71879" --> Word Count (1)  
 UserId="61728" --> Word Count (183)  
 UserId="61728" --> Word Count (6)  
 UserId="61728" --> Word Count (1)  
 UserId="31599" --> Word Count (169)  
 UserId="31599" --> Word Count (12)  
 UserId="31599" --> Word Count (1)  
 UserId="52291" --> Word Count (42)  
 UserId="52291" Comment="Fixed code" --> Word Count (42)  
 UserId="71884" --> Word Count (758)  
 UserId="71884" --> Word Count (14)  
 UserId="71884" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (162)  
 UserId="28175" --> Word Count (135)  
 UserId="28175" Comment="edited tags; edited title" --> Word Count (7)  
 UserId="28175" Comment="edited tags; edited title" --> Word Count (1)



UserId="10588" Comment="update" --> Word Count (624)  
 UserId="71890" --> Word Count (22)  
 UserId="71890" --> Word Count (15)  
 UserId="71890" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (732)  
 UserId="67328" Comment="Explanation improved" --> Word Count (732)  
 UserId="67328" Comment="Title improved" --> Word Count (68)  
 UserId="67328" Comment="Title improved" --> Word Count (13)  
 UserId="68334" --> Word Count (180)  
 UserId="68334" --> Word Count (10)  
 UserId="68334" --> Word Count (1)  
 UserId="71895" --> Word Count (59)  
 UserId="71895" --> Word Count (5)  
 UserId="71895" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (494)  
 UserId="67328" Comment="Title wording improved" --> Word Count (13)  
 UserId="71861" --> Word Count (19)  
 UserId="71861" --> Word Count (9)  
 UserId="71861" --> Word Count (1)  
 UserId="924" Comment="edited body; edited title" --> Word Count (758)  
 UserId="924" Comment="edited body; edited title" --> Word Count (14)  
 UserId="28175" --> Word Count (244)  
 UserId="20517" --> Word Count (43)  
 UserId="20517" --> Word Count (8)  
 UserId="20517" --> Word Count (1)  
 UserId="924" --> Word Count (56)  
 UserId="28175" Comment="added 5 characters in body; edited tags; edited title" --> Word Count (24)  
 UserId="28175" Comment="added 5 characters in body; edited tags; edited title" --> Word Count (6)  
 UserId="28175" Comment="added 5 characters in body; edited tags; edited title" --> Word Count (1)  
 UserId="29575" Comment="104" --> Word Count (5)  
 UserId="29575" Comment="103" --> Word Count (5)  
 UserId="71900" --> Word Count (54)  
 UserId="71900" --> Word Count (8)  
 UserId="71900" --> Word Count (1)  
 UserId="69471" --> Word Count (115)  
 UserId="69471" --> Word Count (11)  
 UserId="69471" --> Word Count (1)  
 UserId="52291" --> Word Count (38)  
 UserId="52291" Comment="Gave a resource" --> Word Count (73)  
 UserId="71884" Comment="making it less wide" --> Word Count (546)  
 UserId="71884" Comment="making it less wide" --> Word Count (6)  
 UserId="52291" Comment="Better video reference" --> Word Count (99)  
 UserId="42772" --> Word Count (855)  
 UserId="42772" --> Word Count (11)  
 UserId="42772" --> Word Count (1)

UserId="32024" --> Word Count (115)  
 UserId="32024" --> Word Count (7)  
 UserId="32024" --> Word Count (1)  
 UserId="42772" Comment="edited title" --> Word Count (12)  
 UserId="52291" --> Word Count (126)  
 UserId="52291" Comment="Changed code to fit with the format" --> Word Count (131)  
 UserId="52291" Comment="Commenting code" --> Word Count (204)  
 UserId="65699" --> Word Count (142)  
 UserId="65699" --> Word Count (5)  
 UserId="65699" --> Word Count (1)  
 UserId="71065" --> Word Count (83)  
 UserId="71065" --> Word Count (13)  
 UserId="71065" --> Word Count (1)  
 UserId="34269" --> Word Count (218)  
 UserId="61728" Comment="deleted 5 characters in body" --> Word Count (181)  
 UserId="25180" Comment="broken link fixed" --> Word Count (69)  
 UserId="29575" Comment="broken link fixed" --> Word Count (68)  
 UserId="71903" --> Word Count (389)  
 UserId="71903" --> Word Count (177)  
 UserId="68089" --> Word Count (46)  
 UserId="68089" --> Word Count (3)  
 UserId="68089" --> Word Count (1)  
 UserId="52089" --> Word Count (61)  
 UserId="70621" --> Word Count (378)  
 UserId="70621" --> Word Count (13)  
 UserId="70621" --> Word Count (1)  
 UserId="21" --> Word Count (32)  
 UserId="71908" --> Word Count (562)  
 UserId="71908" --> Word Count (15)  
 UserId="71908" --> Word Count (1)  
 UserId="71218" --> Word Count (114)  
 UserId="71218" --> Word Count (111)  
 UserId="66117" --> Word Count (45)  
 UserId="66117" --> Word Count (6)  
 UserId="66117" --> Word Count (1)  
 UserId="71218" --> Word Count (58)  
 UserId="68334" Comment="via Vote" --> Word Count (2)  
 UserId="68334" --> Word Count (2)  
 UserId="71913" --> Word Count (89)  
 UserId="71913" --> Word Count (20)  
 UserId="71913" --> Word Count (1)  
 UserId="71218" Comment="k means clustering complete name" --> Word Count (48)  
 UserId="29575" Comment="k means clustering complete name" --> Word Count (45)  
 UserId="71218" --> Word Count (36)  
 UserId="71218" Comment="Edit because the question was better explained." --> Word Count (80)  
 UserId="71914" --> Word Count (52)

UserId="23305" Comment="102" --> Word Count (3)  
 UserId="23305" Comment="101" --> Word Count (7)  
 UserId="71918" --> Word Count (60)  
 UserId="71918" --> Word Count (7)  
 UserId="71918" --> Word Count (1)  
 UserId="71923" --> Word Count (57)  
 UserId="71923" --> Word Count (7)  
 UserId="71923" --> Word Count (1)  
 UserId="71895" --> Word Count (112)  
 UserId="71895" --> Word Count (3)  
 UserId="71895" --> Word Count (1)  
 UserId="71823" --> Word Count (317)  
 UserId="71823" --> Word Count (4)  
 UserId="71823" --> Word Count (1)  
 UserId="63691" --> Word Count (29)  
 UserId="63691" --> Word Count (3)  
 UserId="63691" --> Word Count (1)  
 UserId="71900" Comment="Edited tags for higher coverage" --> Word Count (1)  
 UserId="52291" Comment="Improved mathjax" --> Word Count (312)  
 UserId="52291" --> Word Count (162)  
 UserId="52291" Comment="The quick answer on top" --> Word Count (161)  
 UserId="52291" Comment="Made it more clear when stemming can be used over  
 lemming" --> Word Count (173)  
 UserId="52291" Comment="added 51 characters in body" --> Word Count (180)  
 UserId="52291" Comment="Formatting" --> Word Count (185)  
 UserId="52291" Comment="changed so to and" --> Word Count (185)  
 UserId="67328" Comment="Section title added" --> Word Count (173)  
 UserId="52291" Comment="Highlighting main points" --> Word Count (196)  
 UserId="52291" Comment="Wording" --> Word Count (193)  
 UserId="71218" Comment="deleted 1 character in body" --> Word Count (114)  
 UserId="71218" Comment="A little change in scikit-learn name" --> Word Count  
 (155)  
 UserId="29575" Comment="Minor grammar" --> Word Count (153)  
 UserId="71218" --> Word Count (102)  
 UserId="71931" --> Word Count (198)  
 UserId="71931" --> Word Count (8)  
 UserId="71931" --> Word Count (1)  
 UserId="71218" --> Word Count (114)  
 UserId="71218" --> Word Count (19)  
 UserId="42772" Comment="added 167 characters in body" --> Word Count (877)  
 UserId="61728" --> Word Count (136)  
 UserId="61728" --> Word Count (4)  
 UserId="61728" --> Word Count (1)  
 UserId="71218" --> Word Count (157)  
 UserId="24968" Comment="Reformatted link as text" --> Word Count (9)  
 UserId="29575" Comment="Reformatted link as text" --> Word Count (6)  
 UserId="24968" Comment="Reformatted links as text" --> Word Count (10)  
 UserId="29575" Comment="Reformatted links as text" --> Word Count (10)

UserId="24968" Comment="Reformatted link as text" --> Word Count (11)  
 UserId="29575" Comment="Reformatted link as text" --> Word Count (6)  
 UserId="924" Comment="edited tags" --> Word Count (1)  
 UserId="31434" --> Word Count (401)  
 UserId="31434" --> Word Count (4)  
 UserId="31434" --> Word Count (1)  
 UserId="64138" --> Word Count (79)  
 UserId="64138" --> Word Count (12)  
 UserId="64138" --> Word Count (1)  
 UserId="71218" --> Word Count (186)  
 UserId="31434" Comment="fixed typo: t=2 should have been t=3" --> Word Count (401)  
 UserId="66974" --> Word Count (344)  
 UserId="66974" --> Word Count (9)  
 UserId="66974" --> Word Count (1)  
 UserId="71218" --> Word Count (56)  
 UserId="52291" Comment="Made it more clear that there could be more cases" --> Word Count (193)  
 UserId="29575" Comment="103" --> Word Count (9)  
 UserId="70066" --> Word Count (116)  
 UserId="18703" --> Word Count (366)  
 UserId="31434" Comment="clarified parameters" --> Word Count (457)  
 UserId="71944" --> Word Count (243)  
 UserId="71944" --> Word Count (4)  
 UserId="71944" --> Word Count (1)  
 UserId="71949" --> Word Count (134)  
 UserId="71949" --> Word Count (10)  
 UserId="71949" --> Word Count (1)  
 UserId="71218" --> Word Count (256)  
 UserId="71231" --> Word Count (310)  
 UserId="71231" --> Word Count (12)  
 UserId="71231" --> Word Count (1)  
 UserId="70980" --> Word Count (10)  
 UserId="70980" --> Word Count (6)  
 UserId="70980" --> Word Count (1)  
 UserId="71823" --> Word Count (53)  
 UserId="71823" --> Word Count (7)  
 UserId="71823" --> Word Count (1)  
 UserId="59437" Comment="added 8 characters in body" --> Word Count (191)  
 UserId="71957" --> Word Count (119)  
 UserId="71957" --> Word Count (6)  
 UserId="71957" --> Word Count (1)  
 UserId="31434" Comment="Added appropriate tags" --> Word Count (1)  
 UserId="71231" Comment="I accidentally said &quot;countplot&quot; instead of &quot;distplot&quot;;" --> Word Count (310)  
 UserId="71231" Comment="I accidentally said &quot;countplot&quot; instead of &quot;distplot&quot;;" --> Word Count (12)  
 UserId="51812" --> Word Count (19)

UserId="51812" --> Word Count (6)  
 UserId="51812" --> Word Count (1)  
 UserId="71960" --> Word Count (199)  
 UserId="71960" --> Word Count (8)  
 UserId="71960" --> Word Count (1)  
 UserId="71963" --> Word Count (106)  
 UserId="71963" --> Word Count (9)  
 UserId="71963" --> Word Count (1)  
 UserId="59437" Comment="edited body" --> Word Count (191)  
 UserId="71961" --> Word Count (399)  
 UserId="71961" --> Word Count (10)  
 UserId="71961" --> Word Count (1)  
 UserId="61941" Comment="added 219 characters in body" --> Word Count (77)  
 UserId="61728" --> Word Count (313)  
 UserId="61728" --> Word Count (4)  
 UserId="61728" --> Word Count (1)  
 UserId="70546" --> Word Count (62)  
 UserId="70546" --> Word Count (9)  
 UserId="70546" --> Word Count (1)  
 UserId="52291" --> Word Count (199)  
 UserId="31599" --> Word Count (93)  
 UserId="31599" --> Word Count (6)  
 UserId="31599" --> Word Count (1)  
 UserId="71717" --> Word Count (19)  
 UserId="71717" --> Word Count (3)  
 UserId="71717" --> Word Count (1)  
 UserId="31599" Comment="edited title" --> Word Count (14)  
 UserId="31599" --> Word Count (58)  
 UserId="201" --> Word Count (96)  
 UserId="201" Comment="added 9 characters in body" --> Word Count (97)  
 UserId="62069" --> Word Count (91)  
 UserId="42522" --> Word Count (67)  
 UserId="42522" --> Word Count (6)  
 UserId="42522" --> Word Count (1)  
 UserId="37572" Comment="added 429 characters in body" --> Word Count (259)  
 UserId="71964" --> Word Count (628)  
 UserId="71964" --> Word Count (11)  
 UserId="71964" --> Word Count (1)  
 UserId="61884" --> Word Count (122)  
 UserId="61884" --> Word Count (3)  
 UserId="61884" --> Word Count (1)  
 UserId="71964" Comment="added 404 characters in body" --> Word Count (665)  
 UserId="54835" --> Word Count (157)  
 UserId="54835" --> Word Count (9)  
 UserId="54835" --> Word Count (1)  
 UserId="71974" --> Word Count (204)  
 UserId="71974" --> Word Count (15)  
 UserId="71974" --> Word Count (1)

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UserId="71923" Comment="added 546 characters in body; edited title" --> Word
Count (100)
UserId="71923" Comment="added 546 characters in body; edited title" --> Word
Count (10)
UserId="45374" --> Word Count (187)
UserId="67328" --> Word Count (119)
UserId="53812" --> Word Count (47)
UserId="67328" Comment="Explanation improved" --> Word Count (158)
UserId="67328" Comment="Notation improved" --> Word Count (158)
UserId="67328" Comment="Explanation improved" --> Word Count (163)
UserId="42772" --> Word Count (297)
UserId="42772" --> Word Count (12)
UserId="42772" --> Word Count (1)
UserId="71979" --> Word Count (179)
UserId="71979" Comment="added 82 characters in body" --> Word Count (195)
UserId="42772" Comment="added 745 characters in body" --> Word Count (470)
UserId="71981" --> Word Count (126)
UserId="71981" --> Word Count (18)
UserId="71981" --> Word Count (1)
UserId="31608" Comment="added 382 characters in body" --> Word Count (604)
UserId="31608" Comment="added 22 characters in body" --> Word Count (615)
UserId="10814" Text="You could check existing neural network repositories like
[Wolfram Neural Net
Repository](https://resources.wolframcloud.com/NeuralNetRepository/). This does
not seem to have that particular net. However, in [Wolfram
Language](https://reference.wolfram.com/language/) there is the [FindTextualAns
wer](http://reference.wolfram.com/language/ref/FindTextualAnswer.html) function
(still experimental in version 12) that uses a neural
net.

First a "book" can be obtained with [Wikipedi
aSearch](http://reference.wolfram.com/language/ref/WikipediaSearch.html) and [
WikipediaData](http://reference.wolfram.com/language/ref/WikipediaData.html).&#
xD;

 WikipediaSearch["traffic
light"]

> {Traffic light, Traffic light
rating system, Traffic Light Protocol, Traffic light
(disambiguation), 
Traffic-light signalling and operation,
Traffic light coalition, Traffic light less road, Traffic right of
way, 
Traffic light control and coordination, Traffic Light
Tree, Traffic light peppers, 
Traffic Light (TV series),
Traffic Lights (Lena Meyer-Landrut song), Traffic light
party}

Taking the first article.

 txt =
WikipediaData["Traffic light",
"ArticlePlaintext"]

Questions will have answers of
varying certainty. With FindTextualAnswer I'll return the top five answers.
First some very basic formatting with [Grid](http://reference.wolfram.com/lang
uage/ref/Grid.html).

 format = Grid[Prepend[#,
{"Probability", "Sentence"}], 
 ItemStyle
-> {{Automatic, {FontSize -> 11}}}, 
 Alignment ->
{{Automatic, Left}}] &


Now the questions;

```

```

using the GPU with [TargetDevice](http://reference.wolfram.com/language/ref/TargetDevice.html).

 FindTextualAnswer[txt, "Who
invented the traffic light?";, 5, 
 {"Probability";,
"HighlightedSentence"}, 
 TargetDevice ->
"GPU"] // format

> ![Mathematica
graphics](http://i.stack.imgur.com/lj9n7.png)


FindTextualAnswer[txt, "When were traffic lights invented?";, 5,

 {"Probability";, "HighlightedSentence"},

 TargetDevice -> "GPU"] //
format

> ![Mathematica
graphics](http://i.stack.imgur.com/kzIyJ.png)

 Find -->
Word Count (58)
UserId="45506" --> Word Count (90)
UserId="67328" --> Word Count (71)
UserId="67328" Comment="via Vote" --> Word Count (1)
UserId="71979" Comment="deleted 1 character in body" --> Word Count (193)
UserId="67328" Comment="Explanation improved" --> Word Count (113)
UserId="67328" --> Word Count (1)
UserId="67328" Comment="Explanation improved" --> Word Count (113)
UserId="40137" --> Word Count (78)
UserId="40137" --> Word Count (8)
UserId="40137" --> Word Count (1)
UserId="10814" Comment="deleted 224 characters in body" Text="You could check
existing neural network repositories like [Wolfram Neural Net
Repository](https://resources.wolframcloud.com/NeuralNetRepository/). This does
not seem to have that particular net. However, in [Wolfram
Language](https://reference.wolfram.com/language/) there is the [FindTextualAns
wer](http://reference.wolfram.com/language/ref/FindTextualAnswer.html) function
(still experimental in version 12) that uses a neural
net.

First a "book" can be obtained with [Wikipedi
aSearch](http://reference.wolfram.com/language/ref/WikipediaSearch.html) and [
WikipediaData](http://reference.wolfram.com/language/ref/WikipediaData.html).&#
xD;

 WikipediaSearch["traffic
light"]

> {Traffic light, Traffic light rating
system, Traffic Light Protocol, Traffic light (disambiguation),

Traffic-light signalling and operation, Traffic light coalition,
Traffic light less road, Traffic right of way, 
Traffic light
control and coordination, Traffic Light Tree, Traffic light peppers,

Traffic Light (TV series), Traffic Lights (Lena Meyer-Landrut
song), Traffic light party}

Taking the first
article.

 txt = WikipediaData["Traffic light";,
"ArticlePlaintext"];

Questions will have answers of
varying certainty. With FindTextualAnswer I'll return the top five answers.
First some very basic formatting with [Grid](http://reference.wolfram.com/lang
uage/ref/Grid.html).

 format = Grid[Prepend[#,
{"Probability";, "Sentence"}], 
 ItemStyle
-> {{Automatic, {FontSize -> 11}}}, 
 Alignment ->
{{Automatic, Left}}] &


Now the questions;

```

```

using the GPU with [`TargetDevice`](http://reference.wolfram.com/language/ref/TargetDevice.html).

 FindTextualAnswer[txt, "Who
invented the traffic light?";, 5, 
 {"Probability";,
"HighlightedSentence"}, 
 TargetDevice ->
"GPU"] // format

> ![Mathematica
graphics](http://i.stack.imgur.com/lj9n7.png)

 Find -->
Word Count (58)
UserId="71987" --> Word Count (130)
UserId="71987" --> Word Count (7)
UserId="71987" --> Word Count (1)
UserId="53127" --> Word Count (102)
UserId="53127" --> Word Count (8)
UserId="53127" --> Word Count (1)
UserId="67200" --> Word Count (1796)
UserId="67200" --> Word Count (11)
UserId="67200" --> Word Count (1)
UserId="71218" --> Word Count (57)
UserId="71218" --> Word Count (67)
UserId="57233" --> Word Count (47)
UserId="57233" --> Word Count (10)
UserId="57233" --> Word Count (1)
UserId="71218" --> Word Count (48)
UserId="71218" --> Word Count (52)
UserId="42772" Comment="added 1066 characters in body" --> Word Count (678)
UserId="67328" Comment="Explanation improved" --> Word Count (124)
UserId="67328" Comment="Explanation improved" --> Word Count (125)
UserId="67328" Comment="Explanation improved" --> Word Count (118)
UserId="42772" Comment="added 50 characters in body" --> Word Count (686)
UserId="29575" Comment="Remove extra commentary" --> Word Count (98)
UserId="45506" --> Word Count (99)
UserId="29575" Comment="Remove extra commentary" --> Word Count (65)
UserId="71907" --> Word Count (143)
UserId="71907" --> Word Count (14)
UserId="71907" --> Word Count (1)
UserId="45506" --> Word Count (61)
UserId="64138" Comment="edited title" --> Word Count (12)
UserId="71907" Comment="deleted 261 characters in body" --> Word Count (113)
UserId="55122" --> Word Count (220)
UserId="67328" --> Word Count (129)
UserId="67328" Comment="Explanation improved" --> Word Count (231)
UserId="67328" Comment="Explanation improved" --> Word Count (303)
UserId="67328" Comment="Explanation improved" --> Word Count (299)
UserId="31599" --> Word Count (484)
UserId="31599" --> Word Count (9)
UserId="31599" --> Word Count (1)
UserId="59437" Comment="added 411 characters in body" --> Word Count (280)
UserId="67328" Comment="Notation improved" --> Word Count (174)
UserId="67328" Comment="Explanation improved" --> Word Count (186)

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UserId="67328" Comment="Explanation improved" --> Word Count (339)  
 UserId="31599" Comment="edited title" --> Word Count (8)  
 UserId="69109" --> Word Count (82)  
 UserId="72008" --> Word Count (317)  
 UserId="72008" --> Word Count (5)  
 UserId="72008" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (146)  
 UserId="26202" Comment="edited title" --> Word Count (13)  
 UserId="50039" --> Word Count (246)  
 UserId="50039" --> Word Count (7)  
 UserId="50039" --> Word Count (1)  
 UserId="31434" Comment="boost signal" --> Word Count (517)  
 UserId="72013" --> Word Count (62)  
 UserId="72013" --> Word Count (6)  
 UserId="72013" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (229)  
 UserId="54839" --> Word Count (192)  
 UserId="54839" --> Word Count (14)  
 UserId="54839" --> Word Count (1)  
 <DELETE> --> Word Count (92)  
 UserId="31245" Comment="added 1 character in body" --> Word Count (174)  
 UserId="71907" --> Word Count (62)  
 UserId="71907" --> Word Count (11)  
 UserId="71907" --> Word Count (1)  
 UserId="71218" --> Word Count (32)  
 UserId="66117" --> Word Count (55)  
 UserId="66117" --> Word Count (3)  
 UserId="66117" --> Word Count (1)  
 UserId="23305" --> Word Count (180)  
 UserId="66117" Comment="edited title" --> Word Count (3)  
 UserId="8" Comment="deleted 183 characters in body" --> Word Count (99)  
 UserId="72024" --> Word Count (126)  
 UserId="72024" --> Word Count (11)  
 UserId="72024" --> Word Count (1)  
 UserId="29575" --> Word Count (5)  
 UserId="29575" Comment="Minor formatting" --> Word Count (106)  
 UserId="71218" --> Word Count (42)  
 UserId="71918" --> Word Count (97)  
 UserId="71918" --> Word Count (10)  
 UserId="71918" --> Word Count (1)  
 UserId="30653" --> Word Count (183)  
 UserId="30653" --> Word Count (8)  
 UserId="30653" --> Word Count (1)  
 UserId="71918" Comment="via Vote" --> Word Count (2)  
 UserId="71918" --> Word Count (2)  
 UserId="55122" --> Word Count (188)  
 UserId="62920" --> Word Count (68)  
 UserId="62920" --> Word Count (22)

UserId="62920" --> Word Count (1)  
 UserId="49119" --> Word Count (72)  
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 UserId="49119" --> Word Count (1)  
 UserId="73027" --> Word Count (25)  
 UserId="73027" --> Word Count (4)  
 UserId="73027" --> Word Count (1)  
 UserId="21960" --> Word Count (333)  
 UserId="21960" --> Word Count (11)  
 UserId="21960" --> Word Count (1)  
 UserId="50866" --> Word Count (75)  
 UserId="50866" --> Word Count (114)  
 UserId="42522" --> Word Count (47)  
 UserId="42522" --> Word Count (8)  
 UserId="42522" --> Word Count (1)  
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 UserId="73031" --> Word Count (8)  
 UserId="73031" --> Word Count (1)  
 UserId="73031" Comment="edited title" --> Word Count (8)  
 UserId="-1" --> Word Count (1)  
 UserId="72009" --> Word Count (113)  
 UserId="72009" --> Word Count (4)  
 UserId="72009" --> Word Count (1)  
 UserId="70546" --> Word Count (300)  
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 UserId="70546" --> Word Count (1)  
 UserId="71633" --> Word Count (623)  
 UserId="71633" --> Word Count (13)  
 UserId="71633" --> Word Count (1)  
 UserId="201" --> Word Count (360)  
 UserId="73035" --> Word Count (299)  
 UserId="73035" --> Word Count (10)  
 UserId="73035" --> Word Count (1)  
 UserId="73042" --> Word Count (32)  
 UserId="73042" --> Word Count (3)  
 UserId="73042" --> Word Count (1)  
 UserId="52291" Comment="Better title and formatted data to code" --> Word Count (218)  
 UserId="52291" Comment="Better title and formatted data to code" --> Word Count (8)  
 UserId="52291" Comment="Better title and formatted data to code" --> Word Count (1)  
 UserId="73045" --> Word Count (21)  
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 UserId="73045" --> Word Count (1)  
 UserId="72022" --> Word Count (594)  
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 UserId="72022" --> Word Count (1)

UserId="73042" Comment="deleted 10 characters in body" --> Word Count (216)  
 UserId="52291" Comment="Formatted output as code" --> Word Count (660)  
 UserId="63767" --> Word Count (54)  
 UserId="53352" --> Word Count (279)  
 UserId="53352" --> Word Count (10)  
 UserId="53352" --> Word Count (1)  
 UserId="63767" --> Word Count (178)  
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 UserId="66626" --> Word Count (68)  
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 UserId="66626" --> Word Count (1)  
 UserId="31086" --> Word Count (92)  
 UserId="67328" --> Word Count (275)  
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 UserId="73052" --> Word Count (36)  
 UserId="73052" --> Word Count (12)  
 UserId="73052" --> Word Count (1)  
 UserId="57691" --> Word Count (161)  
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 UserId="57691" --> Word Count (1)  
 UserId="52291" Comment="Improved title and removed irrelevant info" --> Word Count (31)  
 UserId="52291" Comment="Improved title and removed irrelevant info" --> Word Count (13)  
 UserId="38492" --> Word Count (99)  
 UserId="38492" --> Word Count (5)  
 UserId="38492" --> Word Count (1)  
 UserId="45374" --> Word Count (88)  
 UserId="73052" Comment="added 1185 characters in body" --> Word Count (143)  
 UserId="201" --> Word Count (121)  
 UserId="52291" --> Word Count (148)  
 UserId="71633" Comment="added 165 characters in body" --> Word Count (637)  
 UserId="69963" --> Word Count (186)  
 UserId="69963" --> Word Count (5)  
 UserId="69963" --> Word Count (1)  
 UserId="52291" Comment="Formatted file to code" --> Word Count (145)  
 UserId="52291" --> Word Count (127)  
 UserId="73056" --> Word Count (89)  
 UserId="73056" --> Word Count (5)  
 UserId="73056" --> Word Count (1)  
 UserId="31599" Comment="edited tags" --> Word Count (1)  
 UserId="52291" Comment="Better title and removed irrelevant info" --> Word Count (76)  
 UserId="52291" Comment="Better title and removed irrelevant info" --> Word Count (5)  
 UserId="52291" Comment="Better title and removed irrelevant info" --> Word Count (1)

UserId="71218" --> Word Count (264)  
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 UserId="70614" --> Word Count (9)  
 UserId="70614" --> Word Count (1)  
 UserId="71218" --> Word Count (497)  
 UserId="68792" --> Word Count (26)  
 UserId="68792" --> Word Count (10)  
 UserId="68792" --> Word Count (1)  
 UserId="55122" --> Word Count (49)  
 UserId="71218" Comment="Added a tag" --> Word Count (1)  
 UserId="29575" Comment="Minor formatting" --> Word Count (194)  
 UserId="52291" Comment="Spelling, code, caps" --> Word Count (222)  
 UserId="52291" Comment="Spelling, code, caps" --> Word Count (1)  
 UserId="71218" --> Word Count (112)  
 UserId="73060" --> Word Count (48)  
 UserId="73060" --> Word Count (7)  
 UserId="73060" --> Word Count (1)  
 UserId="68792" Comment="edited tags" --> Word Count (1)  
 UserId="73062" --> Word Count (63)  
 UserId="73062" --> Word Count (9)  
 UserId="73062" --> Word Count (1)  
 UserId="71218" Comment="Format and grammar" --> Word Count (31)  
 UserId="59004" --> Word Count (56)  
 UserId="59004" --> Word Count (5)  
 UserId="59004" --> Word Count (1)  
 UserId="71581" --> Word Count (52)  
 UserId="31599" Comment="added 243 characters in body" --> Word Count (529)  
 UserId="53479" --> Word Count (192)  
 UserId="53479" Comment="added 99 characters in body" --> Word Count (228)  
 UserId="53479" Comment="added 99 characters in body" --> Word Count (231)  
 UserId="73064" --> Word Count (92)  
 UserId="73064" --> Word Count (2)  
 UserId="73064" --> Word Count (1)  
 UserId="73068" --> Word Count (315)  
 UserId="73068" --> Word Count (11)  
 UserId="73068" --> Word Count (1)  
 UserId="71218" --> Word Count (234)  
 UserId="73069" --> Word Count (80)  
 UserId="73069" --> Word Count (10)  
 UserId="73069" --> Word Count (1)  
 UserId="71218" --> Word Count (175)  
 UserId="70121" --> Word Count (103)  
 UserId="70121" --> Word Count (14)  
 UserId="70121" --> Word Count (1)  
 UserId="71218" Comment="little style corrections" --> Word Count (314)  
 UserId="71218" --> Word Count (90)  
 UserId="65908" --> Word Count (37)  
 UserId="65908" --> Word Count (3)

UserId="65908" --> Word Count (1)  
 UserId="71218" --> Word Count (80)  
 UserId="55122" Comment="deleted 1 character in body" --> Word Count (49)  
 UserId="71218" --> Word Count (33)  
 UserId="73075" --> Word Count (247)  
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 UserId="73075" --> Word Count (1)  
 UserId="71216" --> Word Count (208)  
 UserId="71216" --> Word Count (22)  
 UserId="71216" --> Word Count (1)  
 UserId="71218" --> Word Count (135)  
 UserId="12527" Comment="added details" --> Word Count (561)  
 UserId="73080" --> Word Count (108)  
 UserId="73080" --> Word Count (4)  
 UserId="73080" --> Word Count (1)  
 UserId="23305" Comment="format code portion" --> Word Count (160)  
 UserId="71218" Comment="Style editions" --> Word Count (255)  
 UserId="71218" Comment="Style editions" --> Word Count (1)  
 UserId="60026" --> Word Count (105)  
 UserId="60026" Comment="added 162 characters in body" --> Word Count (130)  
 UserId="73092" --> Word Count (115)  
 UserId="-1" Comment="just highlighted the key parts of the answer that helped me when found this answer" --> Word Count (382)  
 UserId="29575" Comment="Minor formatting" --> Word Count (115)  
 UserId="68792" Comment="edited tags" --> Word Count (1)  
 UserId="56930" --> Word Count (101)  
 UserId="56930" --> Word Count (11)  
 UserId="56930" --> Word Count (1)  
 UserId="29575" Comment="Combine Answers" --> Word Count (313)  
 UserId="44083" --> Word Count (180)  
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 UserId="73101" --> Word Count (86)  
 UserId="73101" --> Word Count (19)  
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 UserId="29575" Comment="Minor formatting" --> Word Count (87)  
 UserId="56903" --> Word Count (46)  
 UserId="56903" --> Word Count (8)  
 UserId="56903" --> Word Count (1)  
 UserId="70614" --> Word Count (148)  
 UserId="69557" --> Word Count (22)  
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 UserId="71581" --> Word Count (55)  
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 UserId="64596" --> Word Count (50)

UserId="73069" Comment="+ informations relative to the problem" --> Word Count (130)  
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 UserId="28012" --> Word Count (63)  
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 UserId="82" --> Word Count (67)  
 UserId="82" --> Word Count (4)  
 UserId="82" --> Word Count (1)  
 UserId="201" --> Word Count (107)  
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 UserId="70688" --> Word Count (25)  
 UserId="67328" Comment="Interactive edits removed for a faster question-to-answer transition, title keywords improved." --> Word Count (296)  
 UserId="67328" Comment="Interactive edits removed for a faster question-to-answer transition, title keywords improved." --> Word Count (12)  
 UserId="73069" Comment="added 22 characters in body" --> Word Count (135)  
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 UserId="45506" --> Word Count (81)  
 UserId="38670" --> Word Count (260)  
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 UserId="68792" Comment="edited tags" --> Word Count (1)  
 UserId="63327" --> Word Count (123)  
 UserId="73125" --> Word Count (154)  
 UserId="73125" --> Word Count (12)  
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 UserId="201" --> Word Count (110)  
 UserId="201" --> Word Count (10)  
 UserId="201" --> Word Count (1)  
 UserId="29575" Comment="Minor formatting" --> Word Count (154)  
 UserId="67777" --> Word Count (57)  
 UserId="67777" --> Word Count (9)  
 UserId="67777" --> Word Count (1)  
 UserId="67328" --> Word Count (486)  
 UserId="73127" --> Word Count (118)  
 UserId="73127" --> Word Count (8)  
 UserId="73127" --> Word Count (1)  
 UserId="73133" --> Word Count (90)

UserId="73133" --> Word Count (6)  
 UserId="73133" --> Word Count (1)  
 UserId="73134" --> Word Count (58)  
 UserId="71218" --> Word Count (139)  
 UserId="67328" Comment="Explanation improved" --> Word Count (525)  
 UserId="71218" Comment="Added possible similar question" --> Word Count (151)  
 UserId="67328" Comment="Explanation improved" --> Word Count (532)  
 UserId="31599" Comment="edited title" --> Word Count (10)  
 UserId="71375" --> Word Count (41)  
 UserId="73069" --> Word Count (188)  
 UserId="73069" --> Word Count (14)  
 UserId="73069" --> Word Count (1)  
 UserId="71218" --> Word Count (204)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (56)  
 UserId="67328" Comment="Explanation improved (notation, reward function)" -->  
 Word Count (559)  
 UserId="67328" Comment="Explanation improved" --> Word Count (550)  
 UserId="23305" Comment="appended answer 50890 as supplemental" --> Word Count  
 (616)  
 UserId="69822" --> Word Count (157)  
 UserId="69822" --> Word Count (11)  
 UserId="69822" --> Word Count (1)  
 UserId="71218" --> Word Count (41)  
 UserId="37184" --> Word Count (136)  
 UserId="17208" --> Word Count (77)  
 UserId="67328" Comment="Points of improvement extended" --> Word Count (285)  
 UserId="73147" --> Word Count (67)  
 UserId="73147" --> Word Count (17)  
 UserId="73147" --> Word Count (1)  
 UserId="20971" --> Word Count (114)  
 UserId="73146" --> Word Count (160)  
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 UserId="73146" --> Word Count (1)  
 UserId="73150" --> Word Count (264)  
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 UserId="73150" --> Word Count (1)  
 UserId="9091" --> Word Count (313)  
 UserId="67328" --> Word Count (183)  
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 UserId="29575" Comment="Reformatted links as text" --> Word Count (36)  
 UserId="71218" Comment="style corrections" --> Word Count (263)  
 UserId="71218" Comment="style corrections" --> Word Count (5)  
 UserId="45264" --> Word Count (329)  
 UserId="73147" Comment="added 42 characters in body" --> Word Count (73)  
 UserId="42044" --> Word Count (32)  
 UserId="71218" Comment="style corrections" --> Word Count (153)  
 UserId="73156" --> Word Count (275)  
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UserId="73156" --> Word Count (1)  
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 UserId="73164" --> Word Count (10)  
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 UserId="924" --> Word Count (26)  
 UserId="30635" --> Word Count (192)  
 UserId="65908" --> Word Count (41)  
 UserId="65908" --> Word Count (2)  
 UserId="65908" --> Word Count (1)  
 UserId="73150" --> Word Count (217)  
 UserId="73150" --> Word Count (11)  
 UserId="73150" --> Word Count (1)  
 UserId="23305" Comment="edited tags" --> Word Count (1)  
 UserId="23305" Comment="edited tags" --> Word Count (95)  
 UserId="45264" --> Word Count (334)  
 UserId="30635" Comment="Improved formatting" --> Word Count (160)  
 UserId="30635" Comment="Improved formatting" --> Word Count (1)  
 UserId="29575" Comment="Improved formatting" --> Word Count (145)  
 UserId="45506" --> Word Count (67)  
 UserId="35549" Comment="added 62 characters in body" --> Word Count (86)  
 UserId="17539" Comment="Added more details and better sample data to clarify what I am after." --> Word Count (841)  
 UserId="17539" Comment="Added more details and better sample data to clarify what I am after." --> Word Count (6)  
 UserId="17539" Comment="Added more details and better sample data to clarify what I am after." --> Word Count (1)  
 UserId="61728" --> Word Count (291)  
 UserId="61728" --> Word Count (8)  
 UserId="61728" --> Word Count (1)  
 UserId="52300" Comment="formatted the table." --> Word Count (362)  
 UserId="29575" Comment="formatted the table." --> Word Count (363)  
 UserId="52300" --> Word Count (45)  
 UserId="61445" --> Word Count (125)  
 UserId="61445" --> Word Count (8)  
 UserId="61445" --> Word Count (1)  
 UserId="73183" --> Word Count (49)  
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 UserId="45603" --> Word Count (127)  
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 UserId="45603" --> Word Count (1)  
 UserId="41771" --> Word Count (70)  
 UserId="28175" --> Word Count (72)  
 UserId="28175" Comment="deleted 20 characters in body; edited tags; edited title" --> Word Count (47)  
 UserId="28175" Comment="deleted 20 characters in body; edited tags; edited title" --> Word Count (5)  
 UserId="28175" Comment="deleted 20 characters in body; edited tags; edited



title" --> Word Count (1)  
 UserId="28175" Comment="added 393 characters in body" --> Word Count (133)  
 UserId="66503" --> Word Count (54)  
 UserId="73080" Comment="added 246 characters in body" --> Word Count (217)  
 UserId="32697" --> Word Count (33)  
 UserId="66295" --> Word Count (148)  
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 UserId="66295" --> Word Count (1)  
 UserId="62749" --> Word Count (103)  
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 UserId="73191" --> Word Count (8)  
 UserId="73191" --> Word Count (1)  
 UserId="73194" --> Word Count (112)  
 UserId="73194" --> Word Count (8)  
 UserId="73194" --> Word Count (1)  
 UserId="58822" --> Word Count (12)  
 UserId="73195" --> Word Count (150)  
 UserId="73195" --> Word Count (13)  
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 UserId="31086" --> Word Count (46)  
 UserId="63906" --> Word Count (45)  
 UserId="71923" Comment="added 2 characters in body" --> Word Count (106)  
 UserId="50833" --> Word Count (104)  
 UserId="70688" --> Word Count (107)  
 UserId="41771" Comment="Typo" --> Word Count (70)  
 UserId="58822" --> Word Count (68)  
 UserId="45264" Comment="Added extra information about local minima" --> Word Count (521)  
 UserId="45264" Comment="edited tags" --> Word Count (1)  
 UserId="45264" Comment="added tag" --> Word Count (1)  
 UserId="45264" Comment="edited tags" --> Word Count (1)  
 UserId="15527" --> Word Count (22)  
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 UserId="73207" --> Word Count (258)  
 UserId="73207" --> Word Count (9)  
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 UserId="71218" Comment="Style correction" --> Word Count (150)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (110)  
 UserId="42044" --> Word Count (250)  
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 UserId="45264" --> Word Count (335)  
 UserId="67328" --> Word Count (139)  
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 UserId="73150" --> Word Count (7)

UserId="73150" --> Word Count (1)  
 UserId="71218" Comment="style corrections" --> Word Count (74)  
 UserId="29575" Comment="style corrections" --> Word Count (79)  
 UserId="71218" --> Word Count (90)  
 UserId="29575" Comment="104" --> Word Count (8)  
 UserId="14675" --> Word Count (111)  
 UserId="71218" Comment="Correction" --> Word Count (222)  
 UserId="73150" Comment="added 1719 characters in body" --> Word Count (1080)  
 UserId="73127" --> Word Count (51)  
 UserId="73127" --> Word Count (11)  
 UserId="73127" --> Word Count (1)  
 UserId="66624" --> Word Count (177)  
 UserId="45264" --> Word Count (159)  
 UserId="38892" Comment="added 91 characters in body" --> Word Count (274)  
 UserId="68174" --> Word Count (645)  
 UserId="68174" --> Word Count (3)  
 UserId="68174" --> Word Count (1)  
 UserId="67328" Comment="edited tags" --> Word Count (1)  
 UserId="68174" Comment="deleted 10 characters in body" --> Word Count (643)  
 UserId="73224" --> Word Count (105)  
 UserId="73224" --> Word Count (8)  
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 UserId="73225" --> Word Count (235)  
 UserId="73150" --> Word Count (299)  
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 UserId="73227" --> Word Count (6)  
 UserId="73227" --> Word Count (1)  
 UserId="69822" --> Word Count (102)  
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 UserId="69822" Comment="rephrasing , corrected spelling" --> Word Count (6)  
 UserId="60035" --> Word Count (101)  
 UserId="60035" --> Word Count (10)  
 UserId="60035" --> Word Count (1)  
 UserId="73228" --> Word Count (180)  
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 UserId="71218" --> Word Count (85)  
 UserId="924" --> Word Count (57)  
 UserId="42044" --> Word Count (75)  
 UserId="58822" Comment="editing image" --> Word Count (297)  
 UserId="73231" --> Word Count (97)  
 UserId="73231" --> Word Count (10)  
 UserId="73231" --> Word Count (1)  
 UserId="64596" --> Word Count (249)  
 UserId="71218" Comment="mathematical style of functions" --> Word Count (97)  
 UserId="73228" Comment="added 628 characters in body" --> Word Count (279)  
 UserId="70688" Comment="deleted 135 characters in body" --> Word Count (81)  
 UserId="73238" --> Word Count (115)

UserId="70688" --> Word Count (42)  
UserId="67328" Comment="edited tags" --> Word Count (1)  
UserId="71218" Comment="style corrections" --> Word Count (192)  
UserId="29575" Comment="style corrections" --> Word Count (192)  
UserId="70546" --> Word Count (169)  
UserId="70546" --> Word Count (6)  
UserId="70546" --> Word Count (1)  
UserId="73247" --> Word Count (68)  
UserId="73248" --> Word Count (47)  
UserId="73248" --> Word Count (16)  
UserId="73248" --> Word Count (1)  
UserId="29575" Comment="Minor formatting" --> Word Count (68)  
UserId="41699" --> Word Count (143)  
UserId="41699" --> Word Count (6)  
UserId="41699" --> Word Count (1)  
UserId="38892" Comment="added 27 characters in body" --> Word Count (193)  
UserId="67270" --> Word Count (73)  
UserId="29575" Comment="Minor grammar" --> Word Count (72)  
UserId="70487" Comment="Improved formatting" --> Word Count (112)  
UserId="71218" Comment="style corrections" --> Word Count (43)  
UserId="52291" Comment="style corrections" --> Word Count (45)  
UserId="53648" --> Word Count (37)  
UserId="53648" --> Word Count (9)  
UserId="53648" --> Word Count (1)  
UserId="69527" --> Word Count (405)  
UserId="70342" --> Word Count (540)  
UserId="70342" --> Word Count (6)  
UserId="70342" --> Word Count (1)  
UserId="70342" Comment="added 30 characters in body" --> Word Count (562)  
UserId="73254" --> Word Count (106)  
UserId="73254" --> Word Count (9)  
UserId="73254" --> Word Count (1)  
UserId="73254" Comment="edited title" --> Word Count (10)  
UserId="68023" --> Word Count (181)  
UserId="73259" --> Word Count (128)  
UserId="69826" --> Word Count (106)  
UserId="69826" --> Word Count (6)  
UserId="69826" --> Word Count (1)  
UserId="73260" --> Word Count (150)  
UserId="29575" Comment="Minor formatting" --> Word Count (152)  
UserId="71218" Comment="link correction" --> Word Count (114)  
UserId="71218" --> Word Count (198)  
UserId="18139" --> Word Count (107)  
UserId="18139" --> Word Count (6)  
UserId="18139" --> Word Count (1)  
UserId="71218" --> Word Count (161)  
UserId="71218" --> Word Count (31)  
UserId="73263" --> Word Count (121)

UserId="73263" --> Word Count (11)  
 UserId="73263" --> Word Count (1)  
 UserId="71218" --> Word Count (19)  
 UserId="71218" --> Word Count (19)  
 UserId="38892" --> Word Count (44)  
 UserId="71219" --> Word Count (657)  
 UserId="71219" Comment="added 27 characters in body" --> Word Count (671)  
 UserId="67135" --> Word Count (105)  
 UserId="67135" --> Word Count (8)  
 UserId="67135" --> Word Count (1)  
 UserId="71219" Comment="added 27 characters in body" --> Word Count (670)  
 UserId="71219" Comment="deleted 1 character in body" --> Word Count (671)  
 UserId="71219" Comment="added 35 characters in body" --> Word Count (676)  
 UserId="73267" --> Word Count (835)  
 UserId="73267" --> Word Count (17)  
 UserId="73267" --> Word Count (1)  
 UserId="44299" Comment="Generalized GPU available because it keeps changing and apparently this answer keeps showing up in Google results. " --> Word Count (110)  
 UserId="71219" Comment="deleted 20 characters in body" --> Word Count (673)  
 UserId="71219" Comment="[Edit removed during grace period]" --> Word Count (673)  
 UserId="71218" Comment="Style correction" --> Word Count (70)  
 UserId="71218" Comment="Style correction" --> Word Count (86)  
 UserId="71218" Comment="style correction" --> Word Count (143)  
 UserId="73269" --> Word Count (400)  
 UserId="73269" --> Word Count (5)  
 UserId="73269" --> Word Count (1)  
 UserId="71219" Comment="added 41 characters in body" --> Word Count (677)  
 UserId="55122" --> Word Count (121)  
 UserId="55122" Comment="added 58 characters in body" --> Word Count (132)  
 UserId="73267" Comment="deleted 78 characters in body" --> Word Count (815)  
 UserId="57019" --> Word Count (167)  
 UserId="57019" --> Word Count (7)  
 UserId="57019" --> Word Count (1)  
 UserId="57019" Comment="added 143 characters in body" --> Word Count (189)  
 UserId="57019" --> Word Count (13)  
 UserId="66974" --> Word Count (240)  
 UserId="66974" --> Word Count (11)  
 UserId="66974" --> Word Count (1)  
 UserId="29575" Comment="Minor formatting / grammar" --> Word Count (13)  
 UserId="29575" Comment="Minor formatting" --> Word Count (203)  
 UserId="71218" --> Word Count (55)  
 UserId="71218" --> Word Count (14)  
 UserId="71218" --> Word Count (1)  
 UserId="70342" Comment="edited title" --> Word Count (8)  
 UserId="71218" --> Word Count (89)  
 UserId="47488" Comment="Formatted code as codeblock" --> Word Count (624)

UserId="29575" Comment="Formatted code as codeblock" --> Word Count (641)  
 UserId="71218" --> Word Count (156)  
 UserId="66974" Comment="added 9 characters in body" --> Word Count (243)  
 UserId="71218" Comment="Modified" --> Word Count (140)  
 UserId="71218" --> Word Count (105)  
 UserId="57898" --> Word Count (452)  
 UserId="57898" --> Word Count (9)  
 UserId="57898" --> Word Count (1)  
 UserId="71218" Comment="Style corrections" --> Word Count (89)  
 UserId="29575" Comment="Style corrections" --> Word Count (89)  
 UserId="55122" --> Word Count (242)  
 UserId="55122" Comment="added 225 characters in body" --> Word Count (248)  
 UserId="71218" Comment="Corrected title" --> Word Count (12)  
 UserId="38892" Comment="Corrected title" --> Word Count (243)  
 UserId="38892" Comment="Corrected title" --> Word Count (12)  
 UserId="73281" --> Word Count (161)  
 UserId="73281" --> Word Count (11)  
 UserId="73281" --> Word Count (1)  
 UserId="73086" --> Word Count (86)  
 UserId="73086" --> Word Count (9)  
 UserId="73086" --> Word Count (1)  
 UserId="73269" Comment="added 73 characters in body" --> Word Count (654)  
 UserId="46360" --> Word Count (25)  
 UserId="46360" --> Word Count (30)  
 UserId="67328" Comment="Code for curve fitting added" --> Word Count (921)  
 UserId="66210" --> Word Count (39)  
 UserId="66210" --> Word Count (9)  
 UserId="66210" --> Word Count (1)  
 UserId="73291" --> Word Count (111)  
 UserId="73291" --> Word Count (16)  
 UserId="73291" --> Word Count (1)  
 UserId="73293" --> Word Count (182)  
 UserId="73293" --> Word Count (6)  
 UserId="73293" --> Word Count (1)  
 UserId="73293" Comment="added 7 characters in body" --> Word Count (187)  
 UserId="71301" --> Word Count (309)  
 UserId="71301" --> Word Count (14)  
 UserId="71301" --> Word Count (1)  
 UserId="29575" Comment="Add more detail" --> Word Count (36)  
 UserId="29575" Comment="Add comments" --> Word Count (76)  
 UserId="71218" --> Word Count (222)  
 UserId="71218" Comment="Style correction" --> Word Count (188)  
 UserId="71218" Comment="Style correction" --> Word Count (1)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (178)  
 UserId="45264" --> Word Count (777)  
 UserId="71218" --> Word Count (186)  
 UserId="45264" Comment="Included alternative implementation" --> Word Count (835)

UserId="71218" --> Word Count (47)  
 UserId="73300" --> Word Count (462)  
 UserId="73300" --> Word Count (6)  
 UserId="73300" --> Word Count (1)  
 UserId="65027" --> Word Count (108)  
 UserId="65027" --> Word Count (7)  
 UserId="65027" --> Word Count (1)  
 UserId="71218" --> Word Count (76)  
 UserId="71218" --> Word Count (108)  
 UserId="73298" --> Word Count (326)  
 UserId="73298" --> Word Count (9)  
 UserId="73298" --> Word Count (1)  
 UserId="73298" Comment="Clarification in actions" --> Word Count (336)  
 UserId="73298" Comment="added 106 characters in body" --> Word Count (350)  
 UserId="55122" --> Word Count (119)  
 UserId="55122" Comment="added 120 characters in body" --> Word Count (138)  
 UserId="1330" --> Word Count (115)  
 UserId="59916" --> Word Count (68)  
 UserId="59916" --> Word Count (5)  
 UserId="59916" --> Word Count (1)  
 UserId="55122" --> Word Count (21)  
 UserId="69481" --> Word Count (149)  
 UserId="69481" --> Word Count (11)  
 UserId="69481" --> Word Count (1)  
 UserId="73311" --> Word Count (51)  
 UserId="73311" --> Word Count (8)  
 UserId="73311" --> Word Count (1)  
 UserId="836" --> Word Count (272)  
 UserId="55122" Comment="Make title reference the real issue: dummy variables;  
and add that as a tag" --> Word Count (10)  
 UserId="55122" Comment="Make title reference the real issue: dummy variables;  
and add that as a tag" --> Word Count (1)  
 UserId="29575" Comment="Make title reference the real issue: dummy variables;  
and add that as a tag" --> Word Count (139)  
 UserId="29575" Comment="Make title reference the real issue: dummy variables;  
and add that as a tag" --> Word Count (10)  
 UserId="73316" --> Word Count (253)  
 UserId="73316" --> Word Count (15)  
 UserId="73316" --> Word Count (1)  
 UserId="71907" --> Word Count (152)  
 UserId="71907" --> Word Count (7)  
 UserId="71907" --> Word Count (1)  
 UserId="62073" --> Word Count (162)  
 UserId="62073" --> Word Count (11)  
 UserId="62073" --> Word Count (1)  
 UserId="73317" --> Word Count (277)  
 UserId="73317" --> Word Count (7)  
 UserId="73317" --> Word Count (1)

UserId="66117" --> Word Count (457)  
 UserId="66117" --> Word Count (12)  
 UserId="66117" --> Word Count (1)  
 UserId="73316" Comment="edited body" --> Word Count (253)  
 UserId="73323" --> Word Count (33)  
 UserId="73323" --> Word Count (8)  
 UserId="73323" --> Word Count (1)  
 UserId="62920" --> Word Count (46)  
 UserId="62920" --> Word Count (9)  
 UserId="62920" --> Word Count (1)  
 UserId="69109" Comment="Adds plot image so answer becomes self contained" -->  
 Word Count (194)  
 UserId="69527" --> Word Count (268)  
 UserId="69527" Comment="added 190 characters in body" --> Word Count (298)  
 UserId="69109" Comment="Adds plot image and minimal example so answer becomes  
 self contained" --> Word Count (432)  
 UserId="69109" Comment="Better documents and improves implementation" --> Word  
 Count (443)  
 UserId="73035" --> Word Count (128)  
 UserId="73035" --> Word Count (7)  
 UserId="73035" --> Word Count (1)  
 UserId="64596" --> Word Count (37)  
 UserId="73335" --> Word Count (69)  
 UserId="73335" --> Word Count (8)  
 UserId="73335" --> Word Count (1)  
 UserId="58199" --> Word Count (1078)  
 UserId="58199" --> Word Count (7)  
 UserId="58199" --> Word Count (1)  
 UserId="7916" --> Word Count (153)  
 UserId="70838" --> Word Count (105)  
 UserId="38892" Comment="deleted 1 character in body" --> Word Count (44)  
 UserId="73338" --> Word Count (139)  
 UserId="73338" --> Word Count (14)  
 UserId="73338" --> Word Count (1)  
 UserId="71316" --> Word Count (255)  
 UserId="71316" --> Word Count (11)  
 UserId="71316" --> Word Count (1)  
 UserId="71861" --> Word Count (39)  
 UserId="71861" --> Word Count (9)  
 UserId="71861" --> Word Count (1)  
 UserId="73340" --> Word Count (173)  
 UserId="73340" --> Word Count (7)  
 UserId="73340" --> Word Count (1)  
 UserId="58199" Comment="Updated question" --> Word Count (1139)  
 UserId="52291" --> Word Count (212)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="52291" Comment="Comment about one hit" --> Word Count (229)

UserId="59171" Comment="edited body" --> Word Count (207)  
 UserId="73342" --> Word Count (141)  
 UserId="73342" --> Word Count (15)  
 UserId="73342" --> Word Count (1)  
 UserId="52291" Comment="Code formatting and removed unnecc.." --> Word Count (221)  
 UserId="52291" Comment="Code formatting and removed unnecc.." --> Word Count (1)  
 UserId="21749" --> Word Count (132)  
 UserId="52291" Comment="More comments" --> Word Count (282)  
 UserId="21749" --> Word Count (72)  
 UserId="69484" --> Word Count (44)  
 UserId="69484" --> Word Count (4)  
 UserId="69484" --> Word Count (1)  
 UserId="45264" Comment="Added extra info and links" --> Word Count (876)  
 UserId="52291" Comment="Better comments" --> Word Count (283)  
 UserId="73323" Comment="edited body" --> Word Count (33)  
 UserId="66117" --> Word Count (467)  
 UserId="66117" --> Word Count (19)  
 UserId="66117" --> Word Count (1)  
 UserId="64041" --> Word Count (160)  
 UserId="64041" --> Word Count (9)  
 UserId="64041" --> Word Count (1)  
 UserId="71218" --> Word Count (73)  
 UserId="71218" Comment="style corrections" --> Word Count (160)  
 UserId="71218" Comment="style corrections" --> Word Count (170)  
 UserId="29575" Comment="style corrections" --> Word Count (165)  
 UserId="71218" Comment="style corrections" --> Word Count (464)  
 UserId="29575" Comment="style corrections" --> Word Count (448)  
 UserId="71218" --> Word Count (25)  
 UserId="68182" --> Word Count (82)  
 UserId="68182" --> Word Count (4)  
 UserId="68182" --> Word Count (1)  
 UserId="71218" --> Word Count (89)  
 UserId="66759" --> Word Count (37)  
 UserId="66759" --> Word Count (6)  
 UserId="66759" --> Word Count (1)  
 UserId="71218" Comment="style corrections" --> Word Count (44)  
 UserId="71218" Comment="style corrections" --> Word Count (5)  
 UserId="52291" Comment="style corrections" --> Word Count (45)  
 UserId="66759" Comment="deleted 2 characters in body" --> Word Count (37)  
 UserId="71218" Comment="style corrections" --> Word Count (37)  
 UserId="71218" Comment="style corrections" --> Word Count (9)  
 UserId="52291" Comment="style corrections" --> Word Count (39)  
 UserId="52291" Comment="style corrections" --> Word Count (9)  
 UserId="73323" Comment="edited tags" --> Word Count (1)  
 UserId="65153" --> Word Count (336)  
 UserId="65153" --> Word Count (10)



UserId="65153" --> Word Count (1)  
 UserId="71218" --> Word Count (46)  
 UserId="71218" Comment="style corrections" --> Word Count (37)  
 UserId="52291" Comment="style corrections" --> Word Count (37)  
 UserId="52291" Comment="Formatted code" --> Word Count (32)  
 UserId="65153" Comment="edited tags" --> Word Count (1)  
 UserId="66117" --> Word Count (38)  
 UserId="66117" --> Word Count (2)  
 UserId="66117" --> Word Count (1)  
 UserId="73351" --> Word Count (199)  
 UserId="73351" --> Word Count (10)  
 UserId="73351" --> Word Count (1)  
 UserId="65305" --> Word Count (122)  
 UserId="65305" --> Word Count (9)  
 UserId="65305" --> Word Count (1)  
 UserId="55122" Comment="fix typo, swap tags" --> Word Count (8)  
 UserId="55122" Comment="fix typo, swap tags" --> Word Count (1)  
 UserId="73229" --> Word Count (173)  
 UserId="73229" --> Word Count (7)  
 UserId="73229" --> Word Count (1)  
 UserId="65305" Comment="added 321 characters in body" --> Word Count (173)  
 UserId="71218" Comment="style corrections" --> Word Count (201)  
 UserId="52291" Comment="Removed mathjax and formatted to code" --> Word Count (102)  
 UserId="73363" --> Word Count (82)  
 UserId="73363" --> Word Count (7)  
 UserId="73363" --> Word Count (1)  
 UserId="73364" --> Word Count (69)  
 UserId="73364" --> Word Count (7)  
 UserId="73364" --> Word Count (1)  
 UserId="66387" --> Word Count (118)  
 UserId="66387" --> Word Count (9)  
 UserId="66387" --> Word Count (1)  
 UserId="71218" Comment="style corrections" --> Word Count (72)  
 UserId="29575" Comment="style corrections" --> Word Count (60)  
 UserId="52291" --> Word Count (77)  
 UserId="73365" --> Word Count (268)  
 UserId="71441" --> Word Count (618)  
 UserId="71441" --> Word Count (6)  
 UserId="71441" --> Word Count (1)  
 UserId="52291" Comment="Wording" --> Word Count (78)  
 UserId="71218" Comment="style corrections" --> Word Count (618)  
 UserId="73363" Comment="added 1 character in body" --> Word Count (82)  
 UserId="53648" --> Word Count (103)  
 UserId="53648" --> Word Count (8)  
 UserId="53648" --> Word Count (1)  
 UserId="52291" Comment="But questions in quotes" --> Word Count (271)  
 UserId="66117" Comment="added 2446 characters in body" --> Word Count (465)

UserId="23305" --> Word Count (76)  
 UserId="73371" --> Word Count (102)  
 UserId="73371" --> Word Count (6)  
 UserId="73371" --> Word Count (1)  
 UserId="71218" Comment="style corrections" --> Word Count (99)  
 UserId="58209" --> Word Count (936)  
 UserId="58209" --> Word Count (5)  
 UserId="58209" --> Word Count (1)  
 UserId="47311" --> Word Count (297)  
 UserId="37184" --> Word Count (116)  
 UserId="57429" --> Word Count (142)  
 UserId="57429" --> Word Count (7)  
 UserId="57429" --> Word Count (1)  
 UserId="71218" --> Word Count (67)  
 UserId="64981" --> Word Count (127)  
 UserId="64981" --> Word Count (11)  
 UserId="64981" --> Word Count (1)  
 UserId="66117" --> Word Count (71)  
 UserId="66117" --> Word Count (4)  
 UserId="66117" --> Word Count (1)  
 UserId="70546" --> Word Count (57)  
 UserId="70546" --> Word Count (6)  
 UserId="70546" --> Word Count (1)  
 UserId="70546" Comment="added 106 characters in body; edited tags" --> Word Count (76)  
 UserId="70546" Comment="added 106 characters in body; edited tags" --> Word Count (1)  
 UserId="73379" --> Word Count (96)  
 UserId="73379" --> Word Count (9)  
 UserId="73379" --> Word Count (1)  
 UserId="73376" --> Word Count (346)  
 UserId="73365" --> Word Count (217)  
 UserId="29575" Comment="Minor formatting" --> Word Count (217)  
 UserId="29169" Comment="minor edits" --> Word Count (69)  
 UserId="29169" Comment="phrasing etc" --> Word Count (80)  
 UserId="29169" Comment="phrasing etc" --> Word Count (6)  
 UserId="71218" --> Word Count (122)  
 UserId="71218" --> Word Count (185)  
 UserId="71218" Comment="Style correction" --> Word Count (80)  
 UserId="69212" --> Word Count (363)  
 UserId="69212" --> Word Count (11)  
 UserId="69212" --> Word Count (1)  
 UserId="58517" --> Word Count (34)  
 UserId="58517" --> Word Count (4)  
 UserId="58517" --> Word Count (1)  
 UserId="21844" --> Word Count (43)  
 UserId="21844" --> Word Count (10)  
 UserId="21844" --> Word Count (1)

UserId="68023" --> Word Count (242)  
 UserId="73365" --> Word Count (34)  
 UserId="73365" --> Word Count (14)  
 UserId="73365" --> Word Count (1)  
 UserId="73365" Comment="Slight word changes" --> Word Count (241)  
 UserId="71231" --> Word Count (251)  
 UserId="71231" --> Word Count (4)  
 UserId="71231" --> Word Count (1)  
 UserId="24119" --> Word Count (48)  
 UserId="71231" Comment="Corrected numbering to the line of code I was  
 referencing (2nd line, not 3rd line)" --> Word Count (251)  
 UserId="58700" --> Word Count (36)  
 UserId="58700" --> Word Count (17)  
 UserId="58700" --> Word Count (1)  
 UserId="65323" --> Word Count (147)  
 UserId="71725" --> Word Count (134)  
 UserId="71725" --> Word Count (5)  
 UserId="71725" --> Word Count (1)  
 UserId="14588" --> Word Count (73)  
 UserId="73387" --> Word Count (336)  
 UserId="67328" Comment="Explanation improved, answer corrected" --> Word Count  
 (318)  
 UserId="67328" Comment="Explanation improved" --> Word Count (340)  
 UserId="64981" Comment="minor changes (Grammar and semantics)" --> Word Count  
 (128)  
 UserId="67328" Comment="Explanation improved" --> Word Count (341)  
 UserId="54075" --> Word Count (19)  
 UserId="73397" --> Word Count (268)  
 UserId="73397" --> Word Count (11)  
 UserId="73397" --> Word Count (1)  
 UserId="65305" Comment="added 461 characters in body" --> Word Count (247)  
 UserId="35644" Comment="deleted 453 characters in body" --> Word Count (173)  
 UserId="65305" Comment="added 409 characters in body" --> Word Count (239)  
 UserId="18465" --> Word Count (83)  
 UserId="57019" --> Word Count (353)  
 UserId="57019" --> Word Count (6)  
 UserId="57019" --> Word Count (1)  
 UserId="73401" --> Word Count (156)  
 UserId="73401" Text=" --> Word Count (10)  
 UserId="73401" --> Word Count (1)  
 UserId="42044" --> Word Count (98)  
 UserId="41771" --> Word Count (46)  
 UserId="71218" Comment="style corrections" --> Word Count (354)  
 UserId="71218" Comment="style corrections" --> Word Count (1)  
 UserId="29575" Comment="style corrections" --> Word Count (357)  
 UserId="65323" --> Word Count (223)  
 UserId="65323" --> Word Count (12)  
 UserId="65323" --> Word Count (1)

UserId="71218" Comment="style corrections" --> Word Count (274)  
 UserId="71218" Comment="style corrections" --> Word Count (11)  
 UserId="29575" Comment="style corrections" --> Word Count (281)  
 UserId="70958" --> Word Count (139)  
 UserId="73399" --> Word Count (150)  
 UserId="73399" --> Word Count (9)  
 UserId="73399" --> Word Count (1)  
 UserId="73408" --> Word Count (18)  
 UserId="67328" Comment="Explanation improved" --> Word Count (181)  
 UserId="73409" --> Word Count (87)  
 UserId="73409" --> Word Count (10)  
 UserId="73409" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (190)  
 UserId="42044" Comment="added 5 characters in body" --> Word Count (99)  
 UserId="29169" Comment="minor edits" --> Word Count (34)  
 UserId="52291" Comment="minor edits" --> Word Count (34)  
 UserId="51029" --> Word Count (337)  
 UserId="51029" --> Word Count (8)  
 UserId="51029" --> Word Count (1)  
 UserId="73410" Comment="Corrected &quot;Euclidian&quot; --&gt;  
 &quot;Euclidean&quot;" --> Word Count (244)  
 UserId="29169" Comment="minor edits" --> Word Count (81)  
 UserId="73407" --> Word Count (136)  
 UserId="73407" --> Word Count (17)  
 UserId="73407" --> Word Count (1)  
 UserId="73413" --> Word Count (74)  
 UserId="73413" --> Word Count (6)  
 UserId="73413" --> Word Count (1)  
 UserId="38892" Comment="added 10 characters in body" --> Word Count (144)  
 UserId="73406" --> Word Count (288)  
 UserId="73406" --> Word Count (22)  
 UserId="73406" --> Word Count (1)  
 UserId="66117" --> Word Count (36)  
 UserId="66117" --> Word Count (7)  
 UserId="66117" --> Word Count (1)  
 UserId="73399" Comment="added a photo of a sample of the data" --> Word Count  
 (156)  
 UserId="73406" Comment="added 25 characters in body" --> Word Count (290)  
 UserId="19046" --> Word Count (101)  
 UserId="73405" Comment="Corrected spelling, fixed grammar" --> Word Count (111)  
 UserId="29169" Comment="enhanced question quality" --> Word Count (51)  
 UserId="73365" --> Word Count (33)  
 UserId="67240" --> Word Count (158)  
 UserId="67240" --> Word Count (10)  
 UserId="67240" --> Word Count (1)  
 UserId="73365" --> Word Count (119)  
 UserId="71218" --> Word Count (210)  
 UserId="14518" --> Word Count (182)

UserId="14518" --> Word Count (10)  
 UserId="14518" --> Word Count (1)  
 UserId="71218" --> Word Count (96)  
 UserId="73423" --> Word Count (271)  
 UserId="73423" --> Word Count (15)  
 UserId="73423" --> Word Count (1)  
 UserId="73423" Comment="added 29 characters in body" --> Word Count (268)  
 UserId="67328" Comment="Rollback to [cbbd6c65-44d8-4d0f-a9d7-b6bcd2f5f27d]" -->  
 Word Count (223)  
 UserId="67328" Comment="Explanation improved" --> Word Count (360)  
 UserId="67328" Comment="Explanation improved" --> Word Count (362)  
 UserId="73365" Comment="edited body" --> Word Count (33)  
 UserId="73428" --> Word Count (156)  
 UserId="73428" --> Word Count (6)  
 UserId="73428" --> Word Count (1)  
 UserId="29606" --> Word Count (221)  
 UserId="29606" --> Word Count (13)  
 UserId="29606" --> Word Count (1)  
 UserId="73423" Comment="deleted 2 characters in body" --> Word Count (267)  
 UserId="-1" Comment="101" --> Word Count (3)  
 UserId="71218" --> Word Count (73)  
 UserId="69527" --> Word Count (98)  
 UserId="71218" Comment="Added clarity" --> Word Count (92)  
 UserId="73434" --> Word Count (322)  
 UserId="73434" --> Word Count (10)  
 UserId="73434" --> Word Count (1)  
 UserId="47279" --> Word Count (223)  
 UserId="47279" --> Word Count (8)  
 UserId="47279" --> Word Count (1)  
 UserId="71231" --> Word Count (177)  
 UserId="71231" --> Word Count (16)  
 UserId="71231" --> Word Count (1)  
 UserId="71218" --> Word Count (167)  
 UserId="71231" --> Word Count (421)  
 UserId="71231" --> Word Count (10)  
 UserId="71231" --> Word Count (1)  
 UserId="46360" --> Word Count (69)  
 UserId="46360" --> Word Count (8)  
 UserId="46360" --> Word Count (1)  
 UserId="55122" --> Word Count (112)  
 UserId="71218" Comment="added 1 character in body" --> Word Count (210)  
 UserId="29169" Comment="minor edits" --> Word Count (269)  
 UserId="29169" Comment="minor edits" --> Word Count (79)  
 UserId="29575" Comment="minor edits" --> Word Count (72)  
 UserId="29169" Comment="minor edits" --> Word Count (143)  
 UserId="29575" Comment="minor edits" --> Word Count (123)  
 UserId="46360" Comment="deleted 5 characters in body" --> Word Count (68)  
 UserId="73442" --> Word Count (63)

UserId="73442" --> Word Count (10)  
 UserId="73442" --> Word Count (1)  
 UserId="69470" --> Word Count (166)  
 UserId="73413" Comment="Rollback to [b80f93fb-f354-45aa-8162-1e83a761667d]" -->  
 Word Count (79)  
 UserId="69470" Comment="deleted 11 characters in body" --> Word Count (166)  
 UserId="53648" --> Word Count (30)  
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 UserId="19212" Comment="added 307 characters in body" --> Word Count (166)  
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 UserId="65323" --> Word Count (224)  
 UserId="52291" Comment="Clarify" --> Word Count (167)  
 UserId="52291" Comment="More about rf" --> Word Count (194)  
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 UserId="64870" --> Word Count (1)  
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 UserId="71892" --> Word Count (1)  
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 UserId="73457" --> Word Count (102)  
 UserId="73457" --> Word Count (9)  
 UserId="73457" --> Word Count (1)  
 UserId="52291" Comment="formatted code from inline" --> Word Count (134)  
 UserId="67328" --> Word Count (220)  
 UserId="42044" --> Word Count (94)  
 UserId="42044" --> Word Count (80)  
 UserId="71218" Comment="Style correction" --> Word Count (163)  
 UserId="28175" Comment="added 5 characters in body" --> Word Count (311)  
 UserId="67328" --> Word Count (174)  
 UserId="67328" Comment="Explanation improved" --> Word Count (324)

UserId="73465" --> Word Count (114)  
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 UserId="73465" --> Word Count (1)  
 UserId="61522" --> Word Count (642)  
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 UserId="61522" --> Word Count (1)  
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 UserId="12345" --> Word Count (1)  
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 UserId="10894" --> Word Count (210)  
 UserId="10894" --> Word Count (5)  
 UserId="10894" --> Word Count (1)  
 UserId="12345" Comment="edited title" --> Word Count (5)  
 UserId="73329" --> Word Count (245)  
 UserId="73329" --> Word Count (9)  
 UserId="73329" --> Word Count (1)  
 UserId="73471" --> Word Count (217)  
 UserId="73471" --> Word Count (12)  
 UserId="73471" --> Word Count (1)  
 UserId="73472" --> Word Count (54)  
 UserId="73474" --> Word Count (57)  
 UserId="73473" --> Word Count (66)  
 UserId="41771" Comment="Typos" --> Word Count (47)  
 UserId="73475" --> Word Count (46)  
 UserId="67328" Comment="Explanation improved" --> Word Count (450)  
 UserId="73478" --> Word Count (273)  
 UserId="73478" --> Word Count (7)  
 UserId="73478" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (461)  
 UserId="30613" --> Word Count (303)  
 UserId="30613" --> Word Count (5)  
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 UserId="67328" Comment="Explanation improved" --> Word Count (469)  
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 UserId="59087" Comment="edited title" --> Word Count (8)  
 UserId="71348" Text=" --> Word Count (168)  
 UserId="71348" --> Word Count (6)  
 UserId="71348" --> Word Count (1)  
 UserId="10814" Comment="Added [wolfram-language] tag" --> Word Count (1)  
 UserId="64985" --> Word Count (239)

UserId="64985" --> Word Count (7)  
 UserId="64985" --> Word Count (1)  
 UserId="24662" Text="I would you use tensorflow 2.0:&#xD;&#xA;&#xD;&#xA;  
 import tensorflow as tf&#xD;&#xA;&#xD;&#xA; filenames =  
 [&quot;filename1&quot;;, &quot;filename2&quot;]&#xD;&#xA;&#xD;&#xA; dataset =  
 tf.data.Dataset.list\_files(filenames, seed=42, shuffle=True)&#xD;&#xA;&#xD;&#xA;  
 # this reads 5 text files at a time, skips the first row of each file&#xD;&#xA;  
 dataset.interleave(lambda filename: tf.data. --> Word Count (6)  
 UserId="73491" --> Word Count (12)  
 UserId="65225" Comment="Properly formatted code." --> Word Count (64)  
 UserId="23305" Comment="added 18 characters in body" --> Word Count (36)  
 UserId="73401" Comment="added 11 characters in body" --> Word Count (157)  
 UserId="57410" --> Word Count (129)  
 UserId="57410" --> Word Count (10)  
 UserId="57410" --> Word Count (1)  
 UserId="24662" Comment="added 105 characters in body" Text="I would you use  
 tensorflow 2.0 and tf.data&#xD;&#xA;&#xD;&#xA; import tensorflow as  
 tf&#xD;&#xA;&#xD;&#xA; filenames = [&quot;filename1&quot;;,  
 &quot;filename2&quot;;, ...]&#xD;&#xA;&#xD;&#xA; dataset =  
 tf.data.Dataset.list\_files(filenames, seed=42, shuffle=True)&#xD;&#xA;&#xD;&#xA;  
 # this reads 5 text files at a time, skips the first row of each file&#xD;&#xA;  
 dataset.interleave(lambda filename: tf.data. --> Word Count (18)  
 UserId="73495" --> Word Count (105)  
 UserId="73495" --> Word Count (8)  
 UserId="73495" --> Word Count (1)  
 UserId="12345" Comment="via Vote" --> Word Count (1)  
 UserId="12345" --> Word Count (1)  
 UserId="12345" Comment="edited title" --> Word Count (5)  
 UserId="12345" Comment="edited title" --> Word Count (1)  
 UserId="27872" --> Word Count (350)  
 UserId="41771" --> Word Count (202)  
 UserId="201" --> Word Count (338)  
 UserId="69470" Comment="added 3 characters in body" --> Word Count (167)  
 UserId="73497" --> Word Count (115)  
 UserId="73497" --> Word Count (8)  
 UserId="73497" --> Word Count (1)  
 UserId="52559" Text="I have a dataset that contains around 10000 small  
 paragraphs and the paragraphs belong to classes. There are around 80 - 100  
 classes. The paragraphs can be organized in hierarchies. I want to build a  
 classifier model that will predict the class of an unseen paragraph.  
 &#xD;&#xA;&#xD;&#xA;Currently what I have done is, I have implemented a two step  
 classification using FastText. First I classify the unseen text to a top level  
 class and then using another classifier I classify it to a subclass of the  
 identified top level class. This helped me to increase the accuracy.  
 &#xD;&#xA;&#xD;&#xA;Is there a better way to do this? Is there any good  
 hierarchical classifier like <https://github.com/globality-corp/sklearn-hierarchical-classification>  
 out there for text classification? Or can this be  
 improved using Fast --> Word Count (5)



UserId="52559" --> Word Count (17)  
 UserId="52559" --> Word Count (1)  
 UserId="73501" --> Word Count (85)  
 UserId="73501" --> Word Count (9)  
 UserId="73501" --> Word Count (1)  
 UserId="66759" --> Word Count (84)  
 UserId="66759" --> Word Count (5)  
 UserId="66759" --> Word Count (1)  
 UserId="24858" --> Word Count (41)  
 UserId="24858" --> Word Count (10)  
 UserId="24858" --> Word Count (1)  
 UserId="35679" --> Word Count (121)  
 UserId="67328" Comment="Explanation improved" --> Word Count (501)  
 UserId="73400" --> Word Count (988)  
 UserId="73400" --> Word Count (16)  
 UserId="73400" --> Word Count (1)  
 UserId="73509" --> Word Count (265)  
 UserId="73509" --> Word Count (2)  
 UserId="73509" --> Word Count (1)  
 UserId="73400" Comment="added 76 characters in body" --> Word Count (999)  
 UserId="12345" --> Word Count (66)  
 UserId="12345" --> Word Count (8)  
 UserId="12345" --> Word Count (1)  
 UserId="45264" --> Word Count (189)  
 UserId="12345" Comment="added 85 characters in body" --> Word Count (66)  
 UserId="12345" Comment="added 85 characters in body" --> Word Count (66)  
 UserId="35679" Comment="added 65 characters in body" --> Word Count (132)  
 UserId="45264" Comment="Added extra info " --> Word Count (247)  
 UserId="64596" --> Word Count (273)  
 UserId="73513" Text="I have two tables of postal address information - the one is about 2 million records, the other roughly 40 million. They have quite bad quality, and also are not quite compatible with each other (different conventions in both sets, some fields cut off in an impractical way... - in other words, Real World data).&#xD;&#xA;&#xD;&#xA;They may not be the largest ones around, but compared to the available hardware, they are non-trivial (I cannot simply spin up a lot of worker nodes, or do a simple  $O(n^2)$  loop...)&#xD;&#xA;&#xD;&#xA;I wish to join-update the two tables on the postal address. Something like&#xD;&#xA;&#xD;&#xA; select table1.id, table2.id&#xD;&#xA; from table1, table2&#xD;&#xA; where fuzzy\_match([table1.street, table1.city, ...], &#xD;&#xA; [table1.street, table1.city, ...]) &gt; \$MINIMUM\_DISTANCE;&#xD;&#xA;&#xD;&#xA;The match is then used to store `table2.id` as a reference in `table1`.&#xD;&#xA;&#xD;&#xA;Obviously this is only pseudo-code. I'm looking for a tool to do this (either some existing solution, or a library to use in our application, or hints towards a non-naive algorithm or data structure to &quot;DIY&quot; it).&#xD;&#xA;&#xD;&#xA;I need to do this at least once/initially over the full data, and then periodically for deltas/updates.&#xD;&#xA;&#xD;&#xA;This is the technical background:&#xD;&#xA;&#xD;&#xA;- Linux server&#xD;&#xA;- Oracle RDBMS&#xD;&#xA;-

The programming environment is primarily Ruby-based, but other tools and languages can be installed if open source.&#xD;&#xA;&#xD;&#xA;I can think of the following options:&#xD;&#xA;&#xD;&#xA;- Oracle --> Word Count (167)

```
UserId="73513" --> Word Count (8)
UserId="73513" --> Word Count (1)
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UserId="63327" --> Word Count (13)
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UserId="68927" --> Word Count (81)
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UserId="60945" --> Word Count (123)
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UserId="60945" --> Word Count (1)
UserId="64596" Comment="added 19 characters in body" --> Word Count (273)
UserId="73521" --> Word Count (677)
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UserId="73521" --> Word Count (1)
UserId="73509" --> Word Count (154)
UserId="73509" --> Word Count (3)
UserId="73509" --> Word Count (1)
UserId="71218" --> Word Count (185)
UserId="24662" Comment="added 185 characters in body" Text="I would you use
tensorflow 2.0 and tf.data

 import tensorflow as
tf

 filenames = ["filename1",
"filename2", ...]

 dataset =
tf.data.Dataset.list_files(filenames, seed=42, shuffle=True)


this reads 5 text files at a time, skips the first row of each file

dataset.interleave(lambda filename: tf.data. --> Word Count (39)
UserId="58342" --> Word Count (95)
UserId="58342" --> Word Count (9)
UserId="58342" --> Word Count (1)
UserId="24662" Comment="deleted 3 characters in body" Text="I would use
tensorflow 2.0 with tf.data

 import tensorflow as
tf

 filenames = ["filename1",
"filename2", ...]

 dataset =
tf.data.Dataset.list_files(filenames, seed=42, shuffle=True)


this reads 5 text files at a time, skips the first row of each file

dataset.interleave(lambda filename: tf.data. --> Word Count (39)
UserId="58261" Comment="there were misnomers in convolution variables" -->
Word Count (695)
UserId="1352" Comment="remove thanks " --> Word Count (101)
UserId="50146" --> Word Count (136)
UserId="50146" --> Word Count (9)
```

UserId="50146" --> Word Count (1)  
 UserId="73521" Comment="clean up" --> Word Count (679)  
 UserId="73471" Comment="added 246 characters in body" --> Word Count (265)  
 UserId="67361" --> Word Count (29)  
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 UserId="66117" --> Word Count (259)  
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 UserId="73534" --> Word Count (328)  
 UserId="73534" --> Word Count (6)  
 UserId="73534" --> Word Count (1)  
 UserId="71033" --> Word Count (119)  
 UserId="71218" --> Word Count (127)  
 UserId="54721" --> Word Count (140)  
 UserId="54721" --> Word Count (17)  
 UserId="54721" --> Word Count (1)  
 UserId="73536" --> Word Count (65)  
 UserId="73536" --> Word Count (10)  
 UserId="73536" --> Word Count (1)  
 UserId="69527" Comment="added 7 characters in body" --> Word Count (100)  
 UserId="51029" Comment="added 812 characters in body" --> Word Count (555)  
 UserId="23787" --> Word Count (503)  
 UserId="23787" --> Word Count (7)  
 UserId="23787" --> Word Count (1)  
 UserId="73539" --> Word Count (110)  
 UserId="73539" --> Word Count (9)  
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 UserId="66117" --> Word Count (834)  
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 UserId="66117" --> Word Count (1)  
 UserId="29169" Comment="spelling grammar etc." --> Word Count (112)  
 UserId="29169" Comment="minor edits" --> Word Count (28)  
 UserId="29169" Comment="minor edits" --> Word Count (4)  
 UserId="29169" Comment="formatting edits etc" --> Word Count (88)  
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 UserId="29169" Comment="spelling grammar etc." --> Word Count (96)  
 UserId="29169" Comment="spelling grammar etc." --> Word Count (8)  
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 UserId="3314" --> Word Count (6)  
 UserId="3314" --> Word Count (1)

UserId="70759" --> Word Count (39)  
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 UserId="70759" --> Word Count (1)  
 UserId="71218" Comment="style corrections" --> Word Count (152)  
 UserId="71218" --> Word Count (112)  
 UserId="67328" Comment="Explanation improved" --> Word Count (508)  
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 UserId="71871" Comment="edited tags" --> Word Count (1)  
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 UserId="38892" Comment="added 6 characters in body; edited title" --> Word Count (7)  
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 UserId="73546" --> Word Count (5)  
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 UserId="41771" Comment="added 17 characters in body" --> Word Count (245)  
 UserId="70759" --> Word Count (107)  
 UserId="70759" --> Word Count (16)  
 UserId="70759" --> Word Count (1)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (349)  
 UserId="55122" --> Word Count (133)  
 UserId="12345" Comment="added 2013 characters in body" --> Word Count (66)  
 UserId="12345" Comment="added 1 character in body" --> Word Count (66)  
 UserId="70759" --> Word Count (36)  
 UserId="70759" --> Word Count (15)  
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 <DELETE> --> Word Count (12)  
 <DELETE> --> Word Count (1)  
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 UserId="69471" --> Word Count (5)  
 UserId="69471" --> Word Count (1)  
 UserId="52291" --> Word Count (73)  
 UserId="39338" Comment="Better Format" --> Word Count (69)  
 UserId="52291" Comment="Improved" --> Word Count (94)  
 UserId="52291" Comment="Expanded" --> Word Count (103)

UserId="54390" --> Word Count (80)  
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 UserId="67328" Comment="Explanation improved" --> Word Count (611)  
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 UserId="73566" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (621)  
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 UserId="71538" --> Word Count (92)  
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 UserId="71538" --> Word Count (1)  
 UserId="73045" --> Word Count (26)  
 UserId="73045" --> Word Count (4)  
 UserId="73045" --> Word Count (1)  
 UserId="38892" --> Word Count (82)  
 UserId="64985" --> Word Count (131)  
 UserId="38892" Comment="added 5 characters in body; edited tags" --> Word Count (46)  
 UserId="38892" Comment="added 5 characters in body; edited tags" --> Word Count (1)  
 UserId="38892" Comment="added 5 characters in body; edited tags" --> Word Count (5)  
 UserId="38892" Comment="added 3 characters in body" --> Word Count (82)  
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 UserId="29575" Comment="105" --> Word Count (2)  
 UserId="69471" Comment="deleted 20 characters in body" --> Word Count (533)  
 UserId="67328" --> Word Count (267)

UserId="54944" --> Word Count (55)  
 UserId="50406" Comment="Typo removed" --> Word Count (178)  
 UserId="71219" --> Word Count (206)  
 UserId="50406" Comment="Updated code" --> Word Count (196)  
 UserId="73585" --> Word Count (131)  
 UserId="73585" --> Word Count (10)  
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 UserId="73586" --> Word Count (1)  
 UserId="23305" --> Word Count (182)  
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 UserId="23305" Comment="make title more searchable for others" --> Word Count (7)  
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 UserId="71425" --> Word Count (122)  
 UserId="71425" --> Word Count (12)  
 UserId="71425" --> Word Count (1)  
 UserId="69109" Comment="Several improvements in phrasing/general communication aspects." --> Word Count (66)  
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 UserId="29575" Comment="104" --> Word Count (2)  
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 UserId="67328" --> Word Count (185)  
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 UserId="73614" --> Word Count (1)  
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 UserId="67203" Comment="added 604 characters in body" --> Word Count (382)  
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 UserId="67203" --> Word Count (77)  
 UserId="73613" Comment="deleted 1 character in body" --> Word Count (224)  
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UserId="50146" --> Word Count (1)  
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 UserId="73620" --> Word Count (4)  
 UserId="73620" --> Word Count (1)  
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 UserId="62128" --> Word Count (251)  
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 UserId="73621" --> Word Count (142)  
 UserId="73621" --> Word Count (6)  
 UserId="73621" --> Word Count (1)  
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 UserId="73622" --> Word Count (1)  
 UserId="67328" --> Word Count (139)  
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 UserId="73624" --> Word Count (166)  
 UserId="73624" --> Word Count (8)  
 UserId="73624" --> Word Count (1)  
 UserId="53760" --> Word Count (38)  
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 UserId="73608" Comment="removed unnecessary details" --> Word Count (297)  
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 UserId="836" --> Word Count (449)  
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 UserId="71006" --> Word Count (179)  
 UserId="35597" Comment="added 93 characters in body" --> Word Count (118)  
 UserId="12942" --> Word Count (74)  
 UserId="12942" --> Word Count (5)  
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 UserId="45264" Comment="added 5 characters in body" --> Word Count (235)  
 UserId="45264" Comment="added 14 characters in body" --> Word Count (237)  
 UserId="73441" --> Word Count (48)  
 UserId="29575" Comment="Nothing wrong with answer late..." --> Word Count (39)  
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 UserId="69471" --> Word Count (1)



UserId="45264" --> Word Count (157)  
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 UserId="73641" --> Word Count (5)  
 UserId="73641" --> Word Count (1)  
 UserId="45264" Comment="Edited tags" --> Word Count (1)  
 UserId="73645" --> Word Count (92)  
 UserId="73645" --> Word Count (15)  
 UserId="73645" --> Word Count (1)  
 UserId="52291" --> Word Count (53)  
 UserId="52291" Comment="Typo" --> Word Count (166)  
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 UserId="52291" Comment="Capitalization, tags, code, etc" --> Word Count (8)  
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 UserId="45264" --> Word Count (780)  
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 UserId="35732" --> Word Count (138)  
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 UserId="35732" --> Word Count (1)  
 UserId="73659" --> Word Count (512)  
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 UserId="73586" --> Word Count (9)  
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 UserId="69527" Comment="added 362 characters in body" --> Word Count (175)  
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 UserId="73671" --> Word Count (1)  
 UserId="73586" Comment="edited tags" --> Word Count (1)  
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 UserId="38892" --> Word Count (95)  
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 UserId="67328" Comment="Link added" --> Word Count (139)  
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 UserId="36964" --> Word Count (67)  
 UserId="36964" --> Word Count (7)  
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 UserId="28175" --> Word Count (213)  
 UserId="73678" --> Word Count (197)  
 UserId="73678" --> Word Count (7)  
 UserId="73678" --> Word Count (1)  
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 UserId="28175" Comment="added 36 characters in body; edited tags" --> Word Count (1)  
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 UserId="73512" --> Word Count (6)  
 UserId="73512" --> Word Count (1)  
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 UserId="73676" Comment="edited title" --> Word Count (15)  
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 UserId="28175" Comment="added 40 characters in body; edited tags" --> Word Count (89)  
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 UserId="28175" Comment="added 223 characters in body" --> Word Count (281)  
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 UserId="73579" --> Word Count (7)  
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 UserId="71026" --> Word Count (10)

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 UserId="38892" Comment="added 15 characters in body" --> Word Count (61)  
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 UserId="65908" --> Word Count (12)  
 UserId="65908" --> Word Count (1)  
 UserId="73669" --> Word Count (63)  
 UserId="73669" --> Word Count (5)  
 UserId="73669" --> Word Count (1)  
 UserId="65908" Comment="edited title" --> Word Count (8)  
 UserId="65908" Comment="via Vote" --> Word Count (2)  
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 UserId="73685" --> Word Count (49)  
 UserId="73409" --> Word Count (96)  
 UserId="73409" --> Word Count (6)  
 UserId="73409" --> Word Count (1)  
 UserId="65908" --> Word Count (2)  
 UserId="53648" --> Word Count (628)  
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 UserId="1330" Comment="deleted 5 characters in body" --> Word Count (117)  
 UserId="67349" Comment="deleted 31 characters in body; edited tags; edited title" --> Word Count (180)  
 UserId="67349" Comment="deleted 31 characters in body; edited tags; edited title" --> Word Count (11)  
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 UserId="69527" --> Word Count (141)  
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 UserId="1330" --> Word Count (84)  
 UserId="1330" Comment="added 9 characters in body" --> Word Count (75)  
 UserId="20618" --> Word Count (55)  
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UserId="28175" --> Word Count (117)  
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 UserId="73708" --> Word Count (4)  
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 UserId="28175" --> Word Count (172)  
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 --> Word Count (50)  
 UserId="28175" Comment="added 30 characters in body; edited tags; edited title"  
 --> Word Count (9)  
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 --> Word Count (1)  
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 Count (45)  
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 Count (1)  
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 Count (8)  
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 UserId="29169" Comment="capitalization edits" --> Word Count (105)  
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 UserId="73712" --> Word Count (4)  
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 UserId="73726" --> Word Count (111)  
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 UserId="73726" --> Word Count (1)  
 UserId="61941" --> Word Count (32)  
 UserId="53648" --> Word Count (542)  
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 UserId="43077" Comment="minor grammar fix" --> Word Count (446)  
 UserId="65153" Comment="changed the title to better explain my question" -->  
 Word Count (348)  
 UserId="65153" Comment="changed the title to better explain my question" -->  
 Word Count (7)  
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (82)  
 UserId="73728" --> Word Count (43)  
 UserId="73728" --> Word Count (6)  
 UserId="73728" --> Word Count (1)  
 UserId="46360" --> Word Count (56)  
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (61)  
 UserId="46360" Comment="deleted 1 character in body" --> Word Count (61)  
 UserId="73733" --> Word Count (88)  
 UserId="73733" --> Word Count (5)  
 UserId="73733" --> Word Count (1)  
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 UserId="73730" --> Word Count (1)  
 UserId="73729" --> Word Count (52)  
 UserId="73729" --> Word Count (7)  
 UserId="73729" --> Word Count (1)  
 UserId="38892" --> Word Count (29)  
 UserId="38892" Comment="added 1 character in body; edited title" --> Word Count  
 (43)  
 UserId="38892" Comment="added 1 character in body; edited title" --> Word Count  
 (6)  
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 UserId="68232" --> Word Count (109)  
 UserId="68232" --> Word Count (10)  
 UserId="68232" --> Word Count (1)  
 UserId="29169" Comment="edits to reopen old question (due to popularity of  
 views)" --> Word Count (75)  
 UserId="67349" Comment="edited title" --> Word Count (8)  
 UserId="52360" --> Word Count (34)  
 UserId="29169" Comment="edits for question" --> Word Count (106)

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UserId="73743" --> Word Count (51)
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UserId="73740" --> Word Count (117)
UserId="73740" --> Word Count (10)
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UserId="29575" Comment="Remove extra commentary" --> Word Count (30)
UserId="10640" Comment="A few improvements" --> Word Count (24)
UserId="10640" Comment="A few improvements" --> Word Count (8)
UserId="45264" Text="When you use matplotlib's plot function, it holds an object
behind the scenes for you. You can change this object with more calls to `plt`
and then only once everything has been done should you `plt.show()` the
graph.

Here is a simply example that does what you
want:

 In [1]: import matplotlib.pyplot as plt

In [2]: import numpy as np

 
 In [3]: x = np.linspace(0, 10, 100)

 In [4]: y = x ** 2


The following lines change the plot object, adding the axes
labels - but we don't show it until all are complete...


In [5]: plt.plot(x, y)

 Out[5]: [matplotlib.lines.Line2D at
0x7f3c896bb9b0>]
 
 In [6]:
plt.xlabel('Time')

 Out[6]: Text(0.5, 0, 'Time')
 
 In [7]:
plt.ylabel('Speed')

 Out[7]: --> Word Count (113)
UserId="45264" Comment="Formatting" --> Word Count (144)
UserId="45264" Comment="Formatting" --> Word Count (1)
UserId="73740" Comment="deleted 102 characters in body; edited tags" --> Word
Count (146)
UserId="73740" Comment="deleted 102 characters in body; edited tags" --> Word
Count (1)
UserId="45264" Comment="Rollback to [210e83c0-1ed9-4779-b4d7-a1788ac5f12f]" -->
Word Count (144)
UserId="73740" Comment="deleted 132 characters in body" --> Word Count (133)
UserId="29169" Comment="phrasing edits ect." --> Word Count (48)
UserId="29169" Comment="phrasing edits etc." --> Word Count (333)
UserId="73740" Comment="added 93 characters in body" --> Word Count (145)
UserId="29169" Comment="capitalization edits etc." --> Word Count (636)
UserId="12363" Comment="deleted 4 characters in body" --> Word Count (146)
UserId="73754" --> Word Count (65)
UserId="73754" --> Word Count (10)
UserId="73754" --> Word Count (1)
UserId="45264" --> Word Count (148)
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UserId="27369" --> Word Count (1)
UserId="29575" Comment="Minor formatting" --> Word Count (128)
UserId="29575" Comment="Remove extra commentary" --> Word Count (105)

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UserId="73762" --> Word Count (166)  
 UserId="73762" --> Word Count (4)  
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 UserId="1330" Comment="edited tags" --> Word Count (1)  
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 --> Word Count (343)  
 UserId="1330" Comment="deleted 10 characters in body; edited tags; edited title"  
 --> Word Count (6)  
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 --> Word Count (1)  
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 --> Word Count (136)  
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 --> Word Count (9)  
 UserId="1330" Comment="added 1 character in body; edited tags; edited title"  
 --> Word Count (1)  
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 UserId="28175" Comment="edited body; edited tags; edited title" --> Word Count

(118)

UserId="28175" Comment="edited body; edited tags; edited title" --> Word Count (16)

UserId="28175" Comment="edited body; edited tags; edited title" --> Word Count (1)

UserId="28175" --> Word Count (105)

UserId="28175" Comment="edited tags" --> Word Count (1)

UserId="73795" --> Word Count (15)

UserId="28175" Comment="added 167 characters in body" --> Word Count (246)

UserId="31608" --> Word Count (68)

UserId="31608" --> Word Count (6)

UserId="31608" --> Word Count (1)

UserId="31608" Comment="added 402 characters in body" --> Word Count (132)

UserId="29575" Comment="Remove extra commentary" --> Word Count (11)

UserId="67328" Comment="Explanation improved" --> Word Count (194)

UserId="73787" --> Word Count (71)

UserId="73787" --> Word Count (10)

UserId="73787" --> Word Count (1)

UserId="31608" Comment="added 195 characters in body" --> Word Count (166)

UserId="52291" --> Word Count (202)

UserId="73800" --> Word Count (587)

UserId="73800" --> Word Count (7)

UserId="73800" --> Word Count (1)

UserId="50949" --> Word Count (138)

UserId="50949" --> Word Count (7)

UserId="50949" --> Word Count (1)

UserId="67537" --> Word Count (52)

UserId="67537" --> Word Count (7)

UserId="67537" --> Word Count (1)

UserId="29169" Comment="question edits" --> Word Count (72)

UserId="45264" --> Word Count (3110)

UserId="52291" Comment="Rephrase" --> Word Count (212)

UserId="64302" --> Word Count (139)

UserId="64302" --> Word Count (13)

UserId="64302" --> Word Count (1)

UserId="1330" --> Word Count (68)

UserId="52291" Comment="Distinction between other answers" --> Word Count (223)

UserId="29169" Comment="question edits" --> Word Count (136)

UserId="52291" Comment="Fixed bold, minor things and tag" --> Word Count (135)

UserId="52291" Comment="Fixed bold, minor things and tag" --> Word Count (1)

UserId="50532" --> Word Count (113)

UserId="50532" --> Word Count (7)

UserId="50532" --> Word Count (1)

UserId="73813" --> Word Count (71)

UserId="73813" --> Word Count (7)

UserId="73813" --> Word Count (1)

UserId="71231" --> Word Count (267)

UserId="71231" --> Word Count (3)

UserId="71231" --> Word Count (1)  
 UserId="52291" --> Word Count (33)  
 UserId="29169" Comment="deleted repetition" --> Word Count (41)  
 UserId="45264" Comment="Formatting" --> Word Count (264)  
 UserId="45264" --> Word Count (131)  
 UserId="45264" Comment="added 2 characters in body" --> Word Count (3110)  
 UserId="71219" --> Word Count (664)  
 UserId="29169" Comment="minor edits" --> Word Count (272)  
 UserId="29169" Comment="minor edits for clarity" --> Word Count (68)  
 UserId="73820" --> Word Count (63)  
 UserId="73820" --> Word Count (11)  
 UserId="73820" --> Word Count (1)  
 UserId="73821" --> Word Count (147)  
 UserId="73821" --> Word Count (11)  
 UserId="73821" --> Word Count (1)  
 UserId="29575" Comment="101" --> Word Count (4)  
 UserId="73724" --> Word Count (41)  
 UserId="73724" --> Word Count (7)  
 UserId="73724" --> Word Count (1)  
 UserId="57548" Comment="OMG I KEEP ON MESSING THESE UP! Last edit. Dangit, I wish there was a way to cancel my old edits. Sorry!" --> Word Count (177)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (174)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (37)  
 UserId="73820" Comment="edited body" --> Word Count (63)  
 UserId="69527" --> Word Count (379)  
 UserId="69527" Comment="Revised title slightly to make it clear that the question has to do with imputing missing data" --> Word Count (8)  
 UserId="29575" Comment="Minor grammar" --> Word Count (113)  
 UserId="29169" Comment="Phrasing edits" --> Word Count (153)  
 UserId="51668" --> Word Count (128)  
 UserId="51668" --> Word Count (8)  
 UserId="51668" --> Word Count (1)  
 UserId="55122" --> Word Count (85)  
 UserId="29169" Comment="added 2 characters in body" --> Word Count (200)  
 UserId="62846" --> Word Count (21)  
 UserId="62846" --> Word Count (4)  
 UserId="62846" --> Word Count (1)  
 UserId="73826" --> Word Count (117)  
 UserId="73826" --> Word Count (23)  
 UserId="73826" --> Word Count (1)  
 UserId="29169" Comment="phrasing corrections etc." --> Word Count (128)  
 UserId="61941" --> Word Count (67)  
 UserId="73827" --> Word Count (309)  
 UserId="73827" --> Word Count (7)  
 UserId="73827" --> Word Count (1)  
 UserId="50204" --> Word Count (38)  
 UserId="50204" --> Word Count (14)  
 UserId="50204" --> Word Count (1)

UserId="52291" Comment="Cleaned writing" --> Word Count (38)  
 UserId="52291" Comment="Changed confusing commas" --> Word Count (313)  
 UserId="73828" --> Word Count (327)  
 UserId="73828" --> Word Count (6)  
 UserId="73828" --> Word Count (1)  
 UserId="37703" --> Word Count (67)  
 UserId="37703" --> Word Count (14)  
 UserId="37703" --> Word Count (1)  
 UserId="29169" Comment="formatting improvements" --> Word Count (329)  
 UserId="29575" Comment="formatting improvements" --> Word Count (329)  
 UserId="29169" Comment="grammar corrections" --> Word Count (118)  
 UserId="45264" Comment="formatting" --> Word Count (251)  
 UserId="45264" Comment="formatting" --> Word Count (1)  
 UserId="29169" Comment="Phrasing changes" --> Word Count (42)  
 UserId="73832" --> Word Count (275)  
 UserId="73832" --> Word Count (12)  
 UserId="73832" --> Word Count (1)  
 UserId="73832" Comment="added 19 characters in body" --> Word Count (278)  
 UserId="67294" --> Word Count (72)  
 UserId="67294" --> Word Count (8)  
 UserId="67294" --> Word Count (1)  
 UserId="73836" --> Word Count (195)  
 UserId="73836" --> Word Count (9)  
 UserId="73836" --> Word Count (1)  
 UserId="52291" --> Word Count (73)  
 UserId="18465" --> Word Count (126)  
 UserId="73843" --> Word Count (23)  
 UserId="73843" --> Word Count (4)  
 UserId="73843" --> Word Count (1)  
 UserId="53648" --> Word Count (271)  
 UserId="53648" --> Word Count (7)  
 UserId="53648" --> Word Count (1)  
 UserId="53648" --> Word Count (36)  
 UserId="73846" --> Word Count (32)  
 UserId="73846" --> Word Count (7)  
 UserId="73846" --> Word Count (1)  
 UserId="73724" Comment="added 1120 characters in body" --> Word Count (287)  
 UserId="73740" --> Word Count (171)  
 UserId="73740" --> Word Count (5)  
 UserId="73740" --> Word Count (1)  
 UserId="73512" Comment="added 173 characters in body; edited title" --> Word Count (84)  
 UserId="73512" Comment="added 173 characters in body; edited title" --> Word Count (9)  
 UserId="73848" --> Word Count (221)  
 UserId="73848" --> Word Count (7)  
 UserId="73848" --> Word Count (1)  
 UserId="9085" --> Word Count (11)

UserId="63767" --> Word Count (114)  
 UserId="63767" --> Word Count (5)  
 UserId="63767" --> Word Count (1)  
 UserId="51714" --> Word Count (554)  
 UserId="37703" Comment="edited title" --> Word Count (14)  
 UserId="9085" --> Word Count (111)  
 UserId="73860" --> Word Count (18)  
 UserId="29575" Comment="Minor grammar" --> Word Count (9)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (15)  
 UserId="45264" --> Word Count (151)  
 UserId="73861" --> Word Count (176)  
 UserId="73861" --> Word Count (8)  
 UserId="73861" --> Word Count (1)  
 UserId="45264" Comment="Updated to first address OP's minor issue." --> Word Count (240)  
 UserId="73866" --> Word Count (594)  
 UserId="73866" --> Word Count (5)  
 UserId="73866" --> Word Count (1)  
 UserId="73870" --> Word Count (24)  
 UserId="73870" --> Word Count (4)  
 UserId="73870" --> Word Count (1)  
 UserId="60379" --> Word Count (118)  
 UserId="60379" --> Word Count (14)  
 UserId="60379" --> Word Count (1)  
 UserId="29575" Comment="101" --> Word Count (2)  
 UserId="65776" --> Word Count (309)  
 UserId="65776" --> Word Count (12)  
 UserId="65776" --> Word Count (1)  
 UserId="45264" Comment="better title and added tag" --> Word Count (8)  
 UserId="45264" Comment="better title and added tag" --> Word Count (1)  
 UserId="29169" --> Word Count (64)  
 UserId="52291" --> Word Count (127)  
 UserId="63402" --> Word Count (101)  
 UserId="63402" --> Word Count (8)  
 UserId="63402" --> Word Count (1)  
 UserId="18703" --> Word Count (153)  
 UserId="61941" Comment="deleted 4 characters in body" --> Word Count (67)  
 UserId="32697" --> Word Count (338)  
 UserId="69670" --> Word Count (400)  
 UserId="69670" Comment="added 10 characters in body" --> Word Count (402)  
 UserId="73164" --> Word Count (367)  
 UserId="73164" --> Word Count (10)  
 UserId="73164" --> Word Count (1)  
 UserId="69670" --> Word Count (105)  
 UserId="69670" --> Word Count (167)  
 UserId="29169" Comment="minor edits" --> Word Count (78)  
 UserId="29169" Comment="minor edits" --> Word Count (368)  
 UserId="29169" Comment="removed bold formatting" --> Word Count (121)

UserId="29169" Comment="phrasing changes" --> Word Count (112)  
 UserId="29169" Comment="phrasing changes" --> Word Count (13)  
 UserId="29169" Comment="phrasing and grammar edits" --> Word Count (191)  
 UserId="69670" Comment="added 1119 characters in body" --> Word Count (421)  
 UserId="73859" --> Word Count (726)  
 UserId="39481" --> Word Count (40)  
 UserId="39481" Comment="added 48 characters in body" --> Word Count (40)  
 UserId="73865" --> Word Count (73)  
 UserId="73865" --> Word Count (9)  
 UserId="73865" --> Word Count (1)  
 UserId="23305" --> Word Count (118)  
 UserId="17916" --> Word Count (123)  
 UserId="17916" --> Word Count (15)  
 UserId="17916" --> Word Count (1)  
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (174)  
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (295)  
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (5)  
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (1)  
 UserId="73832" Comment="edited tags" --> Word Count (1)  
 UserId="69316" --> Word Count (67)  
 UserId="69316" --> Word Count (11)  
 UserId="69316" --> Word Count (1)  
 UserId="26562" --> Word Count (150)  
 UserId="53829" --> Word Count (209)  
 UserId="53829" --> Word Count (8)  
 UserId="53829" --> Word Count (1)  
 UserId="73547" --> Word Count (83)  
 UserId="73547" --> Word Count (9)  
 UserId="73547" --> Word Count (1)  
 UserId="29169" Comment="minor edits" --> Word Count (71)  
 UserId="29169" Comment="formatted code" --> Word Count (159)  
 UserId="73547" Comment="added 6 characters in body" --> Word Count (84)  
 UserId="73654" --> Word Count (172)  
 UserId="73654" --> Word Count (13)  
 UserId="73654" --> Word Count (1)  
 UserId="73897" --> Word Count (93)  
 UserId="73897" --> Word Count (7)  
 UserId="73897" --> Word Count (1)  
 UserId="73899" --> Word Count (73)  
 UserId="73899" --> Word Count (7)  
 UserId="73899" --> Word Count (1)  
 UserId="73897" Comment="added 39 characters in body" --> Word Count (101)  
 UserId="26193" --> Word Count (76)  
 UserId="26193" --> Word Count (4)  
 UserId="26193" --> Word Count (1)  
 UserId="66131" --> Word Count (43)  
 UserId="66131" --> Word Count (14)  
 UserId="66131" --> Word Count (1)

UserId="69670" --> Word Count (116)  
 UserId="66131" Comment="added 2 characters in body" --> Word Count (44)  
 UserId="73859" Comment="added 7 characters in body" --> Word Count (727)  
 UserId="66131" Comment="deleted 1 character in body" --> Word Count (44)  
 UserId="69670" Comment="added 517 characters in body" --> Word Count (188)  
 UserId="73607" --> Word Count (1700)  
 UserId="73607" --> Word Count (5)  
 UserId="73607" --> Word Count (1)  
 UserId="73832" --> Word Count (93)  
 UserId="73832" --> Word Count (21)  
 UserId="73832" --> Word Count (1)  
 UserId="73903" --> Word Count (55)  
 UserId="73903" --> Word Count (8)  
 UserId="73903" --> Word Count (1)  
 UserId="56702" --> Word Count (146)  
 UserId="56702" --> Word Count (11)  
 UserId="56702" --> Word Count (1)  
 UserId="57454" --> Word Count (336)  
 UserId="57454" --> Word Count (6)  
 UserId="57454" --> Word Count (1)  
 UserId="73836" Comment="deleted 44 characters in body" --> Word Count (191)  
 UserId="73836" --> Word Count (20)  
 UserId="73547" Comment="added 5 characters in body" --> Word Count (85)  
 UserId="73907" --> Word Count (127)  
 UserId="73907" --> Word Count (10)  
 UserId="73907" --> Word Count (1)  
 UserId="68023" Text="If you have a smaller dataset, then I think manual  
 labelling could work.&#xA;&#xA;For larger datasets, you need to use a sentiment  
 analyser engine which has been retained on a very large dataset.&#xA;&#xA;For  
 example, you can use [TextBlob][1], &#xA;&#xA; from textblob import  
 TextBlob&#xA; obj = TextBlob( some\_text )&#xA;&#xA; print(  
 obj.sentiment.polarity )&#xA;&#xA;You can one by one load each review and sort  
 them into three classes or continuous values.&#xA; &#xA; - You can classify the  
 review into a categorical variable. For example, if the polarity is above 0 then  
 the review is positive else it is negative. Here, you will perform  
 classification.&#xA; &#xA; - Use the values from ` --> Word Count (75)  
 UserId="68023" --> Word Count (44)  
 UserId="73859" Comment="added 45 characters in body" --> Word Count (737)  
 UserId="62920" --> Word Count (82)  
 UserId="62920" --> Word Count (5)  
 UserId="62920" --> Word Count (1)  
 UserId="50204" Comment="edited title" --> Word Count (9)  
 UserId="6550" --> Word Count (86)  
 UserId="73911" --> Word Count (771)  
 UserId="73911" --> Word Count (7)  
 UserId="73911" --> Word Count (1)  
 UserId="73912" --> Word Count (120)  
 UserId="73912" --> Word Count (13)

UserId="73912" --> Word Count (1)  
UserId="61941" --> Word Count (119)  
UserId="73859" --> Word Count (96)  
UserId="71991" --> Word Count (125)  
UserId="71991" --> Word Count (4)  
UserId="71991" --> Word Count (1)  
UserId="29575" Comment="Minor formatting" --> Word Count (96)  
UserId="29575" Comment="Minor grammar" --> Word Count (162)  
UserId="69670" Comment="Improved formatting" --> Word Count (171)  
UserId="69670" Comment="Improved formatting" --> Word Count (13)  
UserId="73916" --> Word Count (64)  
UserId="71991" Comment="added 12 characters in body" --> Word Count (126)  
UserId="73547" --> Word Count (37)  
UserId="73547" --> Word Count (13)  
UserId="73547" --> Word Count (1)  
UserId="29575" Comment="Format Link" --> Word Count (66)  
UserId="71991" Comment="added 119 characters in body" --> Word Count (146)  
UserId="66177" --> Word Count (122)  
UserId="66177" --> Word Count (5)  
UserId="66177" --> Word Count (1)  
UserId="62225" --> Word Count (178)  
UserId="62225" --> Word Count (4)  
UserId="62225" --> Word Count (1)  
UserId="73836" Comment="added 449 characters in body" --> Word Count (63)  
UserId="73547" Comment="added 120 characters in body" --> Word Count (51)  
UserId="71525" --> Word Count (56)  
UserId="73920" --> Word Count (42)  
UserId="73920" --> Word Count (7)  
UserId="73920" --> Word Count (1)  
UserId="17397" --> Word Count (112)  
UserId="45374" --> Word Count (47)  
UserId="73663" --> Word Count (251)  
UserId="73663" --> Word Count (6)  
UserId="73663" --> Word Count (1)  
UserId="73923" --> Word Count (213)  
UserId="73923" --> Word Count (12)  
UserId="73923" --> Word Count (1)  
UserId="67986" --> Word Count (2923)  
UserId="67986" --> Word Count (5)  
UserId="67986" --> Word Count (1)  
UserId="14588" --> Word Count (85)  
UserId="73401" --> Word Count (719)  
UserId="73401" --> Word Count (10)  
UserId="73401" --> Word Count (1)  
UserId="73401" Comment="added 12 characters in body" --> Word Count (722)  
UserId="47204" --> Word Count (64)  
UserId="47204" --> Word Count (6)  
UserId="47204" --> Word Count (1)



UserId="49590" --> Word Count (46)  
 UserId="73925" Text="I have a dataset containing reports of events in a company when something occurred. The report have:&#xD;&#xA;&#xD;&#xA; - --> Word Count (118)  
 UserId="73925" --> Word Count (7)  
 UserId="73925" --> Word Count (1)  
 UserId="73925" Comment="added schema" Text="I have a dataset containing reports of events in a company when something occurred. The report have:&#xD;&#xA;&#xD;&#xA; - --> Word Count (126)  
 UserId="73925" Comment="edited tags" --> Word Count (1)  
 UserId="73928" --> Word Count (637)  
 UserId="73928" --> Word Count (4)  
 UserId="73928" --> Word Count (1)  
 UserId="73928" Comment="added 19 characters in body" --> Word Count (630)  
 UserId="66192" --> Word Count (222)  
 UserId="66192" --> Word Count (5)  
 UserId="66192" --> Word Count (1)  
 UserId="73928" Comment="deleted 44 characters in body; edited title" --> Word Count (630)  
 UserId="73928" Comment="deleted 44 characters in body; edited title" --> Word Count (4)  
 UserId="64870" --> Word Count (266)  
 UserId="64870" --> Word Count (6)  
 UserId="64870" --> Word Count (1)  
 UserId="29169" Comment="minor edits." --> Word Count (225)  
 UserId="29169" Comment="minor edits." --> Word Count (14)  
 UserId="38892" --> Word Count (103)  
 UserId="38892" Comment="added 20 characters in body" --> Word Count (251)  
 UserId="73934" --> Word Count (441)  
 UserId="73934" --> Word Count (15)  
 UserId="73934" --> Word Count (1)  
 UserId="73441" --> Word Count (48)  
 UserId="29169" Comment="minor edits" --> Word Count (446)  
 UserId="29169" Comment="minor edits" --> Word Count (264)  
 UserId="29169" Comment="minor edits" --> Word Count (6)  
 UserId="29575" Comment="minor edits" --> Word Count (264)  
 UserId="64758" --> Word Count (292)  
 UserId="64758" --> Word Count (7)  
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 UserId="69646" --> Word Count (143)  
 UserId="69646" --> Word Count (4)  
 UserId="69646" --> Word Count (1)  
 UserId="23305" Comment="104" --> Word Count (4)  
 UserId="29575" Comment="Minor grammar" --> Word Count (49)  
 UserId="15547" --> Word Count (202)  
 UserId="15547" --> Word Count (11)  
 UserId="15547" --> Word Count (1)  
 UserId="47279" --> Word Count (381)

UserId="47279" --> Word Count (10)  
UserId="47279" --> Word Count (1)  
UserId="47279" --> Word Count (459)  
UserId="47279" --> Word Count (9)  
UserId="47279" --> Word Count (1)  
UserId="42165" --> Word Count (90)  
UserId="73930" --> Word Count (151)  
UserId="73930" --> Word Count (8)  
UserId="73930" --> Word Count (1)  
UserId="73547" Comment="added 65 characters in body" --> Word Count (94)  
UserId="17397" --> Word Count (605)  
UserId="29169" Comment="minor edits" --> Word Count (298)  
UserId="29575" Comment="Remove extra commentary" --> Word Count (306)  
UserId="67328" Comment="Title improved" --> Word Count (5)  
UserId="69569" --> Word Count (29)  
UserId="73950" --> Word Count (135)  
UserId="73950" --> Word Count (7)  
UserId="73950" --> Word Count (1)  
UserId="29575" Comment="102" --> Word Count (5)  
UserId="57825" --> Word Count (120)  
UserId="57825" --> Word Count (11)  
UserId="57825" --> Word Count (1)  
UserId="27519" --> Word Count (76)  
UserId="27519" --> Word Count (10)  
UserId="27519" --> Word Count (1)  
UserId="73950" Comment="deleted 4 characters in body" --> Word Count (131)  
UserId="73956" --> Word Count (65)  
UserId="73956" --> Word Count (14)  
UserId="73956" --> Word Count (1)  
UserId="69646" Comment="added repo" --> Word Count (149)  
UserId="69646" --> Word Count (46)  
UserId="73959" --> Word Count (117)  
UserId="73959" --> Word Count (5)  
UserId="73959" --> Word Count (1)  
UserId="24792" --> Word Count (95)  
UserId="24792" --> Word Count (11)  
UserId="24792" --> Word Count (1)  
UserId="73821" --> Word Count (24)  
UserId="28470" --> Word Count (59)  
UserId="73512" Comment="added 56 characters in body" --> Word Count (206)  
UserId="71961" --> Word Count (70)  
UserId="71961" --> Word Count (23)  
UserId="71961" --> Word Count (1)  
UserId="73512" Comment="added 147 characters in body" --> Word Count (214)  
UserId="50444" --> Word Count (258)  
UserId="50444" --> Word Count (5)  
UserId="50444" --> Word Count (1)  
UserId="73401" Comment="edited body" --> Word Count (722)

UserId="69670" Comment="added 19 characters in body" --> Word Count (191)  
UserId="73964" --> Word Count (119)  
UserId="73970" --> Word Count (114)  
UserId="73970" --> Word Count (10)  
UserId="73970" --> Word Count (1)  
UserId="73970" Comment="added 41 characters in body" --> Word Count (155)  
UserId="68023" --> Word Count (65)  
UserId="69527" --> Word Count (339)  
UserId="56702" Comment="add code for reference" --> Word Count (1216)  
UserId="73972" --> Word Count (71)  
UserId="73972" --> Word Count (15)  
UserId="73972" --> Word Count (1)  
UserId="66177" --> Word Count (88)  
UserId="66177" --> Word Count (17)  
UserId="66177" --> Word Count (1)  
UserId="45264" --> Word Count (258)  
UserId="57454" Comment="edited title to better reflect question" --> Word Count (7)  
UserId="57454" Comment="edited title to better reflect question" --> Word Count (1)  
UserId="67986" Comment="edited title" --> Word Count (6)  
UserId="73979" --> Word Count (39)  
UserId="45264" Comment="Formatting" --> Word Count (278)  
UserId="40557" --> Word Count (158)  
UserId="40557" --> Word Count (3)  
UserId="40557" --> Word Count (1)  
UserId="73573" --> Word Count (170)  
UserId="73573" --> Word Count (11)  
UserId="73573" --> Word Count (1)  
UserId="201" Comment="Fix typo and formatting" --> Word Count (151)  
UserId="73983" --> Word Count (95)  
UserId="73983" --> Word Count (14)  
UserId="73983" --> Word Count (1)  
UserId="45374" --> Word Count (111)  
UserId="64870" Comment="added 967 characters in body" --> Word Count (426)  
UserId="71538" --> Word Count (53)  
UserId="71538" --> Word Count (7)  
UserId="71538" --> Word Count (1)  
UserId="71538" Comment="added 20 characters in body" --> Word Count (57)  
UserId="73990" --> Word Count (54)  
UserId="73990" --> Word Count (22)  
UserId="73990" --> Word Count (1)  
UserId="73990" --> Word Count (57)  
UserId="73990" --> Word Count (12)  
UserId="73990" --> Word Count (1)  
UserId="73730" --> Word Count (291)  
UserId="73730" --> Word Count (5)  
UserId="73730" --> Word Count (1)

UserId="73399" --> Word Count (151)  
 UserId="14675" --> Word Count (82)  
 UserId="43870" Comment="added blogpost link" --> Word Count (51)  
 UserId="73399" --> Word Count (126)  
 UserId="73907" --> Word Count (63)  
 UserId="73907" --> Word Count (7)  
 UserId="73907" --> Word Count (1)  
 UserId="69822" --> Word Count (192)  
 UserId="69822" Comment="added 226 characters in body" --> Word Count (222)  
 UserId="37184" --> Word Count (244)  
 UserId="69822" Comment="added 18 characters in body" --> Word Count (226)  
 UserId="33183" --> Word Count (169)  
 UserId="33183" --> Word Count (8)  
 UserId="33183" --> Word Count (1)  
 UserId="33183" --> Word Count (28)  
 UserId="33183" --> Word Count (6)  
 UserId="33183" --> Word Count (1)  
 UserId="40305" --> Word Count (229)  
 UserId="40305" --> Word Count (5)  
 UserId="40305" --> Word Count (1)  
 UserId="69822" Comment="rephrasing" --> Word Count (244)  
 UserId="73996" --> Word Count (205)  
 UserId="73996" --> Word Count (5)  
 UserId="73996" --> Word Count (1)  
 UserId="29575" Comment="Remove questions/comments" --> Word Count (42)  
 UserId="60379" --> Word Count (78)  
 UserId="60379" --> Word Count (4)  
 UserId="60379" --> Word Count (1)  
 UserId="69498" --> Word Count (31)  
 UserId="69498" --> Word Count (104)  
 UserId="55122" --> Word Count (325)  
 UserId="73999" --> Word Count (339)  
 UserId="3314" --> Word Count (70)  
 UserId="3314" --> Word Count (10)  
 UserId="3314" --> Word Count (1)  
 UserId="74004" --> Word Count (128)  
 UserId="74004" --> Word Count (4)  
 UserId="74004" --> Word Count (1)  
 UserId="29169" Comment="minor edits" --> Word Count (82)  
 UserId="29169" Comment="Title change" --> Word Count (6)  
 UserId="29169" Comment="title edit etc." --> Word Count (205)  
 UserId="29169" Comment="title edit etc." --> Word Count (3)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (295)  
 UserId="73298" --> Word Count (293)  
 UserId="73298" --> Word Count (11)  
 UserId="73298" --> Word Count (1)  
 UserId="67328" --> Word Count (877)  
 UserId="74012" --> Word Count (116)

UserId="74012" --> Word Count (11)  
 UserId="74012" --> Word Count (1)  
 UserId="68137" --> Word Count (160)  
 UserId="68137" --> Word Count (16)  
 UserId="68137" --> Word Count (1)  
 UserId="73999" Comment="added 1 character in body" --> Word Count (339)  
 UserId="74013" --> Word Count (303)  
 UserId="74013" --> Word Count (10)  
 UserId="74013" --> Word Count (1)  
 UserId="50352" --> Word Count (86)  
 UserId="50352" --> Word Count (9)  
 UserId="50352" --> Word Count (1)  
 UserId="74004" Comment="added 104 characters in body" --> Word Count (122)  
 UserId="52273" --> Word Count (99)  
 UserId="52273" --> Word Count (9)  
 UserId="52273" --> Word Count (1)  
 UserId="29169" Comment="minor edits title edit" --> Word Count (100)  
 UserId="29169" Comment="minor edits title edit" --> Word Count (6)  
 UserId="29169" Comment="grammar edits etc." --> Word Count (93)  
 UserId="73967" --> Word Count (430)  
 UserId="73547" Comment="added 47 characters in body" --> Word Count (100)  
 UserId="74018" --> Word Count (122)  
 UserId="74018" --> Word Count (7)  
 UserId="74018" --> Word Count (1)  
 UserId="74018" Comment="Edit: Formatting Error" --> Word Count (122)  
 UserId="74004" Comment="added 530 characters in body" --> Word Count (149)  
 UserId="29169" Comment="minor edits" --> Word Count (159)  
 UserId="74019" --> Word Count (64)  
 UserId="74019" --> Word Count (9)  
 UserId="74019" --> Word Count (1)  
 UserId="29169" Comment="formatting, capitalization edits etc." --> Word Count (106)  
 UserId="29169" Comment="formatting, capitalization edits etc." --> Word Count (9)  
 UserId="71868" --> Word Count (61)  
 UserId="71868" --> Word Count (7)  
 UserId="71868" --> Word Count (1)  
 UserId="74019" Comment="deleted 2 characters in body; edited tags" --> Word Count (64)  
 UserId="74019" Comment="deleted 2 characters in body; edited tags" --> Word Count (1)  
 UserId="47791" --> Word Count (347)  
 UserId="29169" Comment="formatting edits etc." --> Word Count (112)  
 UserId="74027" --> Word Count (51)  
 UserId="74027" --> Word Count (7)  
 UserId="74027" --> Word Count (1)  
 UserId="74028" --> Word Count (79)  
 UserId="74028" --> Word Count (3)

UserId="74028" --> Word Count (1)  
 UserId="28470" --> Word Count (277)  
 UserId="28470" --> Word Count (16)  
 UserId="28470" --> Word Count (71)  
 UserId="73967" --> Word Count (85)  
 UserId="59854" --> Word Count (64)  
 UserId="59854" --> Word Count (4)  
 UserId="59854" --> Word Count (1)  
 UserId="73967" Comment="added 435 characters in body; deleted 3 characters in body; added 2 characters in body" --> Word Count (157)  
 UserId="69670" --> Word Count (255)  
 UserId="52291" --> Word Count (280)  
 UserId="52291" Comment="Grammar" --> Word Count (279)  
 UserId="69670" --> Word Count (74)  
 UserId="69646" --> Word Count (95)  
 UserId="69646" --> Word Count (12)  
 UserId="69646" --> Word Count (1)  
 UserId="69670" Comment="added 218 characters in body" --> Word Count (122)  
 UserId="47257" --> Word Count (188)  
 UserId="47257" --> Word Count (8)  
 UserId="47257" --> Word Count (1)  
 UserId="52291" Comment="Added scraping tutorial" --> Word Count (287)  
 UserId="66177" --> Word Count (55)  
 UserId="66177" --> Word Count (17)  
 UserId="66177" --> Word Count (1)  
 UserId="61445" --> Word Count (114)  
 UserId="61445" --> Word Count (16)  
 UserId="61445" --> Word Count (1)  
 UserId="52291" Comment="More specific title and added some tags." --> Word Count (14)  
 UserId="52291" Comment="More specific title and added some tags." --> Word Count (1)  
 UserId="74036" --> Word Count (178)  
 UserId="74036" --> Word Count (9)  
 UserId="74036" --> Word Count (1)  
 UserId="67328" Comment="Explanation improved" --> Word Count (1183)  
 UserId="67328" Comment="Explanation improved" --> Word Count (1199)  
 UserId="10640" Comment="A few improvements" --> Word Count (32)  
 UserId="10640" Comment="A few improvements" --> Word Count (1)  
 UserId="52291" Comment="A few improvements" --> Word Count (32)  
 UserId="52291" Comment="Grammar" --> Word Count (9)  
 UserId="29169" Comment="minor edits" --> Word Count (30)  
 UserId="69670" Comment="Improved formatting" --> Word Count (190)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (185)  
 UserId="74036" --> Word Count (84)  
 UserId="38892" --> Word Count (133)  
 UserId="38892" Comment="added 37 characters in body" --> Word Count (118)  
 UserId="29169" Comment="formatting edits for clarity" --> Word Count (67)

UserId="29575" Comment="formatting edits for clarity" --> Word Count (64)  
 UserId="74045" --> Word Count (51)  
 UserId="74045" --> Word Count (5)  
 UserId="74045" --> Word Count (1)  
 UserId="74048" --> Word Count (110)  
 UserId="74048" --> Word Count (10)  
 UserId="74048" --> Word Count (1)  
 UserId="14675" --> Word Count (137)  
 UserId="38892" --> Word Count (243)  
 UserId="38892" Comment="added 40 characters in body" --> Word Count (150)  
 UserId="74045" Comment="added 36 characters in body" --> Word Count (55)  
 UserId="-1" --> Word Count (1)  
 UserId="38892" Comment="deleted 139 characters in body" --> Word Count (219)  
 UserId="74050" --> Word Count (158)  
 UserId="74050" --> Word Count (14)  
 UserId="74050" --> Word Count (1)  
 UserId="74047" Text="there!&#xD;&#xA;I can not install Text add-on. How to fix this?&#xD;&#xA;[![Orange - --> Word Count (6)  
 UserId="74047" Text="Orange - --> Word Count (3)  
 UserId="74047" --> Word Count (1)  
 UserId="74050" Comment="added 32 characters in body" --> Word Count (164)  
 UserId="38892" --> Word Count (140)  
 UserId="74051" --> Word Count (104)  
 UserId="29169" Comment="edits for clarity" --> Word Count (34)  
 UserId="74051" --> Word Count (51)  
 UserId="14675" Comment="added 389 characters in body" --> Word Count (201)  
 UserId="29575" Comment="Minor formatting / grammar" --> Word Count (52)  
 UserId="29575" Comment="Format link" --> Word Count (31)  
 UserId="29575" Comment="Minor grammar" --> Word Count (104)  
 UserId="65323" --> Word Count (137)  
 UserId="65323" --> Word Count (10)  
 UserId="65323" --> Word Count (1)  
 UserId="65323" Comment="added 21 characters in body" --> Word Count (139)  
 UserId="74040" --> Word Count (374)  
 UserId="74040" --> Word Count (7)  
 UserId="74040" --> Word Count (1)  
 UserId="57454" Comment="added 414 characters in body" --> Word Count (402)  
 UserId="924" --> Word Count (22)  
 UserId="58385" --> Word Count (109)  
 UserId="58385" --> Word Count (13)  
 UserId="58385" --> Word Count (1)  
 UserId="62065" --> Word Count (95)  
 UserId="62065" --> Word Count (14)  
 UserId="62065" --> Word Count (1)  
 UserId="47040" --> Word Count (76)  
 UserId="47040" --> Word Count (5)  
 UserId="47040" --> Word Count (1)  
 UserId="29169" Comment="minor edits" --> Word Count (154)

UserId="29575" Comment="Remove extra commentary" --> Word Count (136)  
 UserId="74036" Comment="added 104 characters in body" --> Word Count (195)  
 UserId="29169" Comment="minor edits" Text="I can not install Text add-on.  
 &#xD;&#xA;&#xD;&#xA;How can I fix this?&#xD;&#xA;&#xD;&#xA;I interred a  
 screenshot shown below:&#xD;&#xA;&#xD;&#xA;[![Orange - --> Word Count (6)  
 UserId="38892" Comment="minor edits" Text="I cannot install Text add-on.  
 &#xD;&#xA;&#xD;&#xA;How can I fix this?&#xD;&#xA;&#xD;&#xA;I interred a  
 screenshot shown below:&#xD;&#xA;&#xD;&#xA;[![Orange - --> Word Count (6)  
 UserId="74065" --> Word Count (402)  
 UserId="47791" Comment="Fix random\_state=" --> Word Count (356)  
 UserId="74068" --> Word Count (12)  
 UserId="74068" --> Word Count (9)  
 UserId="74068" --> Word Count (1)  
 UserId="74073" --> Word Count (60)  
 UserId="74073" --> Word Count (8)  
 UserId="74073" --> Word Count (1)  
 UserId="73666" --> Word Count (859)  
 UserId="73666" --> Word Count (17)  
 UserId="73666" --> Word Count (1)  
 UserId="71442" --> Word Count (58)  
 UserId="52291" Comment="Correction" --> Word Count (58)  
 UserId="74078" --> Word Count (113)  
 UserId="74078" --> Word Count (8)  
 UserId="74078" --> Word Count (1)  
 UserId="38892" Comment="added 8 characters in body" --> Word Count (60)  
 UserId="74079" --> Word Count (17)  
 UserId="74079" --> Word Count (5)  
 UserId="74079" --> Word Count (1)  
 UserId="70759" --> Word Count (314)  
 UserId="70759" --> Word Count (7)  
 UserId="70759" --> Word Count (1)  
 UserId="71442" --> Word Count (192)  
 UserId="71442" --> Word Count (7)  
 UserId="71442" --> Word Count (1)  
 UserId="29875" --> Word Count (169)  
 UserId="29875" --> Word Count (6)  
 UserId="29875" --> Word Count (1)  
 UserId="69644" --> Word Count (226)  
 UserId="69644" --> Word Count (11)  
 UserId="69644" --> Word Count (1)  
 UserId="29875" Comment="deleted 2 characters in body" --> Word Count (167)  
 UserId="71442" --> Word Count (320)  
 UserId="62759" --> Word Count (31)  
 UserId="62759" --> Word Count (11)  
 UserId="62759" --> Word Count (1)  
 UserId="71442" Comment="added 2243 characters in body" --> Word Count (924)  
 UserId="38892" --> Word Count (99)  
 UserId="73636" --> Word Count (1645)



UserId="73636" --> Word Count (6)  
 UserId="73636" --> Word Count (1)  
 UserId="62959" --> Word Count (87)  
 UserId="62959" --> Word Count (9)  
 UserId="62959" --> Word Count (1)  
 UserId="29169" Comment="minor edits for clarity" --> Word Count (92)  
 UserId="52291" Comment="Added question mark" --> Word Count (98)  
 UserId="52291" Comment="Added question mark" --> Word Count (11)  
 UserId="52291" Comment="Added question mark" --> Word Count (1)  
 UserId="52291" --> Word Count (172)  
 UserId="52291" Comment="Code format" --> Word Count (98)  
 UserId="52291" Comment="Changed to fit new edit on Q" --> Word Count (172)  
 UserId="73636" Comment="added 48 characters in body" --> Word Count (1646)  
 UserId="74081" --> Word Count (793)  
 UserId="74081" --> Word Count (16)  
 UserId="74081" --> Word Count (1)  
 UserId="52291" Comment="Small grammar fixes" --> Word Count (11)  
 UserId="52291" Comment="Small grammar fixes" --> Word Count (98)  
 UserId="52291" Comment="Fixed quotes" --> Word Count (172)  
 UserId="71442" --> Word Count (264)  
 UserId="52797" --> Word Count (98)  
 UserId="71442" --> Word Count (109)  
 UserId="52291" Comment="Updated answer" --> Word Count (257)  
 UserId="29169" Comment="minor edits for clarity" --> Word Count (82)  
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (110)  
 UserId="29575" Comment="Minor grammar" --> Word Count (43)  
 UserId="29575" Comment="Minor grammar / formatting" Text="I cannot install the  
 Text add-on. &#xD;&#xA;&#xD;&#xA;How can I fix  
 this?&#xD;&#xA;&#xD;&#xA;[! [Orange - --> Word Count (6)  
 UserId="29575" Comment="102" --> Word Count (5)  
 UserId="52291" Comment="Grammar" --> Word Count (257)  
 UserId="29575" Comment="Format Link" --> Word Count (98)  
 UserId="71861" --> Word Count (67)  
 UserId="71861" --> Word Count (17)  
 UserId="71861" --> Word Count (1)  
 UserId="52291" Comment="Minor" --> Word Count (257)  
 UserId="52275" --> Word Count (834)  
 UserId="52275" --> Word Count (10)  
 UserId="52275" --> Word Count (1)  
 UserId="18040" --> Word Count (192)  
 UserId="18040" --> Word Count (10)  
 UserId="18040" --> Word Count (1)  
 UserId="18040" Comment="deleted 4 characters in body" --> Word Count (192)  
 UserId="74065" --> Word Count (42)  
 UserId="74065" --> Word Count (219)  
 UserId="52089" --> Word Count (100)  
 UserId="73833" --> Word Count (29)  
 UserId="73833" --> Word Count (25)

UserId="73833" --> Word Count (1)  
 UserId="74091" --> Word Count (206)  
 UserId="29169" Comment="capitalization issues" --> Word Count (227)  
 UserId="29169" Comment="capitalization issues" --> Word Count (11)  
 UserId="29169" Comment="formatting edits" --> Word Count (18)  
 UserId="29169" Comment="minor edits" --> Word Count (12)  
 UserId="29169" Comment="minor edits" --> Word Count (9)  
 UserId="74094" --> Word Count (190)  
 UserId="74094" --> Word Count (2)  
 UserId="74094" --> Word Count (1)  
 UserId="71219" --> Word Count (308)  
 UserId="17290" --> Word Count (1267)  
 UserId="17290" --> Word Count (9)  
 UserId="17290" --> Word Count (1)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (189)  
 UserId="71442" --> Word Count (165)  
 UserId="25180" Comment="broken link fixed" --> Word Count (331)  
 UserId="47040" Comment="added 187 characters in body" --> Word Count (114)  
 UserId="69670" --> Word Count (277)  
 UserId="69670" Comment="Improved formatting" --> Word Count (194)  
 UserId="29575" Comment="Improved formatting" --> Word Count (194)  
 UserId="74105" --> Word Count (91)  
 UserId="45581" --> Word Count (158)  
 UserId="45581" --> Word Count (7)  
 UserId="45581" --> Word Count (1)  
 UserId="68023" --> Word Count (243)  
 UserId="50146" --> Word Count (175)  
 UserId="50146" --> Word Count (7)  
 UserId="50146" --> Word Count (1)  
 UserId="74107" --> Word Count (117)  
 UserId="74107" --> Word Count (7)  
 UserId="74107" --> Word Count (1)  
 UserId="74108" --> Word Count (51)  
 UserId="34279" --> Word Count (714)  
 UserId="29575" Comment="Fix typo" --> Word Count (51)  
 UserId="71219" --> Word Count (197)  
 UserId="63219" --> Word Count (193)  
 UserId="63219" --> Word Count (7)  
 UserId="63219" --> Word Count (1)  
 UserId="63219" Comment="edited tags" --> Word Count (1)  
 UserId="63219" Comment="edited tags" --> Word Count (194)  
 UserId="29169" Comment="minor edits" --> Word Count (69)  
 UserId="50406" --> Word Count (72)  
 UserId="50406" --> Word Count (217)  
 UserId="50406" --> Word Count (76)  
 UserId="63327" --> Word Count (117)  
 UserId="63327" --> Word Count (3)  
 UserId="63327" --> Word Count (1)

UserId="44673" --> Word Count (401)  
 UserId="44673" --> Word Count (9)  
 UserId="44673" --> Word Count (1)  
 UserId="65455" --> Word Count (209)  
 UserId="65455" --> Word Count (8)  
 UserId="65455" --> Word Count (1)  
 UserId="52291" --> Word Count (71)  
 UserId="52291" Comment="Added source" --> Word Count (158)  
 UserId="74120" Comment="corrected the code as y\_test\_classes cutoff should be done with y\_test and not with itself. " --> Word Count (371)  
 UserId="45264" Comment="corrected the code as y\_test\_classes cutoff should be done with y\_test and not with itself. " --> Word Count (351)  
 UserId="58261" --> Word Count (129)  
 UserId="29169" Comment="minor edits" --> Word Count (59)  
 UserId="74132" --> Word Count (388)  
 UserId="74132" --> Word Count (11)  
 UserId="74132" --> Word Count (1)  
 UserId="69822" Comment="corrected spelling" --> Word Count (680)  
 UserId="29575" Comment="corrected spelling" --> Word Count (680)  
 UserId="51280" --> Word Count (407)  
 UserId="51280" --> Word Count (82)  
 UserId="45506" --> Word Count (96)  
 UserId="45506" --> Word Count (8)  
 UserId="45506" --> Word Count (1)  
 UserId="74138" --> Word Count (279)  
 UserId="74138" --> Word Count (10)  
 UserId="74138" --> Word Count (1)  
 UserId="70509" --> Word Count (152)  
 UserId="70509" --> Word Count (9)  
 UserId="70509" --> Word Count (1)  
 UserId="74140" --> Word Count (344)  
 UserId="74140" --> Word Count (14)  
 UserId="74140" --> Word Count (1)  
 UserId="69822" --> Word Count (85)  
 UserId="71218" Comment="style corrections" --> Word Count (151)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (351)  
 UserId="69822" Comment="added 10 characters in body" --> Word Count (87)  
 UserId="71218" --> Word Count (52)  
 UserId="49159" --> Word Count (119)  
 UserId="49159" --> Word Count (14)  
 UserId="49159" --> Word Count (1)  
 UserId="71218" Comment="style corrections" --> Word Count (96)  
 UserId="1330" Comment="edited title" --> Word Count (11)  
 UserId="1330" --> Word Count (45)  
 UserId="71218" --> Word Count (149)  
 UserId="71218" Comment="style corrections" --> Word Count (350)  
 UserId="64138" --> Word Count (102)  
 UserId="64138" --> Word Count (9)

UserId="64138" --> Word Count (1)  
 UserId="74065" Comment="added 616 characters in body" --> Word Count (161)  
 UserId="64138" Comment="added 48 characters in body" --> Word Count (109)  
 UserId="71218" Comment="style corrections" --> Word Count (109)  
 UserId="29169" Comment="minor edits" --> Word Count (113)  
 UserId="52291" Comment="Fixed link" --> Word Count (223)  
 UserId="18703" --> Word Count (587)  
 UserId="1330" --> Word Count (69)  
 UserId="24883" --> Word Count (65)  
 UserId="24883" --> Word Count (12)  
 UserId="24883" --> Word Count (1)  
 UserId="71218" Comment="style corrections" --> Word Count (62)  
 UserId="71218" Comment="style corrections" --> Word Count (11)  
 UserId="71218" Comment="style corrections" --> Word Count (9)  
 UserId="71218" --> Word Count (111)  
 UserId="74160" --> Word Count (340)  
 UserId="74160" --> Word Count (19)  
 UserId="74160" --> Word Count (1)  
 UserId="73820" --> Word Count (83)  
 UserId="17397" Comment="replying to further clarification about what type of output is desired" --> Word Count (793)  
 UserId="52250" --> Word Count (338)  
 UserId="52250" --> Word Count (4)  
 UserId="52250" --> Word Count (1)  
 UserId="71218" Comment="style corrections" --> Word Count (339)  
 UserId="29169" Comment="minor edits" --> Word Count (68)  
 UserId="73588" --> Word Count (382)  
 UserId="71218" Comment="deleted 6 characters in body" --> Word Count (339)  
 UserId="55122" --> Word Count (68)  
 UserId="63219" Comment="added 315 characters in body" --> Word Count (245)  
 UserId="66068" --> Word Count (108)  
 UserId="66068" --> Word Count (10)  
 UserId="66068" --> Word Count (1)  
 UserId="74167" --> Word Count (276)  
 UserId="74167" --> Word Count (10)  
 UserId="74167" --> Word Count (1)  
 UserId="54839" --> Word Count (1469)  
 UserId="54839" --> Word Count (8)  
 UserId="54839" --> Word Count (1)  
 UserId="74169" --> Word Count (199)  
 UserId="74169" --> Word Count (4)  
 UserId="74169" --> Word Count (1)  
 UserId="50146" Comment="added 1 character in body" --> Word Count (176)  
 UserId="69148" --> Word Count (92)  
 UserId="69148" --> Word Count (13)  
 UserId="69148" --> Word Count (1)  
 UserId="74172" --> Word Count (103)  
 UserId="74172" --> Word Count (4)

UserId="74172" --> Word Count (1)  
 UserId="27983" --> Word Count (143)  
 UserId="68967" --> Word Count (73)  
 UserId="68967" --> Word Count (12)  
 UserId="68967" --> Word Count (1)  
 UserId="28912" --> Word Count (16)  
 UserId="54839" Comment="added 1 character in body" --> Word Count (1469)  
 UserId="73965" --> Word Count (163)  
 UserId="73965" --> Word Count (2)  
 UserId="73965" --> Word Count (1)  
 UserId="29575" Comment="Format Link" --> Word Count (15)  
 UserId="73546" --> Word Count (87)  
 UserId="73546" --> Word Count (4)  
 UserId="73546" --> Word Count (1)  
 UserId="924" --> Word Count (136)  
 UserId="29169" Comment="minor edits" --> Word Count (126)  
 UserId="42522" --> Word Count (45)  
 UserId="42522" --> Word Count (5)  
 UserId="42522" --> Word Count (1)  
 UserId="73657" --> Word Count (1311)  
 UserId="73657" --> Word Count (7)  
 UserId="73657" --> Word Count (1)  
 UserId="73965" Comment="added 3 characters in body" --> Word Count (164)  
 UserId="73965" Comment="added 947 characters in body" --> Word Count (303)  
 UserId="74182" --> Word Count (47)  
 UserId="69822" --> Word Count (99)  
 UserId="73965" Comment="added 214 characters in body" --> Word Count (329)  
 UserId="27432" --> Word Count (58)  
 UserId="74183" --> Word Count (158)  
 UserId="74185" --> Word Count (114)  
 UserId="74185" Text=" --> Word Count (8)  
 UserId="74185" --> Word Count (1)  
 UserId="73912" --> Word Count (367)  
 UserId="73912" --> Word Count (6)  
 UserId="73912" --> Word Count (1)  
 UserId="74036" --> Word Count (114)  
 UserId="74036" --> Word Count (12)  
 UserId="74036" --> Word Count (1)  
 UserId="46371" --> Word Count (99)  
 UserId="46371" --> Word Count (6)  
 UserId="46371" --> Word Count (1)  
 UserId="73332" --> Word Count (121)  
 UserId="74036" Comment="added 10 characters in body; edited body" --> Word Count (120)  
 UserId="73912" Comment="added 672 characters in body" --> Word Count (465)  
 UserId="74186" --> Word Count (175)  
 UserId="74186" --> Word Count (9)  
 UserId="74186" --> Word Count (1)

UserId="73796" --> Word Count (105)  
 UserId="74189" --> Word Count (163)  
 UserId="74189" --> Word Count (6)  
 UserId="74189" --> Word Count (1)  
 UserId="73796" Comment="added 19 characters in body" --> Word Count (108)  
 UserId="45374" --> Word Count (82)  
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UserId="74040" --> Word Count (265)  
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 UserId="66965" --> Word Count (61)  
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 UserId="74422" --> Word Count (98)  
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 UserId="74423" --> Word Count (1)  
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UserId="47375" --> Word Count (1)  
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 UserId="40378" --> Word Count (1)  
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 UserId="69148" --> Word Count (1)  
 UserId="74468" --> Word Count (189)  
 UserId="68023" Text="Basically, you need to know about the unsupervised learning tasks in NLP. For this, we mostly vectorize the input sentences using an embedding matrix.&#xA;&#xA;\*&#xA;\*&#xA;Text Summarization:&#xA;&#xA;Text Summarization not based on Neural Networks is used in a number of systems. These systems vectorize the input and then rank the sentences using a ranking algorithm ( like --> Word Count (191)  
 UserId="33551" --> Word Count (427)  
 UserId="74471" --> Word Count (222)  
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UserId="29575" Comment="Remove extra commentary" --> Word Count (40)  
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 UserId="17613" --> Word Count (29)  
 UserId="17579" Comment="edited tags" --> Word Count (1)  
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 Word Count (267)  
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 UserId="74529" --> Word Count (15)  
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 Count (84)  
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 UserId="471" --> Word Count (82)  
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 UserId="73609" --> Word Count (220)  
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 UserId="67328" Comment="Explanation improved" --> Word Count (174)  
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 UserId="37703" Comment="added 9 characters in body" --> Word Count (106)  
 UserId="31822" --> Word Count (105)  
 UserId="66387" --> Word Count (179)  
 UserId="66387" --> Word Count (7)  
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 UserId="26748" --> Word Count (61)  
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 UserId="29169" Comment="minor edits" --> Word Count (88)  
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 UserId="29575" Comment="minor edits" --> Word Count (88)  
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 UserId="50406" --> Word Count (82)



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 UserId="71442" --> Word Count (93)  
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 UserId="74207" Comment="I have added more details to the question and elaborated on my question. " --> Word Count (226)  
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 UserId="74207" Comment="added 204 characters in body" --> Word Count (258)  
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 UserId="60902" --> Word Count (1)  
 UserId="60902" Comment="added 114 characters in body" --> Word Count (110)  
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 UserId="31035" --> Word Count (14)

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 UserId="53357" Comment="corrected code indentation to correct function definition." --> Word Count (663)  
 UserId="68674" --> Word Count (82)  
 UserId="68674" --> Word Count (7)  
 UserId="68674" --> Word Count (1)  
 UserId="18703" --> Word Count (104)  
 UserId="18703" Comment="added 548 characters in body" --> Word Count (173)  
 UserId="74606" --> Word Count (190)  
 UserId="74606" --> Word Count (7)  
 UserId="74606" --> Word Count (1)  
 UserId="1105" --> Word Count (193)  
 UserId="8820" --> Word Count (52)  
 UserId="8820" Comment="deleted 2 characters in body" --> Word Count (52)  
 UserId="74421" --> Word Count (158)  
 UserId="74607" --> Word Count (265)  
 UserId="74607" --> Word Count (9)  
 UserId="74607" --> Word Count (1)  
 UserId="74421" Comment="The plotting code changed (figure size, axis)" --> Word Count (177)  
 UserId="74421" --> Word Count (74)  
 UserId="71219" --> Word Count (260)  
 UserId="18703" --> Word Count (323)  
 UserId="45264" Comment="typos" --> Word Count (237)  
 UserId="71442" --> Word Count (195)

UserId="74065" --> Word Count (203)  
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 UserId="45182" --> Word Count (1)  
 UserId="74620" --> Word Count (37)  
 UserId="74620" --> Word Count (8)  
 UserId="74620" --> Word Count (1)  
 UserId="71442" --> Word Count (977)  
 UserId="71442" --> Word Count (18)  
 UserId="71442" --> Word Count (1)  
 UserId="74619" --> Word Count (473)  
 UserId="74619" --> Word Count (6)  
 UserId="74619" --> Word Count (1)  
 UserId="74621" --> Word Count (90)  
 UserId="74621" --> Word Count (4)  
 UserId="74621" --> Word Count (1)  
 UserId="74622" --> Word Count (171)  
 UserId="74622" --> Word Count (9)  
 UserId="74622" --> Word Count (1)  
 UserId="73546" --> Word Count (49)  
 UserId="73546" --> Word Count (7)  
 UserId="73546" --> Word Count (1)  
 UserId="21" --> Word Count (32)  
 UserId="64377" --> Word Count (123)  
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 UserId="29575" Comment="Remove extra commentary" --> Word Count (35)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (1)  
 UserId="29575" Comment="103" --> Word Count (2)  
 UserId="29575" Comment="104" --> Word Count (4)  
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 UserId="74630" --> Word Count (7)  
 UserId="74630" --> Word Count (1)  
 UserId="67328" Comment="Typo in title" --> Word Count (5)  
 UserId="70759" Comment="edited tags; edited title" --> Word Count (25)  
 UserId="70759" Comment="edited tags; edited title" --> Word Count (1)  
 UserId="71218" --> Word Count (82)  
 UserId="71218" --> Word Count (13)  
 UserId="71218" --> Word Count (1)  
 UserId="70674" --> Word Count (46)  
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 UserId="71218" --> Word Count (57)

UserId="74635" --> Word Count (21)  
 UserId="70759" Comment="deleted 1 character in body; edited title" --> Word Count (50)  
 UserId="70759" Comment="deleted 1 character in body; edited title" --> Word Count (25)  
 UserId="29575" Comment="Format Link" --> Word Count (27)  
 UserId="70759" Comment="deleted 1 character in body; edited title" --> Word Count (102)  
 UserId="74421" --> Word Count (88)  
 UserId="74294" --> Word Count (34)  
 UserId="74636" --> Word Count (141)  
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 UserId="74636" --> Word Count (1)  
 UserId="74294" --> Word Count (49)  
 UserId="74294" --> Word Count (5)  
 UserId="74294" --> Word Count (1)  
 UserId="74632" --> Word Count (125)  
 UserId="74421" --> Word Count (187)  
 UserId="74622" Comment="added 5 characters in body" --> Word Count (172)  
 UserId="61156" --> Word Count (33)  
 UserId="74640" --> Word Count (112)  
 UserId="74640" --> Word Count (5)  
 UserId="74640" --> Word Count (1)  
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 UserId="17916" --> Word Count (1)  
 UserId="50406" --> Word Count (152)  
 UserId="17916" Comment="added 14 characters in body" --> Word Count (126)  
 UserId="6550" --> Word Count (113)  
 UserId="6550" --> Word Count (6)  
 UserId="6550" --> Word Count (1)  
 UserId="6550" Comment="added 20 characters in body" --> Word Count (115)  
 UserId="69527" --> Word Count (184)  
 UserId="69019" --> Word Count (114)  
 UserId="69019" --> Word Count (6)  
 UserId="69019" --> Word Count (1)  
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 UserId="71896" --> Word Count (1)  
 UserId="46371" --> Word Count (44)  
 UserId="46371" --> Word Count (6)  
 UserId="46371" --> Word Count (1)  
 UserId="64088" Comment="added 167 characters in body" --> Word Count (240)  
 UserId="74647" --> Word Count (182)  
 UserId="53357" --> Word Count (168)  
 UserId="70082" --> Word Count (112)  
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UserId="69296" --> Word Count (63)  
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 UserId="69296" --> Word Count (1)  
 UserId="74649" --> Word Count (127)  
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 UserId="74649" --> Word Count (1)  
 UserId="71442" --> Word Count (169)  
 UserId="71326" --> Word Count (153)  
 UserId="74620" Comment="added 1020 characters in body" Text="First of all, thank you in advance for trying to answer my question. I will try to be as specific as possible.&#xD;&#xA;&#xD;&#xA;I was trying to use Orange 3.20 --> Word Count (176)  
 UserId="50406" --> Word Count (60)  
 UserId="50406" --> Word Count (3)  
 UserId="50406" --> Word Count (1)  
 UserId="74313" Text="\*\*Time-series analysis has two main goals:\*\*&#xD;&#xA;&#xD;&#xA;- To identifying the nature of the phenomenon represented by the sequence of observations, and &#xD;&#xA;- To forecast (predicting future values in time for a variable).&#xD;&#xA;&#xD;&#xA;\*\*NOTE: In this respect, models try to get pattern using historical values. Do not confuse here between forecasting (predicting future values) and prediction.\*\* &#xD;&#xA;&#xD;&#xA;For time-series prediction(forecasting) problems, \*\*the models (ARIMA, LSTM) try to extract trend, seasonality, and residual from the list of historical values\*\* e.g. price from 300 historical dates or time. Therefore, there is no need to look for dependent variables here.&#xD;&#xA;We must be clear, \*\*the time series forecasting algorithm extrapolate historical trend to near and far future.\*\* \*\*They do not predict target variable based on dependent variables.\*\* This is the main reason you will see time-series models only work with single variable who's historical data-points become input and future data points become target. &#xD;&#xA;&#xD;&#xA;\*\*Reference:\*\*&#xD;&#xA;&#xD;&#xA;1. <http://www.statsoft.com/> --> Word Count (1)  
 UserId="32669" --> Word Count (148)  
 UserId="50406" Comment="Titile update" --> Word Count (3)  
 UserId="50406" Comment="Corrected the question." --> Word Count (86)  
 UserId="29575" Comment="Add some paragraphs" --> Word Count (85)  
 UserId="45374" Comment="Edited for clarity" --> Word Count (110)  
 UserId="29575" Comment="Edited for clarity" --> Word Count (130)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (180)  
 UserId="29575" Comment="Remove extra commentary" Text="I am trying to use Orange 3.20 --> Word Count (179)  
 UserId="29575" --> Word Count (2)  
 UserId="74660" --> Word Count (235)  
 UserId="74660" --> Word Count (8)  
 UserId="74660" --> Word Count (1)  
 UserId="71442" --> Word Count (263)  
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 UserId="71442" --> Word Count (119)  
 UserId="74668" --> Word Count (84)  
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 UserId="74668" --> Word Count (13)  
 UserId="71442" --> Word Count (2630)  
 UserId="74660" Comment="edited title" --> Word Count (8)  
 UserId="74632" --> Word Count (43)  
 UserId="74632" --> Word Count (10)  
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 UserId="29157" --> Word Count (188)  
 UserId="29157" --> Word Count (5)  
 UserId="29157" --> Word Count (1)  
 UserId="73213" --> Word Count (39)  
 UserId="73213" --> Word Count (5)  
 UserId="73213" --> Word Count (1)  
 UserId="71218" Comment="added 2 characters in body" --> Word Count (39)  
 UserId="70082" --> Word Count (90)  
 UserId="70082" --> Word Count (10)  
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 UserId="1330" --> Word Count (101)  
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 UserId="69646" Comment="changed question a bit" --> Word Count (16)  
 UserId="71675" --> Word Count (161)  
 UserId="69646" Comment="posted new info" --> Word Count (667)  
 UserId="70297" --> Word Count (116)  
 UserId="70297" --> Word Count (7)  
 UserId="70297" --> Word Count (1)  
 UserId="71675" --> Word Count (94)  
 UserId="69646" Comment="posted new info" --> Word Count (722)

UserId="60379" Comment="Added few more screen shots" --> Word Count (80)  
UserId="71675" Comment="added 14 characters in body" --> Word Count (95)  
UserId="74678" --> Word Count (179)  
UserId="74678" --> Word Count (14)  
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UserId="74682" --> Word Count (21)  
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UserId="18703" --> Word Count (207)  
UserId="45264" --> Word Count (242)  
UserId="74065" --> Word Count (39)  
UserId="74065" --> Word Count (117)  
UserId="74689" --> Word Count (76)  
UserId="74689" --> Word Count (9)  
UserId="74689" --> Word Count (1)  
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UserId="74691" --> Word Count (11)  
UserId="74691" --> Word Count (1)  
UserId="74691" Comment="added 3 characters in body" --> Word Count (101)  
UserId="74421" --> Word Count (62)  
UserId="74421" --> Word Count (7)  
UserId="74421" --> Word Count (1)  
UserId="74680" Comment="added 236 characters in body" --> Word Count (108)  
UserId="70674" --> Word Count (70)  
UserId="70674" --> Word Count (16)  
UserId="70674" --> Word Count (1)  
UserId="39845" --> Word Count (81)  
UserId="71349" --> Word Count (103)  
UserId="71349" --> Word Count (11)  
UserId="71349" --> Word Count (1)  
UserId="74622" Comment="added 181 characters in body; edited title" --> Word Count (188)  
UserId="74622" Comment="added 181 characters in body; edited title" --> Word Count (8)  
UserId="74622" Comment="added 181 characters in body; edited title" --> Word Count (202)  
UserId="60894" --> Word Count (171)  
UserId="29575" Comment="Remove extra commentary" --> Word Count (163)  
UserId="40853" Comment="organised better" --> Word Count (112)

UserId="69646" Comment="deleted 3 characters in body" --> Word Count (722)  
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 UserId="74698" --> Word Count (22)  
 UserId="74698" --> Word Count (1)  
 UserId="74207" Comment="Added code as per comment" --> Word Count (722)  
 UserId="50146" --> Word Count (33)  
 UserId="50146" --> Word Count (138)  
 UserId="50146" --> Word Count (5)  
 UserId="50146" --> Word Count (1)  
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 UserId="42205" --> Word Count (1)  
 UserId="74593" --> Word Count (396)  
 UserId="74593" --> Word Count (6)  
 UserId="74593" --> Word Count (1)  
 UserId="74593" Comment="corrected code indentation." --> Word Count (563)  
 UserId="69646" Comment="deleted 58 characters in body" --> Word Count (706)  
 UserId="68023" --> Word Count (241)  
 UserId="74708" --> Word Count (403)  
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 UserId="63780" --> Word Count (8)  
 UserId="63780" --> Word Count (1)  
 UserId="74706" --> Word Count (43)  
 UserId="74512" --> Word Count (213)  
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 UserId="69822" --> Word Count (88)



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 UserId="16446" --> Word Count (8)  
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 UserId="74718" --> Word Count (1)  
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 UserId="74304" --> Word Count (7)  
 UserId="74304" --> Word Count (1)  
 UserId="74581" --> Word Count (67)  
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 UserId="70402" --> Word Count (17)  
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 UserId="45374" Comment="Edited for clarity" --> Word Count (39)  
 UserId="73907" --> Word Count (62)  
 UserId="73907" --> Word Count (8)  
 UserId="73907" --> Word Count (1)  
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 UserId="71218" --> Word Count (5)  
 UserId="71218" --> Word Count (1)  
 UserId="71218" Comment="Style correction" --> Word Count (87)  
 UserId="74319" --> Word Count (55)  
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 UserId="73851" Comment="tag and spell check" --> Word Count (11)  
 UserId="74040" Comment="added 55 characters in body" --> Word Count (283)  
 UserId="74040" Comment="added 58 characters in body" --> Word Count (292)  
 UserId="74724" --> Word Count (141)  
 UserId="74724" --> Word Count (7)  
 UserId="74724" --> Word Count (1)  
 UserId="52291" --> Word Count (95)  
 UserId="74727" --> Word Count (96)  
 UserId="74725" --> Word Count (128)  
 UserId="74725" --> Word Count (7)  
 UserId="74725" --> Word Count (1)  
 UserId="45374" Comment="Edited for clarity" --> Word Count (74)  
 UserId="45374" --> Word Count (96)  
 UserId="73851" Comment="tag and spell check" --> Word Count (57)  
 UserId="73851" Comment="tag and spell check" --> Word Count (3)  
 UserId="73851" Comment="tag and spell check" --> Word Count (1)

UserId="29575" Comment="tag and spell check" --> Word Count (56)  
 UserId="45374" Comment="Edited for clarity" --> Word Count (22)  
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 UserId="73930" --> Word Count (112)  
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (94)  
 UserId="74725" Comment="edited title" --> Word Count (10)  
 UserId="68023" --> Word Count (189)  
 UserId="73930" Comment="added 318 characters in body" --> Word Count (160)  
 UserId="74718" Comment="added 287 characters in body" --> Word Count (142)  
 UserId="68545" --> Word Count (125)  
 UserId="71442" --> Word Count (31)  
 UserId="71197" --> Word Count (78)  
 UserId="27768" --> Word Count (224)  
 UserId="27768" --> Word Count (13)  
 UserId="27768" --> Word Count (1)  
 UserId="23910" Comment="improved language a bit" --> Word Count (33)  
 UserId="23910" Comment="improved language a bit" --> Word Count (11)  
 UserId="70862" --> Word Count (1767)  
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 UserId="49700" Comment="edited body" --> Word Count (580)  
 UserId="65323" --> Word Count (139)  
 UserId="29575" Comment="Minor formatting / grammar" --> Word Count (78)  
 UserId="74724" --> Word Count (147)  
 UserId="74724" --> Word Count (9)  
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 UserId="68367" --> Word Count (47)  
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 UserId="45374" Comment="Edited for clarity" --> Word Count (114)  
 UserId="23910" Comment="made the title more specific (as a question) and improved layout a bit" --> Word Count (77)  
 UserId="23910" Comment="made the title more specific (as a question) and improved layout a bit" --> Word Count (9)  
 UserId="39845" --> Word Count (209)  
 UserId="70862" Comment="deleted 88 characters in body" --> Word Count (1791)  
 UserId="69646" --> Word Count (167)  
 UserId="73441" --> Word Count (69)  
 UserId="69646" --> Word Count (48)  
 UserId="43077" --> Word Count (8)  
 UserId="65225" Comment="added 2 characters in body" --> Word Count (160)  
 UserId="74745" --> Word Count (148)  
 UserId="74743" --> Word Count (55)

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 UserId="74743" --> Word Count (1)  
 UserId="38892" --> Word Count (158)  
 UserId="38892" Comment="added 232 characters in body" --> Word Count (148)  
 UserId="5268" --> Word Count (594)  
 UserId="74748" --> Word Count (557)  
 UserId="74748" --> Word Count (10)  
 UserId="74748" --> Word Count (1)  
 UserId="5268" Comment="added 527 characters in body" --> Word Count (680)  
 UserId="74754" --> Word Count (77)  
 UserId="74754" --> Word Count (5)  
 UserId="74754" --> Word Count (1)  
 UserId="23910" Comment="streamlined a bit" --> Word Count (38)  
 UserId="23910" Comment="streamlined a bit" --> Word Count (7)  
 UserId="73821" Comment="added 236 characters in body" --> Word Count (42)  
 UserId="74738" --> Word Count (137)  
 UserId="74738" --> Word Count (11)  
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 UserId="73751" --> Word Count (220)  
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 UserId="23305" Comment="deleted 30 characters in body" --> Word Count (74)  
 UserId="23305" Comment="fix formatting to display link" --> Word Count (555)  
 UserId="74719" Comment="edited tags" --> Word Count (1)  
 UserId="74719" Comment="edited title" --> Word Count (19)  
 UserId="10814" --> Word Count (211)  
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 UserId="10814" Comment="edited body" --> Word Count (211)  
 UserId="10814" Comment="Added how to get additional inner layers." --> Word Count (296)  
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 UserId="74760" --> Word Count (18)  
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 UserId="74421" --> Word Count (179)  
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 UserId="74421" Comment="edited title" --> Word Count (9)  
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 UserId="38892" Comment="edited body" --> Word Count (158)  
 UserId="71219" Comment="added 3 characters in body" --> Word Count (263)  
 UserId="74762" --> Word Count (162)  
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 UserId="29575" Comment="Format code" --> Word Count (149)  
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 UserId="29575" Comment="104" --> Word Count (4)  
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 UserId="73441" --> Word Count (1)  
 UserId="56702" Comment="added my new result, changed to more specific questions"  
 --> Word Count (1344)  
 UserId="56702" Comment="added my new result, changed to more specific questions"  
 --> Word Count (9)  
 UserId="55122" Comment="fix title, &quot;ordinal&quot; rather than  
 &quot;ordinary&quot;" --> Word Count (5)  
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 UserId="-1" Comment="grammar fixes" --> Word Count (13)  
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 UserId="62749" --> Word Count (48)  
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 UserId="62749" --> Word Count (1)  
 UserId="70900" Comment="grammar change" --> Word Count (179)  
 UserId="73851" Comment="added unbalanced split" --> Word Count (26)  
 UserId="68694" --> Word Count (5713)  
 UserId="68694" --> Word Count (11)  
 UserId="68694" --> Word Count (1)  
 UserId="43077" Comment="deleted 6 characters in body" --> Word Count (25)  
 UserId="68694" Comment="added 104 characters in body" --> Word Count (5733)  
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 UserId="1330" --> Word Count (74)  
 UserId="74794" --> Word Count (460)  
 UserId="38892" --> Word Count (59)  
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 UserId="23305" Comment="deleted 11 characters in body; edited tags" --> Word Count (72)  
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 --> Word Count (767)  
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 Count (237)  
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 Count (7)  
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 UserId="74421" Comment="added language identifier" --> Word Count (58)  
 UserId="74421" Comment="added 106 characters in body" --> Word Count (72)  
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 UserId="73650" Comment="added 449 characters in body; added 104 characters in body; deleted 17 characters in body" --> Word Count (327)  
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 UserId="71861" --> Word Count (1)

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UserId="74937" --> Word Count (15)
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--> Word Count (131)
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UserId="10814" --> Word Count (713)  
 UserId="10814" Comment="added 69 characters in body" --> Word Count (729)  
 UserId="17959" --> Word Count (47)  
 UserId="74955" --> Word Count (124)  
 UserId="74592" --> Word Count (156)  
 UserId="74592" --> Word Count (7)  
 UserId="74592" --> Word Count (1)  
 UserId="18661" --> Word Count (95)  
 UserId="18661" Comment="added 256 characters in body" --> Word Count (138)  
 UserId="29169" Comment="minor edits" --> Word Count (465)  
 UserId="29169" Comment="minor edits" --> Word Count (5)  
 UserId="29575" Comment="minor edits" --> Word Count (448)  
 UserId="29169" Comment="formatting changes" --> Word Count (101)  
 UserId="29575" Comment="formatting changes" --> Word Count (101)  
 UserId="37046" --> Word Count (298)  
 UserId="53648" --> Word Count (836)  
 UserId="53648" --> Word Count (13)  
 UserId="53648" --> Word Count (1)  
 UserId="53648" Comment="added 32 characters in body" --> Word Count (844)  
 UserId="53648" Comment="deleted 179 characters in body" --> Word Count (842)  
 UserId="29169" Comment="readability edits" --> Word Count (585)  
 UserId="29169" Comment="readability edits" --> Word Count (3)  
 UserId="67726" Comment="added 40 characters in body" --> Word Count (596)  
 UserId="29169" Comment="clarity, readability, etc." --> Word Count (129)  
 UserId="29169" Comment="formatting edits" --> Word Count (204)  
 UserId="29169" Comment="minor edits" --> Word Count (48)  
 UserId="29169" Comment="minor edits" --> Word Count (1)  
 UserId="29169" Comment="minor edits" --> Word Count (63)  
 UserId="29169" Comment="minor edits" --> Word Count (5)  
 UserId="924" --> Word Count (24)  
 UserId="74960" --> Word Count (72)  
 UserId="71442" --> Word Count (344)  
 UserId="74727" --> Word Count (13)  
 UserId="60710" Comment="added 3 characters in body" --> Word Count (191)  
 UserId="53648" Comment="added 1 character in body" --> Word Count (842)  
 UserId="74727" --> Word Count (47)  
 UserId="74966" --> Word Count (233)  
 UserId="74966" --> Word Count (21)  
 UserId="74966" --> Word Count (1)  
 UserId="52291" --> Word Count (32)  
 UserId="52291" Comment="Shortened link" --> Word Count (40)  
 UserId="10814" Comment="Removed `import numpy` as not needed." --> Word Count (722)  
 UserId="58006" --> Word Count (87)  
 UserId="58006" --> Word Count (9)  
 UserId="58006" --> Word Count (1)  
 UserId="61445" --> Word Count (190)  
 UserId="61445" --> Word Count (4)

UserId="61445" --> Word Count (1)  
 UserId="67300" --> Word Count (96)  
 UserId="52291" Comment="Wording" --> Word Count (40)  
 UserId="74980" --> Word Count (131)  
 UserId="74980" --> Word Count (11)  
 UserId="74980" --> Word Count (1)  
 UserId="74982" --> Word Count (256)  
 UserId="74982" --> Word Count (8)  
 UserId="74982" --> Word Count (1)  
 UserId="44139" --> Word Count (55)  
 UserId="50881" --> Word Count (311)  
 UserId="50881" --> Word Count (13)  
 UserId="50881" --> Word Count (1)  
 UserId="56760" --> Word Count (164)  
 UserId="56760" --> Word Count (8)  
 UserId="56760" --> Word Count (1)  
 UserId="74972" --> Word Count (418)  
 UserId="74972" --> Word Count (11)  
 UserId="74972" --> Word Count (1)  
 UserId="74985" --> Word Count (277)  
 UserId="74985" --> Word Count (13)  
 UserId="74985" --> Word Count (1)  
 UserId="74989" --> Word Count (58)  
 UserId="74989" --> Word Count (10)  
 UserId="74989" --> Word Count (1)  
 UserId="52291" Comment="Some grammar" --> Word Count (105)  
 UserId="67300" Comment="english grammar fixes added, should not trust google translator, suspicious" --> Word Count (109)  
 UserId="29575" Comment="Minor grammar" --> Word Count (13)  
 UserId="29575" Comment="Minor grammar" --> Word Count (58)  
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (240)  
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (6)  
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (260)  
 UserId="50406" --> Word Count (54)  
 UserId="50406" --> Word Count (5)  
 UserId="50406" --> Word Count (1)  
 UserId="71219" --> Word Count (120)  
 UserId="67300" Comment="last minute call" --> Word Count (140)  
 UserId="14675" Comment="added 245 characters in body" --> Word Count (153)  
 UserId="74906" --> Word Count (41)  
 UserId="74906" --> Word Count (4)  
 UserId="74906" --> Word Count (1)  
 UserId="74976" Text="I have read the paper &quot;Learning to Read by Spelling&quot; by Gutpa et al.&#xD;&#xA;&#xD;&#xA;  
<https://arxiv.org/abs/1809.08675&#xD;&#xA;>They present a method for visual text  
 recognition without using any paired supervisory data.&#xD;&#xA;In chapter 4  
 they describe how to implement their method.&#xD;&#xA;&#xD;&#xA;Now comes the  
 part I didn't quite understand for the ( --> Word Count (108)



UserId="74976" --> Word Count (5)  
 UserId="74976" --> Word Count (1)  
 UserId="71442" --> Word Count (1382)  
 UserId="53357" Comment="Corrected hyperlink syntax." Text="I have read the paper  
 &quot;[Learning to Read by Spelling][1]&quot; by Gutpa et  
 al.&#xD;&#xA;&#xD;&#xA; &#xD;&#xA;They present a method for visual text  
 recognition without using any paired supervisory data.&#xD;&#xA;In chapter 4  
 they describe how to implement their method.&#xD;&#xA;&#xD;&#xA;Now comes the  
 part I didn't quite understand for the ( --> Word Count (111)  
 UserId="45264" --> Word Count (327)  
 UserId="45264" Comment="Added list version of function" --> Word Count (487)  
 UserId="39664" --> Word Count (158)  
 UserId="39664" --> Word Count (8)  
 UserId="39664" --> Word Count (1)  
 UserId="74855" --> Word Count (96)  
 UserId="74855" --> Word Count (9)  
 UserId="74855" --> Word Count (1)  
 UserId="56354" --> Word Count (20)  
 UserId="75003" --> Word Count (136)  
 UserId="75003" Text=" --> Word Count (4)  
 UserId="75003" --> Word Count (1)  
 UserId="74631" --> Word Count (184)  
 UserId="74631" --> Word Count (10)  
 UserId="74631" --> Word Count (1)  
 UserId="75010" --> Word Count (122)  
 UserId="75010" --> Word Count (8)  
 UserId="75010" --> Word Count (1)  
 UserId="49375" --> Word Count (51)  
 UserId="75012" --> Word Count (170)  
 UserId="75012" --> Word Count (18)  
 UserId="75012" --> Word Count (1)  
 UserId="554" --> Word Count (45)  
 UserId="554" --> Word Count (14)  
 UserId="554" --> Word Count (1)  
 UserId="75017" --> Word Count (33)  
 UserId="75017" --> Word Count (15)  
 UserId="75017" --> Word Count (1)  
 UserId="29169" Comment="formatting changes" --> Word Count (92)  
 UserId="39963" --> Word Count (72)  
 UserId="75015" --> Word Count (102)  
 UserId="75015" --> Word Count (16)  
 UserId="75015" --> Word Count (1)  
 UserId="74631" Comment="added 21 characters in body" --> Word Count (186)  
 UserId="75015" Comment="added 12 characters in body" --> Word Count (104)  
 UserId="75002" Comment="Quote was formatted as code" --> Word Count (99)  
 UserId="29169" Comment="minor edits" --> Word Count (123)  
 UserId="8501" Comment="improve clarity" --> Word Count (317)  
 UserId="29169" Comment="formatting changes" Text="I have read the paper

"Learning to Read by Spelling"[1]" by Gutpa et  
 al.&#xD;&#xA;&#xD;&#xA; &#xD;&#xA;They present a method for visual text  
 recognition without using any paired supervisory data.&#xD;&#xA;In chapter 4  
 they describe how to implement their method.&#xD;&#xA;&#xD;&#xA;Now comes the  
 part I didn't quite understand for the ( --> Word Count (112)  
 UserId="29169" Comment="minor edits" --> Word Count (168)  
 UserId="23305" Comment="102" --> Word Count (2)  
 UserId="71442" --> Word Count (55)  
 UserId="74895" --> Word Count (326)  
 UserId="74895" --> Word Count (9)  
 UserId="74895" --> Word Count (1)  
 UserId="75015" Comment="added 232 characters in body" --> Word Count (143)  
 UserId="71442" --> Word Count (36)  
 UserId="29169" Comment="deleted 6 characters in body" --> Word Count (73)  
 UserId="47022" --> Word Count (75)  
 UserId="64377" --> Word Count (289)  
 UserId="74895" Comment="Added request for course/textbook recommendations in  
 lieu of directly answering the questions." --> Word Count (355)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (65)  
 UserId="29169" Comment="minor edits" --> Word Count (65)  
 UserId="29169" Comment="minor edits" --> Word Count (12)  
 UserId="74895" Comment="Simplified question" --> Word Count (66)  
 UserId="75025" --> Word Count (70)  
 UserId="75025" --> Word Count (9)  
 UserId="75025" --> Word Count (1)  
 UserId="74895" --> Word Count (88)  
 UserId="74895" --> Word Count (6)  
 UserId="74895" --> Word Count (1)  
 UserId="75028" --> Word Count (404)  
 UserId="75028" --> Word Count (9)  
 UserId="75028" --> Word Count (1)  
 UserId="29169" Comment="minor edits" --> Word Count (90)  
 UserId="73785" --> Word Count (130)  
 UserId="73785" --> Word Count (5)  
 UserId="73785" --> Word Count (1)  
 UserId="45264" Comment="Formatting" --> Word Count (359)  
 UserId="45264" Comment="Formatting" --> Word Count (9)  
 UserId="45264" --> Word Count (471)  
 UserId="45264" Comment="Adjusted after comment from OP." --> Word Count (529)  
 UserId="62599" --> Word Count (27)  
 UserId="62599" --> Word Count (8)  
 UserId="62599" --> Word Count (1)  
 UserId="29169" Comment="added 16 characters in body" --> Word Count (76)  
 UserId="50146" Comment="edited body" --> Word Count (196)  
 UserId="50146" Comment="deleted 1 character in body" --> Word Count (139)  
 UserId="53648" --> Word Count (302)  
 UserId="53648" Comment="added 5 characters in body" --> Word Count (842)  
 UserId="74779" --> Word Count (119)

UserId="74779" --> Word Count (9)  
 UserId="74779" --> Word Count (1)  
 UserId="29169" Comment="minor edits for clarity" --> Word Count (148)  
 UserId="29169" Comment="minor edits for clarity" --> Word Count (19)  
 UserId="53357" Comment="Correcte Latex equation." --> Word Count (66)  
 UserId="29575" Comment="Correcte Latex equation." --> Word Count (62)  
 UserId="924" --> Word Count (33)  
 UserId="924" --> Word Count (61)  
 UserId="50519" Comment="added 40 characters in body" --> Word Count (55)  
 UserId="74937" --> Word Count (87)  
 UserId="74937" --> Word Count (12)  
 UserId="74937" --> Word Count (1)  
 UserId="75044" --> Word Count (75)  
 UserId="75044" --> Word Count (4)  
 UserId="75044" --> Word Count (1)  
 UserId="53648" Comment="added 4 characters in body" --> Word Count (302)  
 UserId="44139" --> Word Count (285)  
 UserId="74989" Comment="edited title" --> Word Count (10)  
 UserId="74261" --> Word Count (28)  
 UserId="74261" --> Word Count (8)  
 UserId="74261" --> Word Count (1)  
 UserId="74261" Comment="added 146 characters in body" --> Word Count (54)  
 UserId="39963" --> Word Count (22)  
 UserId="74246" --> Word Count (53)  
 UserId="74246" --> Word Count (5)  
 UserId="74246" --> Word Count (1)  
 UserId="31557" --> Word Count (165)  
 UserId="74261" Comment="added 484 characters in body" --> Word Count (182)  
 UserId="75051" --> Word Count (48)  
 UserId="75051" --> Word Count (11)  
 UserId="75051" --> Word Count (1)  
 UserId="3436" --> Word Count (32)  
 UserId="3436" --> Word Count (13)  
 UserId="3436" --> Word Count (1)  
 UserId="73209" --> Word Count (68)  
 UserId="73209" --> Word Count (10)  
 UserId="73209" --> Word Count (1)  
 UserId="75056" --> Word Count (83)  
 UserId="74727" --> Word Count (64)  
 UserId="44139" --> Word Count (231)  
 UserId="63906" --> Word Count (68)  
 UserId="75064" --> Word Count (29)  
 UserId="75064" --> Word Count (3)  
 UserId="75064" --> Word Count (1)  
 UserId="75055" --> Word Count (151)  
 UserId="75055" --> Word Count (22)  
 UserId="75055" --> Word Count (1)  
 UserId="75059" --> Word Count (128)

UserId="75059" --> Word Count (8)  
 UserId="75059" --> Word Count (1)  
 UserId="63906" Comment="Remove the import re" --> Word Count (63)  
 UserId="56748" Text="I'm doing a small POC in which I've trained my Machine Learning model (Naive Bayes) and is saved in &quot;.pkl&quot; (pickle) format. Now my next task is to develop a web application which asks the user to enter the Text for the --> Word Count (134)  
 UserId="56748" --> Word Count (6)  
 UserId="56748" --> Word Count (1)  
 UserId="75071" --> Word Count (251)  
 UserId="75071" --> Word Count (9)  
 UserId="75071" --> Word Count (1)  
 UserId="45264" --> Word Count (151)  
 UserId="75075" --> Word Count (116)  
 UserId="38091" --> Word Count (39)  
 UserId="38091" --> Word Count (7)  
 UserId="38091" --> Word Count (1)  
 UserId="45374" Comment="Edit format and grammar" --> Word Count (127)  
 UserId="29575" Comment="Minor formatting" --> Word Count (110)  
 UserId="29575" Comment="Minor formatting" --> Word Count (110)  
 UserId="29169" Comment="code formatting" --> Word Count (163)  
 UserId="54565" --> Word Count (143)  
 UserId="29169" Comment="minore edits" --> Word Count (322)  
 UserId="29169" Comment="minore edits" --> Word Count (8)  
 UserId="29169" Comment="minore edits" --> Word Count (1)  
 UserId="69822" Comment="rephrasing , corrected spelling" --> Word Count (88)  
 UserId="29169" Comment="minor edits" --> Word Count (69)  
 UserId="29575" Comment="Minor grammar" --> Word Count (65)  
 UserId="73645" --> Word Count (159)  
 UserId="73645" --> Word Count (16)  
 UserId="73645" --> Word Count (1)  
 UserId="29169" --> Word Count (18)  
 UserId="75088" --> Word Count (91)  
 UserId="75088" --> Word Count (11)  
 UserId="75088" --> Word Count (1)  
 UserId="75089" --> Word Count (225)  
 UserId="75089" --> Word Count (6)  
 UserId="75089" --> Word Count (1)  
 UserId="29169" --> Word Count (83)  
 UserId="75090" --> Word Count (139)  
 UserId="75090" --> Word Count (5)  
 UserId="75090" --> Word Count (1)  
 UserId="75091" --> Word Count (14)  
 UserId="39664" --> Word Count (457)  
 UserId="39664" --> Word Count (8)  
 UserId="39664" --> Word Count (1)  
 UserId="29169" --> Word Count (31)  
 UserId="29169" Comment="deleted 3 characters in body" --> Word Count (177)

UserId="29169" Comment="minor edits" --> Word Count (456)  
 UserId="75087" --> Word Count (99)  
 UserId="75087" --> Word Count (8)  
 UserId="75087" --> Word Count (1)  
 UserId="29575" Comment="Format link" --> Word Count (17)  
 UserId="39664" Comment="changed column name in the last code to match with the  
 previously mentioned output" --> Word Count (182)  
 UserId="29169" Comment="minor edits" --> Word Count (82)  
 UserId="52291" Comment="Removed some caps" --> Word Count (82)  
 UserId="29169" Comment="minor edits" --> Word Count (30)  
 UserId="74631" Comment="added 1 character in body" --> Word Count (186)  
 UserId="75096" --> Word Count (302)  
 UserId="75096" --> Word Count (20)  
 UserId="75096" --> Word Count (1)  
 UserId="35679" --> Word Count (114)  
 UserId="70980" --> Word Count (77)  
 UserId="70980" --> Word Count (14)  
 UserId="70980" --> Word Count (1)  
 UserId="52291" --> Word Count (14)  
 UserId="75102" --> Word Count (139)  
 UserId="75102" --> Word Count (6)  
 UserId="75102" --> Word Count (1)  
 UserId="73209" --> Word Count (43)  
 UserId="52291" Comment="More info and link" --> Word Count (68)  
 UserId="2459" Comment="Add answer in case content has to be analyzed " --> Word  
 Count (90)  
 UserId="52291" Comment="Added source and restructured" --> Word Count (104)  
 UserId="75104" --> Word Count (166)  
 UserId="75104" --> Word Count (14)  
 UserId="75104" --> Word Count (1)  
 UserId="75087" Comment="added 71 characters in body" --> Word Count (110)  
 UserId="74735" --> Word Count (792)  
 UserId="66177" --> Word Count (90)  
 UserId="75107" --> Word Count (55)  
 UserId="58083" --> Word Count (719)  
 UserId="58083" --> Word Count (3)  
 UserId="58083" --> Word Count (1)  
 UserId="55122" --> Word Count (179)  
 UserId="71219" --> Word Count (259)  
 UserId="75115" --> Word Count (25)  
 UserId="75115" Comment="added 91 characters in body" --> Word Count (43)  
 UserId="58083" Comment="added 599 characters in body" --> Word Count (873)  
 UserId="66974" --> Word Count (454)  
 UserId="66974" --> Word Count (13)  
 UserId="66974" --> Word Count (1)  
 UserId="75119" --> Word Count (275)  
 UserId="75119" --> Word Count (3)  
 UserId="75119" --> Word Count (1)

UserId="75120" --> Word Count (111)  
 UserId="75120" --> Word Count (8)  
 UserId="75120" --> Word Count (1)  
 UserId="71442" --> Word Count (127)  
 UserId="74929" --> Word Count (75)  
 UserId="74929" --> Word Count (15)  
 UserId="74929" --> Word Count (1)  
 UserId="71219" Comment="added 19 characters in body" --> Word Count (262)  
 UserId="75123" --> Word Count (139)  
 UserId="75123" Comment="added 169 characters in body" --> Word Count (163)  
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (163)  
 UserId="71219" Comment="added 6 characters in body" --> Word Count (263)  
 UserId="67012" --> Word Count (257)  
 UserId="67012" --> Word Count (13)  
 UserId="67012" --> Word Count (1)  
 UserId="74421" Comment="added backticks, etc." --> Word Count (49)  
 UserId="74421" Comment="added backticks, etc." --> Word Count (11)  
 UserId="29575" Comment="Minor grammar" --> Word Count (50)  
 UserId="29575" Comment="Minor grammar" --> Word Count (10)  
 UserId="74735" Comment="Cleared up the bulky paragraph - fixed a minor typo"  
 --> Word Count (69)  
 UserId="68545" Comment="Added a note" --> Word Count (33)  
 UserId="29575" Comment="Added a note" --> Word Count (30)  
 UserId="75124" --> Word Count (352)  
 UserId="75124" --> Word Count (6)  
 UserId="75124" --> Word Count (1)  
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (152)  
 UserId="73724" --> Word Count (120)  
 UserId="73724" --> Word Count (22)  
 UserId="73724" --> Word Count (1)  
 UserId="75098" --> Word Count (125)  
 UserId="75098" --> Word Count (8)  
 UserId="75098" --> Word Count (1)  
 UserId="55122" --> Word Count (97)  
 UserId="75098" Comment="A doubt" --> Word Count (138)  
 UserId="74421" --> Word Count (54)  
 UserId="1105" --> Word Count (1023)  
 UserId="71219" Comment="edited body" --> Word Count (263)  
 UserId="71219" Comment="deleted 3 characters in body" --> Word Count (263)  
 UserId="8013" --> Word Count (56)  
 UserId="8013" --> Word Count (13)  
 UserId="8013" --> Word Count (1)  
 UserId="60690" --> Word Count (70)  
 UserId="60690" --> Word Count (11)  
 UserId="60690" --> Word Count (1)  
 UserId="38091" Comment="added 265 characters in body" --> Word Count (92)  
 UserId="15992" --> Word Count (123)  
 UserId="15992" --> Word Count (7)

UserId="15992" --> Word Count (1)  
 UserId="52291" --> Word Count (90)  
 UserId="52291" Comment="Explained a bit more" --> Word Count (136)  
 UserId="39963" --> Word Count (29)  
 UserId="50828" --> Word Count (97)  
 UserId="50828" --> Word Count (15)  
 UserId="50828" --> Word Count (1)  
 UserId="52291" Comment="Fixed error in image" --> Word Count (136)  
 UserId="52291" Comment="More consise" --> Word Count (128)  
 UserId="68669" --> Word Count (173)  
 UserId="68669" --> Word Count (12)  
 UserId="68669" --> Word Count (1)  
 UserId="66192" --> Word Count (119)  
 UserId="66192" --> Word Count (6)  
 UserId="66192" --> Word Count (1)  
 UserId="75132" --> Word Count (83)  
 UserId="75132" --> Word Count (3)  
 UserId="75132" --> Word Count (1)  
 UserId="75115" Comment="added 3 characters in body" --> Word Count (44)  
 UserId="75138" --> Word Count (65)  
 UserId="49017" --> Word Count (118)  
 UserId="49017" --> Word Count (8)  
 UserId="49017" --> Word Count (1)  
 UserId="74577" --> Word Count (571)  
 UserId="74577" --> Word Count (9)  
 UserId="74577" --> Word Count (1)  
 UserId="25040" --> Word Count (84)  
 UserId="25040" --> Word Count (5)  
 UserId="25040" --> Word Count (1)  
 UserId="49017" --> Word Count (288)  
 UserId="74140" --> Word Count (615)  
 UserId="74140" --> Word Count (11)  
 UserId="74140" --> Word Count (1)  
 UserId="52291" --> Word Count (17)  
 UserId="52291" Comment="Used np array" --> Word Count (17)  
 UserId="52291" Comment="Explained shape" --> Word Count (43)  
 UserId="52291" Comment="Grammar" --> Word Count (43)  
 UserId="25040" --> Word Count (68)  
 UserId="65131" --> Word Count (39)  
 UserId="65131" --> Word Count (8)  
 UserId="65131" --> Word Count (1)  
 UserId="66177" --> Word Count (20)  
 UserId="66177" --> Word Count (6)  
 UserId="66177" --> Word Count (1)  
 UserId="29575" Comment="Minor formatting" --> Word Count (20)  
 UserId="75096" Comment="added 534 characters in body" --> Word Count (400)  
 UserId="75152" --> Word Count (279)  
 UserId="75152" --> Word Count (497)

UserId="52291" Comment="Wording" --> Word Count (128)  
 UserId="1330" Comment="added 390 characters in body" --> Word Count (153)  
 UserId="65409" --> Word Count (106)  
 UserId="75157" --> Word Count (129)  
 UserId="75157" --> Word Count (3)  
 UserId="75157" --> Word Count (1)  
 UserId="29169" Comment="grammar corrections etc." --> Word Count (52)  
 UserId="29169" Comment="grammar corrections etc." --> Word Count (7)  
 UserId="29169" Comment="Formatting corrections" --> Word Count (214)  
 UserId="29169" Comment="minor edits" --> Word Count (180)  
 UserId="29169" Comment="minor changes" --> Word Count (141)  
 UserId="39963" --> Word Count (103)  
 UserId="75158" --> Word Count (335)  
 UserId="75158" --> Word Count (4)  
 UserId="75158" --> Word Count (1)  
 UserId="71654" --> Word Count (975)  
 UserId="71654" --> Word Count (8)  
 UserId="71654" --> Word Count (1)  
 UserId="64377" --> Word Count (124)  
 UserId="45610" --> Word Count (208)  
 UserId="45610" --> Word Count (5)  
 UserId="45610" --> Word Count (1)  
 UserId="51467" --> Word Count (110)  
 UserId="45610" --> Word Count (242)  
 UserId="45610" --> Word Count (11)  
 UserId="45610" --> Word Count (1)  
 UserId="74735" --> Word Count (887)  
 UserId="45610" Comment="added 281 characters in body" --> Word Count (288)  
 UserId="75166" --> Word Count (288)  
 UserId="75166" --> Word Count (8)  
 UserId="75166" --> Word Count (1)  
 UserId="64377" --> Word Count (355)  
 UserId="45610" --> Word Count (95)  
 UserId="45610" --> Word Count (7)  
 UserId="45610" --> Word Count (1)  
 UserId="64377" --> Word Count (125)  
 UserId="75169" --> Word Count (56)  
 UserId="75169" --> Word Count (8)  
 UserId="75169" --> Word Count (1)  
 UserId="71442" --> Word Count (56)  
 UserId="75170" --> Word Count (82)  
 UserId="29169" Comment="added 9 characters in body" --> Word Count (57)  
 UserId="71442" --> Word Count (47)  
 UserId="74533" --> Word Count (107)  
 UserId="74533" --> Word Count (4)  
 UserId="74533" --> Word Count (1)  
 UserId="70509" --> Word Count (104)  
 UserId="70509" --> Word Count (21)



UserId="70509" --> Word Count (1)  
 UserId="75172" --> Word Count (289)  
 UserId="75172" --> Word Count (5)  
 UserId="75172" --> Word Count (1)  
 UserId="74735" --> Word Count (754)  
 UserId="74735" Comment="split the big paragraph to make it easier to read" -->  
 Word Count (119)  
 UserId="29169" Comment="code formatting etc." --> Word Count (270)  
 UserId="29169" Comment="title edit etc." --> Word Count (64)  
 UserId="29169" Comment="title edit etc." --> Word Count (9)  
 UserId="29169" Comment="title edit etc." --> Word Count (1)  
 UserId="29169" Comment="minor edits" --> Word Count (90)  
 UserId="29169" Comment="minor edits" --> Word Count (61)  
 UserId="23305" Comment="104" --> Word Count (1)  
 UserId="23305" Comment="102" --> Word Count (1)  
 UserId="23305" --> Word Count (1)  
 UserId="23305" Comment="edited tags" --> Word Count (1)  
 UserId="74735" Comment="added 342 characters in body" --> Word Count (812)  
 UserId="71442" --> Word Count (18)  
 UserId="29575" Comment="Minor grammar" --> Word Count (83)  
 UserId="71442" --> Word Count (120)  
 UserId="75177" --> Word Count (37)  
 UserId="75177" --> Word Count (3)  
 UserId="75177" --> Word Count (1)  
 UserId="2459" --> Word Count (52)  
 UserId="71442" Comment="added 56 characters in body" --> Word Count (129)  
 UserId="75178" --> Word Count (397)  
 UserId="75178" --> Word Count (10)  
 UserId="75178" --> Word Count (1)  
 UserId="18040" --> Word Count (51)  
 UserId="18040" --> Word Count (7)  
 UserId="18040" --> Word Count (1)  
 UserId="74735" Comment="just got pointed out by a friend about typos" --> Word  
 Count (819)  
 UserId="18040" Comment="deleted 10 characters in body" --> Word Count (49)  
 UserId="75178" Comment="added 3 characters in body" --> Word Count (400)  
 UserId="75181" --> Word Count (93)  
 UserId="75181" Text=" --> Word Count (6)  
 UserId="75181" --> Word Count (1)  
 UserId="74421" --> Word Count (196)  
 UserId="74421" --> Word Count (11)  
 UserId="74421" --> Word Count (1)  
 UserId="73907" --> Word Count (131)  
 UserId="73907" --> Word Count (9)  
 UserId="73907" --> Word Count (1)  
 UserId="29575" Comment="Minor formatting" --> Word Count (37)  
 UserId="29575" Comment="Minor formatting" --> Word Count (3)  
 UserId="68023" --> Word Count (272)

UserId="29169" Comment="clarity edits" --> Word Count (136)  
 UserId="74421" Comment="added 2 characters in body" --> Word Count (196)  
 UserId="74467" --> Word Count (653)  
 UserId="74467" --> Word Count (15)  
 UserId="74467" --> Word Count (1)  
 UserId="75025" --> Word Count (49)  
 UserId="75025" --> Word Count (7)  
 UserId="75025" --> Word Count (1)  
 UserId="50828" --> Word Count (174)  
 UserId="50828" --> Word Count (10)  
 UserId="50828" --> Word Count (1)  
 UserId="73441" --> Word Count (72)  
 UserId="74246" Comment="edited tags" --> Word Count (1)  
 UserId="74246" Comment="edited tags" --> Word Count (1)  
 UserId="74246" Comment="edited tags" --> Word Count (1)  
 UserId="75147" --> Word Count (64)  
 UserId="75147" --> Word Count (16)  
 UserId="75147" --> Word Count (1)  
 UserId="61883" --> Word Count (86)  
 UserId="61883" --> Word Count (5)  
 UserId="61883" --> Word Count (1)  
 UserId="50406" --> Word Count (79)  
 UserId="50406" --> Word Count (6)  
 UserId="50406" --> Word Count (1)  
 UserId="74246" --> Word Count (69)  
 UserId="74246" Comment="edited tags" --> Word Count (1)  
 UserId="74246" Comment="edited tags" --> Word Count (5)  
 UserId="-1" Comment="Added details to the data" --> Word Count (131)  
 UserId="61883" Comment="Added image" --> Word Count (137)  
 UserId="74246" Comment="edited tags" --> Word Count (1)  
 UserId="45610" Comment="edited title" --> Word Count (5)  
 UserId="43077" Comment="added 742 characters in body" --> Word Count (634)  
 UserId="70614" Text="I started using gensim's Fast --> Word Count (178)  
 UserId="70614" --> Word Count (13)  
 UserId="70614" --> Word Count (1)  
 UserId="71442" --> Word Count (109)  
 UserId="71442" Comment="added 150 characters in body" --> Word Count (140)  
 UserId="75197" --> Word Count (339)  
 UserId="75197" --> Word Count (11)  
 UserId="75197" --> Word Count (1)  
 UserId="75198" --> Word Count (53)  
 UserId="75198" --> Word Count (12)  
 UserId="75198" --> Word Count (1)  
 UserId="38091" --> Word Count (102)  
 UserId="38091" --> Word Count (8)  
 UserId="38091" --> Word Count (1)  
 UserId="75199" --> Word Count (86)  
 UserId="75199" --> Word Count (4)

UserId="75199" --> Word Count (1)  
UserId="38091" Comment="added 155 characters in body" --> Word Count (126)  
UserId="52291" --> Word Count (35)  
UserId="38091" Comment="added 76 characters in body" --> Word Count (135)  
UserId="52291" Comment="Added some extra code for key-value" --> Word Count (65)  
UserId="26230" --> Word Count (47)  
UserId="52291" Comment="word" --> Word Count (65)  
UserId="73393" --> Word Count (107)  
UserId="73393" --> Word Count (3)  
UserId="73393" --> Word Count (1)  
UserId="75202" --> Word Count (189)  
UserId="75202" --> Word Count (10)  
UserId="75202" --> Word Count (1)  
UserId="38892" Comment="edited body" --> Word Count (47)  
UserId="52291" Comment="Trying to understand comment" --> Word Count (71)  
UserId="75202" --> Word Count (57)  
UserId="75206" --> Word Count (41)  
UserId="68975" --> Word Count (60)  
UserId="68975" --> Word Count (20)  
UserId="68975" --> Word Count (1)  
UserId="75202" Comment="added 6 characters in body" --> Word Count (58)  
UserId="75206" --> Word Count (39)  
UserId="29575" Comment="Minor grammar / formatting" --> Word Count (87)  
UserId="29575" Comment="Minor grammar / formatting" --> Word Count (1)  
UserId="75209" --> Word Count (45)  
UserId="75209" --> Word Count (2)  
UserId="75209" --> Word Count (1)  
UserId="75210" --> Word Count (72)  
UserId="75210" --> Word Count (7)  
UserId="75210" --> Word Count (1)  
UserId="75213" --> Word Count (142)  
UserId="75213" --> Word Count (7)  
UserId="75213" --> Word Count (1)  
UserId="29169" Comment="code formatting" --> Word Count (186)  
UserId="75215" --> Word Count (384)  
UserId="71442" --> Word Count (15)  
UserId="29169" Comment="formatting changes" --> Word Count (464)  
UserId="29169" Comment="minor edits" --> Word Count (112)  
UserId="29169" Comment="minor edits" --> Word Count (75)  
UserId="29169" Comment="answer formatting for readability" --> Word Count (92)  
UserId="75217" --> Word Count (174)  
UserId="75217" --> Word Count (12)  
UserId="75217" --> Word Count (1)  
UserId="69945" --> Word Count (85)  
UserId="69945" --> Word Count (15)  
UserId="69945" --> Word Count (1)  
UserId="42044" --> Word Count (19)

UserId="45610" --> Word Count (137)  
 UserId="45610" --> Word Count (12)  
 UserId="45610" --> Word Count (1)  
 UserId="68705" --> Word Count (20)  
 UserId="68705" --> Word Count (6)  
 UserId="68705" --> Word Count (1)  
 UserId="1029" --> Word Count (106)  
 UserId="1029" Comment="Transformed localized numbers to numbers that can be understood by a majority of the population in the forum." --> Word Count (151)  
 UserId="29575" Comment="102" --> Word Count (2)  
 UserId="29575" Comment="Minor formatting" --> Word Count (16)  
 UserId="29575" Comment="Turn into a question" --> Word Count (15)  
 UserId="75222" --> Word Count (290)  
 UserId="75222" --> Word Count (6)  
 UserId="75222" --> Word Count (1)  
 UserId="41087" --> Word Count (73)  
 UserId="41087" --> Word Count (7)  
 UserId="41087" --> Word Count (1)  
 UserId="71442" --> Word Count (21)  
 UserId="74065" --> Word Count (89)  
 UserId="17310" --> Word Count (42)  
 UserId="17310" --> Word Count (7)  
 UserId="17310" --> Word Count (1)  
 UserId="41087" --> Word Count (79)  
 UserId="27714" --> Word Count (220)  
 UserId="27714" --> Word Count (10)  
 UserId="27714" --> Word Count (1)  
 UserId="75224" --> Word Count (101)  
 UserId="75224" --> Word Count (6)  
 UserId="75224" --> Word Count (1)  
 UserId="75228" --> Word Count (111)  
 UserId="75228" --> Word Count (5)  
 UserId="75228" --> Word Count (1)  
 UserId="71442" --> Word Count (30)  
 UserId="68705" Comment="added 23 characters in body" --> Word Count (22)  
 UserId="13296" Comment="Formatting." --> Word Count (126)  
 UserId="75229" --> Word Count (29)  
 UserId="34269" --> Word Count (66)  
 UserId="29575" Comment="Minor formatting" --> Word Count (29)  
 UserId="50519" Text="For some literature on the problem you may want to look at <https://medium.com/sap-machine-learning-research/chargrid-77aa75e6d605> and <https://arxiv.org/abs/1809.08799> and [https://arxiv.org/abs/1809.08799](#) For a commercially available solution [ --> Word Count (6)  
 UserId="75232" --> Word Count (453)  
 UserId="75232" --> Word Count (8)  
 UserId="75232" --> Word Count (1)  
 UserId="75232" Comment="add range; added 11 characters in body" --> Word Count (459)

UserId="29812" --> Word Count (385)  
 UserId="29812" --> Word Count (5)  
 UserId="29812" --> Word Count (1)  
 UserId="75218" --> Word Count (183)  
 UserId="75218" --> Word Count (8)  
 UserId="75218" --> Word Count (1)  
 UserId="75244" --> Word Count (137)  
 UserId="75244" --> Word Count (10)  
 UserId="75244" --> Word Count (1)  
 UserId="63813" --> Word Count (147)  
 UserId="75218" --> Word Count (170)  
 UserId="74118" Text="Pdfminer,  
 &#xA;PyPdf2,&#xA;Camelot,&#xA;Tika,&#xA;OCR,&#xA;Tesseract,&#xA; --> Word Count  
 (12)  
 UserId="74118" --> Word Count (46)  
 UserId="74118" --> Word Count (21)  
 UserId="75245" --> Word Count (85)  
 UserId="64104" --> Word Count (39)  
 UserId="64104" --> Word Count (8)  
 UserId="64104" --> Word Count (1)  
 UserId="75245" --> Word Count (71)  
 UserId="29169" Comment="minor edits" --> Word Count (136)  
 UserId="29169" Comment="minor edits" --> Word Count (12)  
 UserId="29169" Comment="minor edits" --> Word Count (1)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (117)  
 UserId="1029" Comment="Transformed title from localized numbers to global number  
 format." --> Word Count (12)  
 UserId="29575" Comment="Transformed title from localized numbers to global  
 number format." --> Word Count (165)  
 UserId="50146" Comment="added 7 characters in body" --> Word Count (126)  
 UserId="29575" Comment="104" --> Word Count (2)  
 UserId="29575" Comment="Minor grammar / formatting" Text="Pdfminer, &#xD;&#xA;Py  
 pdf2,&#xD;&#xA;Camelot,&#xD;&#xA;Tika,&#xD;&#xA;OCR,&#xD;&#xA;Tesseract,&#xD;&#xA;  
 A; --> Word Count (8)  
 UserId="70614" Comment="added 194 characters in body" Text="I started using  
 gensim's Fast --> Word Count (207)  
 UserId="74779" --> Word Count (177)  
 UserId="74779" --> Word Count (8)  
 UserId="74779" --> Word Count (1)  
 UserId="71368" --> Word Count (71)  
 UserId="71368" --> Word Count (10)  
 UserId="71368" --> Word Count (1)  
 UserId="1029" --> Word Count (461)  
 UserId="69646" --> Word Count (216)  
 UserId="69646" --> Word Count (7)  
 UserId="69646" --> Word Count (1)  
 UserId="75249" --> Word Count (114)  
 UserId="75249" --> Word Count (9)

UserId="75249" --> Word Count (1)  
 UserId="52291" Comment="Format code" --> Word Count (162)  
 UserId="52291" Comment="Format code" --> Word Count (1)  
 UserId="36943" --> Word Count (286)  
 UserId="36943" --> Word Count (9)  
 UserId="36943" --> Word Count (1)  
 UserId="36943" Comment="Improved description" --> Word Count (381)  
 UserId="36943" Comment="Improved description" --> Word Count (1)  
 UserId="75252" --> Word Count (83)  
 UserId="75252" --> Word Count (9)  
 UserId="75252" --> Word Count (1)  
 UserId="74929" --> Word Count (449)  
 UserId="74929" --> Word Count (9)  
 UserId="74929" --> Word Count (1)  
 UserId="34269" --> Word Count (290)  
 UserId="75257" --> Word Count (72)  
 UserId="75257" --> Word Count (9)  
 UserId="75257" --> Word Count (1)  
 UserId="29169" Comment="minor edits" --> Word Count (48)  
 UserId="29169" Comment="minor edits" --> Word Count (9)  
 UserId="75260" --> Word Count (32)  
 UserId="75260" --> Word Count (9)  
 UserId="75260" --> Word Count (1)  
 UserId="53357" Comment="Added blockquote" --> Word Count (184)  
 UserId="75259" --> Word Count (106)  
 UserId="75259" --> Word Count (14)  
 UserId="75259" --> Word Count (1)  
 UserId="75170" Comment="added 4 characters in body" --> Word Count (86)  
 UserId="52291" Comment="Grammar" --> Word Count (84)  
 UserId="52291" Comment="Grammar and clarity" --> Word Count (29)  
 UserId="52291" Comment="Grammar and clarity" --> Word Count (8)  
 UserId="52291" Comment="Grammar and clarity" --> Word Count (1)  
 UserId="52291" Comment="Code format and grammar" --> Word Count (223)  
 UserId="52291" Comment="Grammar and capitalization" --> Word Count (61)  
 UserId="52291" Comment="Grammar and capitalization" --> Word Count (9)  
 UserId="74512" --> Word Count (62)  
 UserId="74512" --> Word Count (11)  
 UserId="74512" --> Word Count (1)  
 UserId="73832" --> Word Count (66)  
 UserId="73832" --> Word Count (13)  
 UserId="73832" --> Word Count (1)  
 UserId="1029" --> Word Count (149)  
 UserId="471" --> Word Count (37)  
 UserId="75157" Comment="via Vote" --> Word Count (1)  
 UserId="75157" --> Word Count (1)  
 UserId="75257" --> Word Count (147)  
 UserId="75257" --> Word Count (11)  
 UserId="75257" --> Word Count (1)

UserId="64870" --> Word Count (48)  
 UserId="64870" --> Word Count (13)  
 UserId="64870" --> Word Count (1)  
 UserId="38892" Comment="added 5 characters in body" --> Word Count (164)  
 UserId="75263" --> Word Count (114)  
 UserId="75263" --> Word Count (16)  
 UserId="75263" --> Word Count (1)  
 UserId="56922" --> Word Count (112)  
 UserId="56922" --> Word Count (10)  
 UserId="56922" --> Word Count (1)  
 UserId="75264" --> Word Count (226)  
 UserId="75264" --> Word Count (7)  
 UserId="75264" --> Word Count (1)  
 UserId="75218" --> Word Count (108)  
 UserId="75218" --> Word Count (98)  
 UserId="75218" --> Word Count (193)  
 UserId="68023" --> Word Count (196)  
 UserId="75271" --> Word Count (60)  
 UserId="75271" --> Word Count (12)  
 UserId="75271" --> Word Count (1)  
 UserId="38892" Comment="added 30 characters in body" --> Word Count (62)  
 UserId="53357" --> Word Count (69)  
 UserId="75271" Comment="added 524 characters in body" --> Word Count (137)  
 UserId="75270" --> Word Count (29)  
 UserId="75273" --> Word Count (51)  
 UserId="75273" --> Word Count (3)  
 UserId="75273" --> Word Count (1)  
 UserId="71219" --> Word Count (234)  
 UserId="64138" --> Word Count (83)  
 UserId="64138" --> Word Count (7)  
 UserId="64138" --> Word Count (1)  
 UserId="75276" --> Word Count (102)  
 UserId="75276" --> Word Count (6)  
 UserId="75276" --> Word Count (1)  
 UserId="69646" --> Word Count (295)  
 UserId="69646" --> Word Count (10)  
 UserId="69646" --> Word Count (1)  
 UserId="924" --> Word Count (39)  
 UserId="29575" Comment="105" --> Word Count (4)  
 UserId="75278" --> Word Count (45)  
 UserId="75278" --> Word Count (16)  
 UserId="75278" --> Word Count (1)  
 UserId="75280" --> Word Count (87)  
 UserId="75280" --> Word Count (11)  
 UserId="75280" --> Word Count (1)  
 UserId="57453" --> Word Count (35)  
 UserId="71442" --> Word Count (77)  
 UserId="29169" Comment="minor changes" --> Word Count (63)

UserId="29169" Comment="code formatting" --> Word Count (238)  
 UserId="73680" --> Word Count (604)  
 UserId="73680" --> Word Count (12)  
 UserId="73680" --> Word Count (1)  
 UserId="71442" --> Word Count (66)  
 UserId="71442" --> Word Count (53)  
 UserId="73680" Comment="added 12 characters in body; edited title" --> Word Count (608)  
 UserId="73680" Comment="added 12 characters in body; edited title" --> Word Count (12)  
 UserId="75289" --> Word Count (47)  
 UserId="75289" --> Word Count (5)  
 UserId="75289" --> Word Count (1)  
 UserId="75280" Comment="added 3 characters in body" --> Word Count (88)  
 UserId="75292" --> Word Count (74)  
 UserId="75292" --> Word Count (7)  
 UserId="75292" --> Word Count (1)  
 UserId="69646" Comment="added 722 characters in body" --> Word Count (341)  
 UserId="69646" Comment="added 722 characters in body" --> Word Count (11)  
 UserId="40137" --> Word Count (45)  
 UserId="75298" --> Word Count (75)  
 UserId="75298" --> Word Count (19)  
 UserId="75298" --> Word Count (1)  
 UserId="75299" --> Word Count (83)  
 UserId="29575" Comment="Minor formatting" --> Word Count (83)  
 UserId="64377" Comment="made title more accurate and added tag multilabel-classification" --> Word Count (11)  
 UserId="64377" Comment="made title more accurate and added tag multilabel-classification" --> Word Count (1)  
 UserId="29575" Comment="made title more accurate and added tag multilabel-classification" --> Word Count (88)  
 UserId="924" --> Word Count (96)  
 UserId="924" Comment="edited tags" --> Word Count (1)  
 UserId="64377" Comment="adding a link to the corresponding wikipedia page for details" --> Word Count (69)  
 UserId="64870" --> Word Count (62)  
 UserId="64870" --> Word Count (10)  
 UserId="64870" --> Word Count (1)  
 UserId="75271" --> Word Count (152)  
 UserId="75271" --> Word Count (10)  
 UserId="75271" --> Word Count (1)  
 UserId="68990" --> Word Count (111)  
 UserId="68990" --> Word Count (7)  
 UserId="68990" --> Word Count (1)  
 UserId="75271" Comment="edited title" --> Word Count (8)  
 UserId="75271" Comment="edited title" --> Word Count (152)  
 UserId="68023" --> Word Count (164)  
 UserId="75271" Comment="edited title" --> Word Count (164)



```
UserId="75271" Comment="edited title" --> Word Count (10)
UserId="71587" --> Word Count (35)
UserId="71587" --> Word Count (10)
UserId="71587" --> Word Count (1)
UserId="64870" --> Word Count (23)
UserId="64870" --> Word Count (16)
UserId="64870" --> Word Count (1)
UserId="10814" --> Word Count (392)
UserId="75314" --> Word Count (923)
UserId="75314" --> Word Count (12)
UserId="75314" --> Word Count (1)
UserId="32429" --> Word Count (34)
UserId="32429" --> Word Count (6)
UserId="32429" --> Word Count (1)
UserId="53357" Comment="Formatted code." --> Word Count (1462)
UserId="53357" Comment="Formatted code." --> Word Count (1)
UserId="64870" --> Word Count (74)
UserId="64870" --> Word Count (3)
UserId="64870" --> Word Count (1)
UserId="75323" --> Word Count (24)
UserId="75323" --> Word Count (8)
UserId="75323" --> Word Count (1)
UserId="33501" --> Word Count (872)
UserId="33501" --> Word Count (8)
UserId="33501" --> Word Count (1)
UserId="71442" --> Word Count (102)
UserId="64767" --> Word Count (250)
UserId="64767" --> Word Count (6)
UserId="64767" --> Word Count (1)
UserId="29169" Comment="minor changes" --> Word Count (80)
UserId="58841" --> Word Count (181)
UserId="58841" --> Word Count (8)
UserId="58841" --> Word Count (1)
UserId="924" Comment="deleted 65 characters in body" --> Word Count (449)
UserId="924" --> Word Count (129)
UserId="52089" Comment="added 19 characters in body; edited title" --> Word Count (81)
UserId="52089" Comment="added 19 characters in body; edited title" --> Word Count (6)
UserId="836" --> Word Count (150)
UserId="58841" Comment="added 7 characters in body" --> Word Count (181)
UserId="10513" --> Word Count (186)
UserId="10513" --> Word Count (14)
UserId="10513" --> Word Count (1)
UserId="836" Comment="added 299 characters in body" --> Word Count (218)
UserId="74735" Text="Oh Wow, `textblob`'s default setting can't deal with even a reasonable amount of data.

TL;DR: You do need better control over what the library does.

The class
```

[NaiveBayesClassifier][naive], or more exactly it's superclass [NLTKClassifier][nltk] uses a default for of `feature\_extractor`. In this case it uses [basic\_extractor][base], which, apart from stemming the words in some way (not relevant for us here) it does the following:

```

features = dict(((u'contains({0})'.format(word), (word in tokens))
for word in word_features))
Once per each document
(sample):
[naive]: https://github.com/sloria/TextBlob/blob/dev/textblob/classifiers.py#L289
[nltk]: https://github.com/sloria/TextBlob/blob/dev/textblob/classifiers.py#L188
[base]: https://github.com/sloria/TextBlob/blob/dev/textblob/classifiers.py#L73
Ouch! That will create a python dictionary for every single document. And store in these dictionaries the *term frequency* for each document. On 16k rows (documents/samples) that is very likely to be way too much memory.
On Ubuntu you likely have swap space, which is extra disk space used as memory, your OS figuring out it is out of memory starts swapping pages of memory onto this swap space. Yet, swap space is super slow compared to actual memory, therefore the computation takes forever. And, in the end, it is this swap space and this slowness that keeps the algorithm running forever, instead of overheating your CPU or making the machine completely frozen and out of memory.
Better approach to the problem
ML techniques do not understand words, or strings in general, they only understand numbers. `textblob` hides this fact from you because it performs the feature extraction behind the scenes. That works for toy problems but will likely impair the solution of any more complex problem (be it because of problem complexity or amount of data, or both).
You need to take control of the feature extraction yourself. A Naive Bayes classifier is a rather simple algorithm and will work well with a plethora of extraction techniques. Term Frequency (simply counting the number of each distinct word in every document), will work well enough as long as you do not use expensive python dictionaries to hold the frequencies in memory. But once you get control of your feature extraction there are many more techniques to use: TF-IDF, n-grams. I find the [sklearn]'s explanation of text features very enlightening[sklearn]. But I digress.
[sklearn]: https://scikit-learn.org/stable/modules/feature_extraction.html#text-feature-extraction
For your problem at hand, `textblob` is just a wrapper on top of the [nltk][nltk] library. You can define a feature extractor using `nltk.text.Text`. And then you can pass the resulting feature extractor into the `feature_extractor=` parameter of `NaiveBayesClassifier`. For example:
X, y = [], []
for s, l in csv.reader(fp):
 X.append(s)
 y.append(l)
NaiveBayesClassifier(X, feature_extractor=nltk.text.Text)
--> Word Count (82)
UserId="71219" --> Word Count (462)
UserId="71219" Comment="added 11 characters in body" --> Word Count (462)
UserId="74421" --> Word Count (306)
UserId="75333" --> Word Count (19)
UserId="75333" --> Word Count (10)

```

UserId="75333" --> Word Count (1)  
 UserId="52089" Comment="edited body" --> Word Count (93)  
 UserId="74421" --> Word Count (18)  
 UserId="74421" --> Word Count (62)  
 UserId="74421" --> Word Count (10)  
 UserId="74421" --> Word Count (1)  
 UserId="75335" --> Word Count (285)  
 UserId="56233" --> Word Count (90)  
 UserId="56233" --> Word Count (4)  
 UserId="56233" --> Word Count (1)  
 UserId="75336" --> Word Count (220)  
 UserId="75336" --> Word Count (5)  
 UserId="75336" --> Word Count (1)  
 UserId="74735" Comment="genuine mistake in phrasing the classes" --> Word Count (887)  
 UserId="35644" Comment="deleted 3 characters in body" --> Word Count (129)  
 UserId="75060" --> Word Count (34)  
 UserId="75060" --> Word Count (4)  
 UserId="75060" --> Word Count (1)  
 UserId="51733" Comment="input\_shape=(TimeSteps, height, width, color\_channels)" --> Word Count (123)  
 UserId="53357" --> Word Count (97)  
 UserId="46371" --> Word Count (146)  
 UserId="46371" --> Word Count (9)  
 UserId="46371" --> Word Count (1)  
 UserId="69263" Comment="keep code inside of backticks" --> Word Count (46)  
 UserId="70132" --> Word Count (92)  
 UserId="70132" --> Word Count (5)  
 UserId="70132" --> Word Count (1)  
 UserId="68023" --> Word Count (156)  
 UserId="68023" --> Word Count (9)  
 UserId="68023" --> Word Count (1)  
 UserId="69646" Comment="added 1087 characters in body" --> Word Count (559)  
 UserId="75350" --> Word Count (23)  
 UserId="75350" --> Word Count (10)  
 UserId="75350" --> Word Count (1)  
 UserId="69646" Comment="deleted 449 characters in body" --> Word Count (477)  
 UserId="61883" --> Word Count (201)  
 UserId="61883" --> Word Count (9)  
 UserId="61883" --> Word Count (1)  
 UserId="69646" Comment="added 515 characters in body" --> Word Count (425)  
 UserId="61883" Comment="edited title" --> Word Count (9)  
 UserId="71442" --> Word Count (23)  
 UserId="75357" --> Word Count (166)  
 UserId="75357" --> Word Count (16)  
 UserId="75357" --> Word Count (1)  
 UserId="75335" Comment="added 1288 characters in body" --> Word Count (406)  
 UserId="61883" Comment="edited tags" --> Word Count (1)

UserId="75359" --> Word Count (171)  
 UserId="75359" --> Word Count (10)  
 UserId="75359" --> Word Count (1)  
 UserId="71442" --> Word Count (109)  
 UserId="71442" --> Word Count (5)  
 UserId="71442" --> Word Count (1)  
 UserId="75358" --> Word Count (276)  
 UserId="75358" --> Word Count (7)  
 UserId="75358" --> Word Count (1)  
 UserId="75358" Comment="added 24 characters in body" --> Word Count (279)  
 UserId="29169" Comment="minor edits" --> Word Count (34)  
 UserId="69263" Comment="keep code inside of backticks" --> Word Count (116)  
 UserId="29169" Comment="minor edits" --> Word Count (31)  
 UserId="29169" Comment="minor edits" --> Word Count (1)  
 UserId="69263" Comment="keep code inside of backticks" --> Word Count (19)  
 UserId="50519" Comment="General improvements, links" --> Word Count (84)  
 UserId="69263" Comment="keep code inside of backticks" --> Word Count (452)  
 UserId="29575" Comment="Minor grammar" --> Word Count (22)  
 UserId="45374" --> Word Count (18)  
 UserId="73845" --> Word Count (261)  
 UserId="75359" Comment="edited tags" --> Word Count (1)  
 UserId="69963" --> Word Count (15)  
 UserId="69963" --> Word Count (6)  
 UserId="69963" --> Word Count (1)  
 UserId="69263" --> Word Count (151)  
 UserId="69263" Comment="added 6 characters in body" --> Word Count (155)  
 UserId="69263" Comment="via Vote" --> Word Count (1)  
 UserId="69263" --> Word Count (1)  
 UserId="65131" --> Word Count (147)  
 UserId="69646" Comment="added 621 characters in body" --> Word Count (613)  
 UserId="66995" --> Word Count (55)  
 UserId="66995" --> Word Count (18)  
 UserId="66995" --> Word Count (1)  
 UserId="69646" Comment="added 621 characters in body" --> Word Count (11)  
 UserId="66995" Comment="Added more information" --> Word Count (68)  
 UserId="75369" --> Word Count (486)  
 UserId="75369" --> Word Count (13)  
 UserId="75369" --> Word Count (1)  
 UserId="75370" --> Word Count (163)  
 UserId="75370" --> Word Count (15)  
 UserId="75370" --> Word Count (1)  
 UserId="75370" Comment="edited tags" --> Word Count (1)  
 UserId="3504" --> Word Count (446)  
 UserId="3504" --> Word Count (5)  
 UserId="3504" --> Word Count (1)  
 UserId="75375" --> Word Count (145)  
 UserId="75375" --> Word Count (6)  
 UserId="75375" --> Word Count (1)

UserId="74855" --> Word Count (98)  
 UserId="74855" --> Word Count (10)  
 UserId="74855" --> Word Count (1)  
 UserId="75377" --> Word Count (35)  
 UserId="75377" --> Word Count (6)  
 UserId="75377" --> Word Count (1)  
 UserId="29169" Comment="minor edits" --> Word Count (37)  
 UserId="29169" Comment="minor edits" --> Word Count (5)  
 UserId="29169" Comment="minor edits" --> Word Count (1)  
 UserId="29169" Comment="minor changes" --> Word Count (105)  
 UserId="29169" Comment="minor changes" --> Word Count (1)  
 UserId="66995" Comment="minor changes" --> Word Count (107)  
 UserId="29169" Comment="minor changes for wordiness" --> Word Count (139)  
 UserId="73441" --> Word Count (42)  
 UserId="75379" --> Word Count (323)  
 UserId="75379" --> Word Count (7)  
 UserId="75379" --> Word Count (1)  
 UserId="75378" --> Word Count (600)  
 UserId="75378" --> Word Count (11)  
 UserId="75378" --> Word Count (1)  
 UserId="69646" Comment="added 489 characters in body" --> Word Count (729)  
 UserId="75257" --> Word Count (123)  
 UserId="75257" --> Word Count (15)  
 UserId="75257" --> Word Count (1)  
 UserId="73209" --> Word Count (27)  
 UserId="73209" --> Word Count (10)  
 UserId="73209" --> Word Count (1)  
 UserId="52291" --> Word Count (71)  
 UserId="75383" --> Word Count (235)  
 UserId="75383" --> Word Count (7)  
 UserId="75383" --> Word Count (1)  
 UserId="71219" --> Word Count (170)  
 UserId="65131" --> Word Count (146)  
 UserId="52291" Comment="Scale vs impute" --> Word Count (122)  
 UserId="52291" Comment="Info" --> Word Count (122)  
 UserId="74855" Comment="added 1 character in body" --> Word Count (98)  
 UserId="71442" --> Word Count (21)  
 UserId="71442" --> Word Count (440)  
 UserId="29169" Comment="latex formatting" --> Word Count (116)  
 UserId="21" Comment="latex formatting" --> Word Count (116)  
 UserId="29169" Comment="code formatting" --> Word Count (184)  
 UserId="75257" --> Word Count (103)  
 UserId="75257" --> Word Count (9)  
 UserId="75257" --> Word Count (1)  
 UserId="75390" --> Word Count (126)  
 UserId="75390" --> Word Count (15)  
 UserId="75390" --> Word Count (1)  
 UserId="71442" --> Word Count (330)

UserId="71442" Comment="added 115 characters in body" --> Word Count (341)  
 UserId="71442" Comment="added 197 characters in body" --> Word Count (462)  
 UserId="26562" --> Word Count (101)  
 UserId="26562" --> Word Count (6)  
 UserId="26562" --> Word Count (1)  
 UserId="29169" Comment="minor edits" --> Word Count (171)  
 UserId="29169" Comment="minor formatting changes" --> Word Count (549)  
 UserId="29169" Comment="minor formatting changes" --> Word Count (7)  
 UserId="29169" Comment="minor formatting changes" --> Word Count (1)  
 UserId="29169" Comment="corrections" --> Word Count (122)  
 UserId="29169" Comment="corrections" --> Word Count (94)  
 UserId="23305" Comment="102" --> Word Count (4)  
 UserId="23305" Comment="104" --> Word Count (1)  
 UserId="23305" Comment="102" --> Word Count (4)  
 UserId="75379" Comment="added 1 character in body" --> Word Count (323)  
 UserId="71219" --> Word Count (200)  
 UserId="29169" Comment="tag and title edit" --> Word Count (10)  
 UserId="29169" Comment="tag and title edit" --> Word Count (1)  
 UserId="29169" Comment="Capitalization corrections" --> Word Count (44)  
 UserId="75402" --> Word Count (93)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (81)  
 UserId="75405" --> Word Count (85)  
 UserId="75405" --> Word Count (11)  
 UserId="75405" --> Word Count (1)  
 UserId="75007" --> Word Count (343)  
 UserId="75007" --> Word Count (21)  
 UserId="75007" --> Word Count (1)  
 UserId="75402" Comment="deleted 10 characters in body" --> Word Count (81)  
 UserId="75407" --> Word Count (138)  
 UserId="75407" --> Word Count (10)  
 UserId="75407" --> Word Count (1)  
 UserId="75407" Comment="added 80 characters in body" --> Word Count (153)  
 UserId="40853" Comment="added 62 characters in body" --> Word Count (220)  
 UserId="75405" Comment="edited title" --> Word Count (11)  
 UserId="75358" Comment="added 306 characters in body" --> Word Count (446)  
 UserId="45034" --> Word Count (110)  
 UserId="45034" --> Word Count (14)  
 UserId="45034" --> Word Count (1)  
 UserId="38892" --> Word Count (31)  
 UserId="38892" Comment="deleted 11 characters in body" --> Word Count (85)  
 UserId="75414" --> Word Count (354)  
 UserId="75414" --> Word Count (8)  
 UserId="75414" --> Word Count (1)  
 UserId="40853" Comment="Rollback to [c5fe02c9-30b6-4002-bbe5-322b3d52aade]" -->  
 Word Count (153)  
 UserId="40853" Comment="Rollback to [8f94aa00-ab1b-4d3b-86c8-120c600aa0da]" -->  
 Word Count (220)  
 UserId="75405" --> Word Count (54)

UserId="75405" --> Word Count (15)  
 UserId="75405" --> Word Count (1)  
 UserId="75400" --> Word Count (77)  
 UserId="75400" --> Word Count (15)  
 UserId="75400" --> Word Count (1)  
 UserId="61883" Comment="via Vote" --> Word Count (1)  
 UserId="75405" Comment="edited body" --> Word Count (85)  
 UserId="61883" --> Word Count (1)  
 UserId="73209" --> Word Count (44)  
 UserId="75405" Comment="deleted 2 characters in body" --> Word Count (85)  
 UserId="75405" Comment="edited body" --> Word Count (85)  
 UserId="75422" --> Word Count (27)  
 UserId="75422" --> Word Count (7)  
 UserId="75422" --> Word Count (1)  
 UserId="75423" --> Word Count (18)  
 UserId="75423" --> Word Count (9)  
 UserId="75423" --> Word Count (1)  
 UserId="75335" --> Word Count (59)  
 UserId="75425" --> Word Count (41)  
 UserId="75427" --> Word Count (130)  
 UserId="75427" --> Word Count (10)  
 UserId="75427" --> Word Count (1)  
 UserId="32958" --> Word Count (107)  
 UserId="32958" --> Word Count (5)  
 UserId="32958" --> Word Count (1)  
 UserId="71442" --> Word Count (177)  
 UserId="71442" Comment="added 91 characters in body" --> Word Count (193)  
 UserId="73907" --> Word Count (56)  
 UserId="73907" --> Word Count (16)  
 UserId="73907" --> Word Count (1)  
 UserId="75430" --> Word Count (85)  
 UserId="75430" --> Word Count (13)  
 UserId="75430" --> Word Count (1)  
 UserId="73930" --> Word Count (173)  
 UserId="73930" --> Word Count (78)  
 UserId="75084" --> Word Count (33)  
 UserId="75084" --> Word Count (9)  
 UserId="75084" --> Word Count (1)  
 UserId="69646" Comment="added 461 characters in body" --> Word Count (498)  
 UserId="75431" --> Word Count (195)  
 UserId="75431" --> Word Count (17)  
 UserId="75431" --> Word Count (1)  
 UserId="65131" Comment="corrected typo" --> Word Count (146)  
 UserId="51836" --> Word Count (123)  
 UserId="51836" --> Word Count (18)  
 UserId="51836" --> Word Count (1)  
 UserId="73930" Comment="added 1 character in body; added 26 characters in body"  
 --> Word Count (83)

UserId="75436" --> Word Count (175)  
 UserId="75436" --> Word Count (6)  
 UserId="75436" --> Word Count (1)  
 UserId="75096" --> Word Count (146)  
 UserId="75096" --> Word Count (7)  
 UserId="75096" --> Word Count (1)  
 UserId="75438" --> Word Count (179)  
 UserId="75438" --> Word Count (10)  
 UserId="75438" --> Word Count (1)  
 UserId="75096" Comment="added 30 characters in body" --> Word Count (164)  
 UserId="75440" --> Word Count (156)  
 UserId="75440" --> Word Count (11)  
 UserId="75440" --> Word Count (1)  
 UserId="60379" Comment="Added code reference which is causing huge differences in predictions." --> Word Count (117)  
 UserId="45610" --> Word Count (117)  
 UserId="45610" --> Word Count (6)  
 UserId="45610" --> Word Count (1)  
 UserId="60379" Comment="Added sample data" --> Word Count (132)  
 UserId="29169" Comment="minor edits" --> Word Count (189)  
 UserId="29169" Comment="code formatting" --> Word Count (192)  
 UserId="75257" --> Word Count (393)  
 UserId="75257" --> Word Count (11)  
 UserId="75257" --> Word Count (1)  
 UserId="71218" --> Word Count (28)  
 UserId="75445" --> Word Count (334)  
 UserId="75445" --> Word Count (3)  
 UserId="75445" --> Word Count (1)  
 UserId="75096" --> Word Count (286)  
 UserId="46890" --> Word Count (72)  
 UserId="75448" Text="My data exists of several restaurant menus (in text form). I would like to detect the category of an item on the menu which can be 'food' or 'drink'. &#xD;&#xA;&#xD;&#xA;How do I call this kind of machine learning?" --> Word Count (27)  
 UserId="75448" --> Word Count (10)  
 UserId="75448" --> Word Count (1)  
 UserId="75335" --> Word Count (125)  
 UserId="73441" --> Word Count (94)  
 UserId="75382" --> Word Count (60)  
 UserId="75382" --> Word Count (11)  
 UserId="75382" --> Word Count (1)  
 UserId="75374" --> Word Count (63)  
 UserId="73441" --> Word Count (110)  
 UserId="29169" Comment="minor changes" --> Word Count (82)  
 UserId="53357" Comment="Minor formatting" --> Word Count (193)  
 UserId="29169" Comment="minor changes formatting" --> Word Count (128)  
 UserId="29169" Comment="capitalization etc." --> Word Count (54)  
 UserId="29169" Comment="minor changes" --> Word Count (36)



UserId="40042" --> Word Count (329)  
 UserId="40042" --> Word Count (10)  
 UserId="40042" --> Word Count (1)  
 UserId="75374" Comment="Much more in-depth explanation." --> Word Count (341)  
 UserId="73441" --> Word Count (107)  
 UserId="73441" Comment="added 19 characters in body" --> Word Count (108)  
 UserId="75450" --> Word Count (146)  
 UserId="75450" --> Word Count (6)  
 UserId="75450" --> Word Count (1)  
 UserId="71896" --> Word Count (35)  
 UserId="71896" --> Word Count (19)  
 UserId="71896" --> Word Count (1)  
 UserId="75450" Comment="deleted 317 characters in body" --> Word Count (139)  
 UserId="69963" --> Word Count (160)  
 UserId="69963" --> Word Count (6)  
 UserId="69963" --> Word Count (1)  
 UserId="74421" Comment="added plotting and Matplotlib tags. Changed code format to python." --> Word Count (111)  
 UserId="74421" Comment="added plotting and Matplotlib tags. Changed code format to python." --> Word Count (1)  
 UserId="71442" --> Word Count (164)  
 UserId="71442" Comment="added 91 characters in body" --> Word Count (184)  
 UserId="75455" --> Word Count (105)  
 UserId="75455" --> Word Count (5)  
 UserId="75455" --> Word Count (1)  
 UserId="65131" --> Word Count (143)  
 UserId="65131" --> Word Count (34)  
 UserId="71675" --> Word Count (74)  
 UserId="71675" --> Word Count (76)  
 UserId="71675" Comment="added 2 characters in body" --> Word Count (76)  
 UserId="71675" Comment="added 203 characters in body; added 2 characters in body; added 55 characters in body" --> Word Count (115)  
 UserId="71675" Comment="added 337 characters in body; added 4 characters in body; added 2 characters in body; added 23 characters in body" --> Word Count (154)  
 UserId="71675" Comment="added 42 characters in body; added 243 characters in body" --> Word Count (175)  
 UserId="75257" --> Word Count (163)  
 UserId="75257" --> Word Count (13)  
 UserId="75257" --> Word Count (1)  
 UserId="71675" Comment="added 50 characters in body; added 1 character in body; edited body" --> Word Count (187)  
 UserId="29169" Comment="edited title" --> Word Count (6)  
 UserId="29169" Comment="minor edits" --> Word Count (56)  
 UserId="29169" Comment="minor edits" --> Word Count (15)  
 UserId="74467" --> Word Count (321)  
 UserId="74467" --> Word Count (11)  
 UserId="74467" --> Word Count (1)

UserId="73912" --> Word Count (287)  
 UserId="73912" --> Word Count (12)  
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 UserId="75405" --> Word Count (49)  
 UserId="75405" --> Word Count (14)  
 UserId="75405" --> Word Count (1)  
 UserId="75467" --> Word Count (400)  
 UserId="75467" --> Word Count (19)  
 UserId="75467" --> Word Count (1)  
 UserId="69670" --> Word Count (128)  
 UserId="64646" --> Word Count (18)  
 UserId="64646" --> Word Count (17)  
 UserId="64646" --> Word Count (1)  
 UserId="69670" --> Word Count (165)  
 UserId="29169" Comment="small edits for building quality site content" --> Word Count (45)  
 UserId="75473" --> Word Count (113)  
 UserId="75473" --> Word Count (4)  
 UserId="75473" --> Word Count (1)  
 UserId="75405" --> Word Count (45)  
 UserId="75405" --> Word Count (22)  
 UserId="75405" --> Word Count (1)  
 UserId="65131" --> Word Count (127)  
 UserId="36943" Comment="Added updated experiments" --> Word Count (486)  
 UserId="65131" --> Word Count (54)  
 UserId="69646" Comment="added 574 characters in body" --> Word Count (607)  
 UserId="75480" --> Word Count (35)  
 UserId="75480" --> Word Count (10)  
 UserId="75480" --> Word Count (1)  
 UserId="71442" --> Word Count (79)  
 UserId="65131" --> Word Count (93)  
 UserId="38911" --> Word Count (249)  
 UserId="38911" --> Word Count (11)  
 UserId="38911" --> Word Count (1)  
 UserId="38911" Comment="edited body" --> Word Count (249)  
 UserId="61634" --> Word Count (99)  
 UserId="74467" --> Word Count (39)  
 UserId="74467" --> Word Count (10)  
 UserId="74467" --> Word Count (1)  
 UserId="75479" --> Word Count (213)  
 UserId="75479" --> Word Count (8)  
 UserId="75479" --> Word Count (1)  
 UserId="75335" --> Word Count (66)  
 UserId="69646" Comment="edited title" --> Word Count (13)  
 UserId="65131" --> Word Count (188)  
 UserId="75483" --> Word Count (72)  
 UserId="75483" --> Word Count (8)  
 UserId="75483" --> Word Count (1)

UserId="75484" --> Word Count (837)  
 UserId="75484" --> Word Count (8)  
 UserId="75484" --> Word Count (1)  
 UserId="74467" Comment="added 121 characters in body" --> Word Count (97)  
 UserId="73938" --> Word Count (114)  
 UserId="73938" --> Word Count (6)  
 UserId="73938" --> Word Count (1)  
 UserId="29169" Comment="minor changes edits" --> Word Count (153)  
 UserId="29169" Comment="edits for clarity" --> Word Count (52)  
 UserId="29169" Comment="edits for clarity" --> Word Count (14)  
 UserId="29169" Comment="minor edits" --> Word Count (176)  
 UserId="29575" Comment="minor edits" --> Word Count (170)  
 UserId="59339" --> Word Count (197)  
 UserId="59339" --> Word Count (9)  
 UserId="59339" --> Word Count (1)  
 UserId="73441" --> Word Count (231)  
 UserId="75479" Comment="edited body" --> Word Count (213)  
 UserId="75484" Comment="Breakthroughs so far" --> Word Count (867)  
 UserId="74727" --> Word Count (50)  
 UserId="75492" --> Word Count (42)  
 UserId="75492" --> Word Count (5)  
 UserId="75492" --> Word Count (1)  
 UserId="75492" Comment="edited title" --> Word Count (5)  
 UserId="65131" --> Word Count (67)  
 UserId="75428" --> Word Count (65)  
 UserId="71218" Comment="style corrections" --> Word Count (42)  
 UserId="71515" --> Word Count (98)  
 UserId="71515" --> Word Count (9)  
 UserId="71515" --> Word Count (1)  
 UserId="2459" --> Word Count (124)  
 UserId="71218" --> Word Count (65)  
 UserId="2459" --> Word Count (140)  
 UserId="75455" Comment="I added formula from the textbook to back up my question." --> Word Count (179)  
 UserId="2459" Comment="explain better what I mean with &quot;study the errors&quot;" --> Word Count (148)  
 UserId="71515" --> Word Count (36)  
 UserId="71515" --> Word Count (14)  
 UserId="71515" --> Word Count (1)  
 UserId="75257" Comment="Added the Code" --> Word Count (289)  
 UserId="75152" --> Word Count (172)  
 UserId="75502" --> Word Count (51)  
 UserId="75502" --> Word Count (13)  
 UserId="75502" --> Word Count (1)  
 UserId="75502" Comment="edited tags" --> Word Count (1)  
 UserId="47647" --> Word Count (252)  
 UserId="47647" --> Word Count (9)  
 UserId="47647" --> Word Count (1)

UserId="75507" --> Word Count (128)  
 UserId="75507" --> Word Count (7)  
 UserId="75507" --> Word Count (1)  
 UserId="37330" --> Word Count (58)  
 UserId="37330" --> Word Count (4)  
 UserId="37330" --> Word Count (1)  
 UserId="73938" Comment="added 531 characters in body" --> Word Count (219)  
 UserId="65131" --> Word Count (153)  
 UserId="75335" --> Word Count (143)  
 UserId="75152" Comment="added 1898 characters in body" --> Word Count (456)  
 UserId="65131" --> Word Count (118)  
 UserId="75152" Comment="added 1898 characters in body" --> Word Count (536)  
 UserId="75511" --> Word Count (176)  
 UserId="75511" --> Word Count (10)  
 UserId="75511" --> Word Count (1)  
 UserId="75152" --> Word Count (84)  
 UserId="29169" Comment="minor edits" --> Word Count (246)  
 UserId="29169" Comment="minor edits" --> Word Count (52)  
 UserId="29169" Comment="minor edits" --> Word Count (22)  
 UserId="29169" Comment="reformatting for links" Text="I came across two interesting papers which describe promising approaches for document classification using word embedding. &#xD;&#xA;&#xD;&#xA; \*\*1.\*\* \*\*The fasttext algorithm\*\*&#xD;&#xA;&#xD;&#xA;Described in the paper \*Bag of Tricks for Efficient Text Classification\* [here][1].&#xD;&#xA;&#xD;&#xA;(With further explanation [here][2]).&#xD;&#xA;&#xD;&#xA; \*\*2. DANs\*\*&#xD;&#xA;&#xD;&#xA;Described in the paper \*Deep Unordered Composition Rivals Syntactic Methods for --> Word Count (44)  
 UserId="29169" Comment="reformatting for links" --> Word Count (11)  
 UserId="29169" Comment="minor edits" --> Word Count (442)  
 UserId="75514" --> Word Count (58)  
 UserId="75514" --> Word Count (8)  
 UserId="75514" --> Word Count (1)  
 UserId="24651" --> Word Count (38)  
 UserId="24651" --> Word Count (6)  
 UserId="24651" --> Word Count (1)  
 UserId="75335" --> Word Count (23)  
 UserId="50566" --> Word Count (28)  
 UserId="50566" --> Word Count (10)  
 UserId="50566" --> Word Count (1)  
 UserId="69263" Comment="keep codes and description of codes inside of backticks and grammar correction " --> Word Count (100)  
 UserId="75511" Comment="edited tags" --> Word Count (1)  
 UserId="75432" --> Word Count (60)  
 UserId="75432" --> Word Count (4)  
 UserId="75432" --> Word Count (1)  
 UserId="69263" Comment="keep codes and description of codes inside of backticks" --> Word Count (71)  
 UserId="29832" --> Word Count (30)

UserId="29832" --> Word Count (7)  
 UserId="29832" --> Word Count (1)  
 UserId="49700" Comment="added 80 characters in body" --> Word Count (150)  
 UserId="75518" --> Word Count (20)  
 UserId="75511" Comment="added 37 characters in body" --> Word Count (103)  
 UserId="75513" --> Word Count (230)  
 UserId="75513" --> Word Count (5)  
 UserId="75513" --> Word Count (1)  
 UserId="53357" --> Word Count (92)  
 UserId="65131" --> Word Count (157)  
 UserId="73938" Comment="added 182 characters in body" --> Word Count (240)  
 UserId="52291" --> Word Count (161)  
 UserId="57156" --> Word Count (57)  
 UserId="57156" --> Word Count (9)  
 UserId="57156" --> Word Count (1)  
 UserId="61941" --> Word Count (59)  
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 UserId="65131" --> Word Count (63)  
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 UserId="75523" --> Word Count (1)  
 UserId="75524" --> Word Count (178)  
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 UserId="75524" --> Word Count (1)  
 UserId="75525" --> Word Count (169)  
 UserId="75525" --> Word Count (11)  
 UserId="75525" --> Word Count (1)  
 UserId="75244" --> Word Count (62)  
 UserId="75244" --> Word Count (5)  
 UserId="75244" --> Word Count (1)  
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 UserId="29169" Comment="minor changes" --> Word Count (57)  
 UserId="29169" Comment="minor changes" --> Word Count (1)  
 UserId="75525" Comment="added 59 characters in body" --> Word Count (177)  
 UserId="71219" --> Word Count (323)  
 UserId="70237" --> Word Count (39)  
 UserId="70237" --> Word Count (9)  
 UserId="70237" --> Word Count (1)  
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 UserId="75528" --> Word Count (8)

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 UserId="29169" Comment="minor changes" --> Word Count (62)  
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 UserId="75405" --> Word Count (14)  
 UserId="75405" --> Word Count (1)  
 UserId="75370" Comment="added 590 characters in body" --> Word Count (311)  
 UserId="73441" --> Word Count (121)  
 UserId="73441" Comment="deleted 19 characters in body" --> Word Count (117)  
 UserId="75409" --> Word Count (157)  
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 UserId="61634" --> Word Count (103)  
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 UserId="75244" Comment="added 448 characters in body; edited title" --> Word Count (15)  
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 UserId="56922" --> Word Count (1)  
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 UserId="71515" --> Word Count (1)  
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 UserId="59893" --> Word Count (1)  
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UserId="75405" --> Word Count (1)  
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UserId="75539" --> Word Count (21)  
UserId="75539" --> Word Count (98)  
UserId="65131" --> Word Count (72)  
UserId="73441" --> Word Count (42)  
UserId="73441" --> Word Count (5)  
UserId="73441" --> Word Count (1)  
UserId="46505" Comment="A bit expanded (+minor typos fixed)." --> Word Count (63)  
UserId="29575" Comment="A bit expanded (+minor typos fixed)." --> Word Count (36)  
UserId="29575" Comment="Remove extra commentary" --> Word Count (75)  
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UserId="74319" --> Word Count (7)  
UserId="73912" --> Word Count (679)  
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UserId="75546" --> Word Count (24)  
UserId="75546" --> Word Count (6)  
UserId="75546" --> Word Count (1)  
UserId="73441" --> Word Count (76)  
UserId="73209" --> Word Count (58)  
UserId="75547" --> Word Count (65)  
UserId="49673" --> Word Count (39)  
UserId="75470" --> Word Count (123)  
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 UserId="75552" --> Word Count (11)  
 UserId="75552" --> Word Count (1)  
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 UserId="67537" --> Word Count (1)  
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 UserId="70862" Comment="deleted 5292 characters in body" --> Word Count (224)  
 UserId="39963" --> Word Count (36)  
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 UserId="75557" --> Word Count (1)  
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 UserId="29169" Comment="Improving title" --> Word Count (75)  
 UserId="29169" Comment="added 9 characters in body" --> Word Count (85)  
 UserId="29169" Comment="added 18 characters in body" --> Word Count (124)  
 UserId="29169" Comment="added 6 characters in body; edited title" --> Word Count (25)  
 UserId="29169" Comment="added 6 characters in body; edited title" --> Word Count (6)  
 UserId="55122" --> Word Count (97)  
 UserId="29169" Comment="deleted 4 characters in body" --> Word Count (40)  
 UserId="29169" Comment="added 6 characters in body; edited title" --> Word Count (67)  
 UserId="29169" Comment="added 6 characters in body; edited title" --> Word Count (9)  
 UserId="29169" Comment="added 18 characters in body" --> Word Count (228)  
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 UserId="73209" --> Word Count (5)  
 UserId="73209" --> Word Count (1)  
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 UserId="29169" Comment="deleted 1 character in body" --> Word Count (48)  
 UserId="29169" Comment="deleted 7 characters in body" --> Word Count (89)  
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 UserId="74719" --> Word Count (56)  
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 UserId="74719" --> Word Count (1)  
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 UserId="29169" Comment="added 3 characters in body; edited title" --> Word Count (19)  
 UserId="29169" Comment="added 8 characters in body" --> Word Count (70)  
 UserId="75568" --> Word Count (59)



UserId="75568" --> Word Count (10)  
 UserId="75568" --> Word Count (1)  
 UserId="75570" --> Word Count (703)  
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 UserId="67012" --> Word Count (1)  
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 UserId="75559" --> Word Count (7)  
 UserId="75559" --> Word Count (1)  
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 UserId="67012" Comment="edited tags; edited title" --> Word Count (1)  
 UserId="29169" Comment="added 4 characters in body" --> Word Count (703)  
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 UserId="56922" --> Word Count (9)  
 UserId="56922" --> Word Count (1)  
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 UserId="67012" Comment="added 41 characters in body" --> Word Count (921)  
 UserId="65131" --> Word Count (132)  
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 UserId="75158" --> Word Count (13)  
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 UserId="65131" --> Word Count (136)  
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 UserId="75152" Comment="Cleaned up grammar and made the English more natural"  
 --> Word Count (41)  
 UserId="67012" Comment="added 717 characters in body" --> Word Count (1042)  
 UserId="50363" Comment="added 143 characters in body" --> Word Count (92)  
 UserId="75580" --> Word Count (124)  
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 UserId="75580" --> Word Count (1)  
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 UserId="75582" --> Word Count (7)  
 UserId="75582" --> Word Count (1)  
 UserId="73930" --> Word Count (111)  
 UserId="75582" Comment="added 10 characters in body" --> Word Count (1135)  
 UserId="73472" --> Word Count (16)  
 UserId="73472" Comment="added 11 characters in body" --> Word Count (18)  
 UserId="36943" Comment="Added further experiments" --> Word Count (1132)  
 UserId="37330" --> Word Count (150)  
 UserId="75586" --> Word Count (33)

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UserId="75588" --> Word Count (8)
UserId="75588" --> Word Count (1)
UserId="74735" Comment="considerably changed answer, i was wrong on nltk
behaviour" Text="Oh Wow, `textblob`'s default setting can't deal with even a
reasonable amount of data.

*TL;DR: You do need better
control over what the library does.*

The class
[NaiveBayesClassifier][naive], or more exactly it's superclass
[NLTKClassifier][nltk] uses a default for of `feature_extractor`. In this case
it uses [basic_extractor][base], which, apart from stemming the words in some
way (not relevant for us here) it does the following:


features = dict(((u'contains({0})'.format(word), (word in tokens))

for word in word_features))

Once per each document
(sample).

[naive]: https://github.com/slوريا/TextBlob/blob/de
v/textblob/classifiers.py#L289
[nltk]: https://github.com/slوريا/TextBl
ob/blob/dev/textblob/classifiers.py#L188
[base]:
https://github.com/slوريا/ --> Word Count (703)
UserId="23305" Comment="added 9 characters in body" --> Word Count (32)
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UserId="29169" Comment="added 31 characters in body" --> Word Count (124)
UserId="74719" --> Word Count (58)
UserId="74719" --> Word Count (13)
UserId="74719" --> Word Count (1)
UserId="73350" --> Word Count (32)
UserId="29169" Comment="added 5 characters in body; edited title" --> Word
Count (60)
UserId="29169" Comment="added 5 characters in body; edited title" --> Word
Count (14)
UserId="75405" --> Word Count (164)
UserId="74421" Comment="added 9 characters in body" --> Word Count (179)
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Count (22)
UserId="29169" Comment="added 5 characters in body; edited title" --> Word
Count (6)
UserId="29169" Comment="added 7 characters in body" --> Word Count (98)
UserId="29169" Comment="deleted 13 characters in body" --> Word Count (525)
UserId="75599" --> Word Count (229)
UserId="75599" --> Word Count (15)
UserId="75599" --> Word Count (1)
UserId="74719" --> Word Count (27)
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 UserId="29169" Comment="edited body; edited title" --> Word Count (6)  
 UserId="29169" Comment="added 14 characters in body" --> Word Count (305)  
 UserId="29169" Comment="deleted 25 characters in body" --> Word Count (79)  
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 UserId="29169" Comment="added 29 characters in body" --> Word Count (143)  
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 UserId="74719" Comment="edited title" --> Word Count (10)  
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 UserId="51503" --> Word Count (58)  
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 UserId="33335" --> Word Count (1)  
 UserId="28685" --> Word Count (85)  
 UserId="33335" Comment="added 1 character in body" --> Word Count (23)  
 UserId="73930" --> Word Count (154)  
 UserId="53357" Comment="Formatted code." --> Word Count (169)  
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 UserId="43077" --> Word Count (1)  
 UserId="43077" Comment="edited body" --> Word Count (191)  
 UserId="56354" --> Word Count (12)  
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 UserId="65131" --> Word Count (13)  
 UserId="43077" Comment="added 28 characters in body" --> Word Count (766)

UserId="75630" --> Word Count (471)  
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 UserId="75630" --> Word Count (1)  
 UserId="46107" Comment="formatting" --> Word Count (533)  
 UserId="75631" --> Word Count (37)  
 UserId="75631" --> Word Count (15)  
 UserId="75631" --> Word Count (1)  
 UserId="75632" Text="You could look in to [Style  
 Transfer](https://github.com/fuzhenxin/Style-Transfer-in- --> Word Count (8)  
 UserId="23305" --> Word Count (86)  
 UserId="29169" Comment="added 29 characters in body" --> Word Count (57)  
 UserId="29169" Comment="deleted 1 character in body" --> Word Count (64)  
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 Count (52)  
 UserId="29169" Comment="added 14 characters in body; edited title" --> Word  
 Count (8)  
 UserId="29169" Comment="added 10 characters in body" --> Word Count (60)  
 UserId="29169" Comment="added 33 characters in body" --> Word Count (116)  
 UserId="29169" Comment="added 2 characters in body; edited title" --> Word  
 Count (1024)  
 UserId="29169" Comment="added 2 characters in body; edited title" --> Word  
 Count (11)  
 UserId="29169" Comment="deleted 11 characters in body" --> Word Count (348)  
 UserId="29169" Comment="added 6 characters in body" --> Word Count (180)  
 UserId="75637" --> Word Count (270)  
 UserId="75637" --> Word Count (8)  
 UserId="75637" --> Word Count (1)  
 UserId="29169" Comment="added 10 characters in body" --> Word Count (160)  
 UserId="29169" Comment="added 1 character in body" --> Word Count (57)  
 UserId="29169" Comment="added 53 characters in body" --> Word Count (154)  
 UserId="29169" Comment="added 5 characters in body" --> Word Count (115)  
 UserId="29169" Comment="added 5 characters in body" --> Word Count (9)  
 UserId="29169" Comment="edited body" --> Word Count (114)  
 UserId="29169" Comment="added 4 characters in body" --> Word Count (116)  
 UserId="29169" Comment="added 41 characters in body" --> Word Count (119)  
 UserId="29169" Comment="edited body; edited tags" Text="Does anyone know a  
 library for performing coreference resolution on German  
 texts?&#xD;&#xA;&#xD;&#xA;As far as I know, OpenNLP and Stanford NLP are not  
 able to perform coreference resolution for German --> Word Count (16)  
 UserId="29169" Comment="edited body; edited tags" --> Word Count (1)  
 UserId="75638" --> Word Count (106)  
 UserId="29169" Comment="added 5 characters in body" --> Word Count (575)  
 UserId="29169" Comment="deleted 21 characters in body" --> Word Count (33)  
 UserId="29169" Comment="added 7 characters in body" --> Word Count (196)  
 UserId="29169" Comment="added 91 characters in body" --> Word Count (331)  
 UserId="29169" Comment="added 1 character in body; edited title" --> Word Count  
 (223)  
 UserId="29169" Comment="added 1 character in body; edited title" --> Word Count

(10)

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UserId="29169" Comment="deleted 8 characters in body" --> Word Count (29)  
UserId="29169" Comment="deleted 1 character in body" --> Word Count (49)  
UserId="29169" Comment="deleted 23 characters in body" --> Word Count (55)  
UserId="75638" Comment="added 145 characters in body" --> Word Count (134)  
UserId="23305" Comment="added 798 characters in body" --> Word Count (199)  
UserId="54046" --> Word Count (58)  
UserId="54046" --> Word Count (5)  
UserId="54046" --> Word Count (1)  
UserId="75645" --> Word Count (61)  
UserId="75645" --> Word Count (10)  
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UserId="70898" --> Word Count (425)  
UserId="75646" --> Word Count (217)  
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UserId="14588" --> Word Count (60)  
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UserId="29169" Comment="deleted 9 characters in body" --> Word Count (63)  
UserId="29169" Comment="added 11 characters in body; edited title" --> Word Count (69)  
UserId="29169" Comment="added 11 characters in body; edited title" --> Word Count (10)  
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UserId="29169" Comment="added 12 characters in body" --> Word Count (61)  
UserId="29169" Comment="added 24 characters in body" --> Word Count (61)  
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UserId="29169" Comment="Rollback to [d0b081a0-08a5-48b0-a6f6-fd93e69cea39]" --> Word Count (1)  
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UserId="74421" Comment="added backticks " --> Word Count (110)  
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UserId="29169" Comment="added 3 characters in body" --> Word Count (207)

UserId="29169" Comment="added 10 characters in body" --> Word Count (174)  
UserId="29169" Comment="added 25 characters in body" --> Word Count (160)  
UserId="29169" Comment="added 4 characters in body" --> Word Count (33)  
UserId="29169" Comment="added 13 characters in body" --> Word Count (54)  
UserId="71675" --> Word Count (47)  
UserId="29169" Comment="added 4 characters in body; edited title" --> Word Count (24)  
UserId="29169" Comment="added 4 characters in body; edited title" --> Word Count (10)  
UserId="29169" Comment="edited body" --> Word Count (81)  
UserId="29169" Comment="edited body" --> Word Count (1)  
UserId="29169" Comment="deleted 19 characters in body" --> Word Count (143)  
UserId="29169" Comment="edited title" --> Word Count (3)  
UserId="29169" Comment="added 3 characters in body; edited title" --> Word Count (369)  
UserId="29169" Comment="added 3 characters in body; edited title" --> Word Count (11)  
UserId="64377" --> Word Count (133)  
UserId="64377" --> Word Count (78)  
UserId="71219" --> Word Count (1000)  
UserId="71219" Comment="added 11 characters in body" --> Word Count (1001)  
UserId="75657" --> Word Count (96)  
UserId="75657" --> Word Count (8)  
UserId="75657" --> Word Count (1)  
UserId="71219" Comment="added 65 characters in body" --> Word Count (1012)  
UserId="29169" Comment="deleted 14 characters in body" --> Word Count (80)  
UserId="29169" Comment="deleted 77 characters in body" --> Word Count (76)  
UserId="29169" Comment="deleted 77 characters in body" --> Word Count (8)  
UserId="29169" Comment="deleted 14 characters in body; edited title" --> Word Count (32)  
UserId="29169" Comment="deleted 14 characters in body; edited title" --> Word Count (8)  
UserId="29169" Comment="added 7 characters in body; edited title" --> Word Count (256)  
UserId="29169" Comment="added 7 characters in body; edited title" --> Word Count (8)  
UserId="29169" Comment="added 5 characters in body; edited title" --> Word Count (44)  
UserId="29169" Comment="added 5 characters in body; edited title" --> Word Count (8)  
UserId="29169" Comment="added 19 characters in body" --> Word Count (855)  
UserId="29169" Comment="added 19 characters in body" --> Word Count (6)  
UserId="29169" Comment="added 2 characters in body" --> Word Count (53)  
UserId="29169" Comment="added 17 characters in body" --> Word Count (41)  
UserId="29169" Comment="added 26 characters in body" --> Word Count (85)  
UserId="29169" Comment="deleted 3 characters in body" --> Word Count (241)  
UserId="29169" Comment="added 16 characters in body; edited title" --> Word Count (36)

UserId="29169" Comment="added 16 characters in body; edited title" --> Word Count (19)  
 UserId="29169" Comment="added 5 characters in body" --> Word Count (87)  
 UserId="29169" Comment="deleted 1 character in body; edited title" --> Word Count (133)  
 UserId="29169" Comment="deleted 1 character in body; edited title" --> Word Count (8)  
 UserId="29169" Comment="added 63 characters in body; edited title" --> Word Count (38)  
 UserId="29169" Comment="added 63 characters in body; edited title" --> Word Count (12)  
 UserId="29169" Comment="added 33 characters in body" --> Word Count (39)  
 UserId="29169" Comment="added 3 characters in body" --> Word Count (73)  
 UserId="29169" Comment="deleted 18 characters in body" --> Word Count (27)  
 UserId="29169" Comment="added 41 characters in body; edited title" --> Word Count (218)  
 UserId="29169" Comment="added 41 characters in body; edited title" --> Word Count (6)  
 UserId="29169" Comment="added 5 characters in body" --> Word Count (53)  
 UserId="29169" Comment="added 1 character in body" --> Word Count (26)  
 UserId="74421" Comment="added backtick spaces" --> Word Count (96)  
 UserId="44875" --> Word Count (100)  
 UserId="44875" Comment="added 130 characters in body" --> Word Count (118)  
 UserId="20492" --> Word Count (87)  
 UserId="71515" --> Word Count (92)  
 UserId="71515" --> Word Count (6)  
 UserId="71515" --> Word Count (1)  
 UserId="75666" --> Word Count (119)  
 UserId="75666" --> Word Count (14)  
 UserId="75666" --> Word Count (1)  
 UserId="56922" --> Word Count (193)  
 UserId="74719" --> Word Count (51)  
 UserId="74719" --> Word Count (13)  
 UserId="74719" --> Word Count (1)  
 UserId="74421" Comment="added backtick spaces" --> Word Count (93)  
 UserId="10513" --> Word Count (137)  
 UserId="10513" --> Word Count (11)  
 UserId="10513" --> Word Count (1)  
 UserId="74719" Comment="edited title" --> Word Count (13)  
 UserId="73441" --> Word Count (436)  
 UserId="75552" --> Word Count (56)  
 UserId="75552" --> Word Count (8)  
 UserId="75552" --> Word Count (1)  
 UserId="53357" --> Word Count (46)  
 UserId="53357" Comment="Corrected math and minor formatting." --> Word Count (57)  
 UserId="75671" --> Word Count (42)  
 UserId="75671" --> Word Count (16)



UserId="75671" --> Word Count (1)  
 UserId="65131" --> Word Count (114)  
 UserId="73907" --> Word Count (74)  
 UserId="73907" --> Word Count (18)  
 UserId="73907" --> Word Count (1)  
 UserId="65131" --> Word Count (96)  
 UserId="75674" --> Word Count (546)  
 UserId="75674" --> Word Count (9)  
 UserId="75674" --> Word Count (1)  
 UserId="69670" Comment="deleted 1 character in body" --> Word Count (251)  
 UserId="2459" --> Word Count (73)  
 UserId="2459" --> Word Count (42)  
 UserId="33551" --> Word Count (17)  
 UserId="2459" --> Word Count (125)  
 UserId="29575" --> Word Count (2)  
 UserId="29575" --> Word Count (2)  
 UserId="29575" --> Word Count (2)  
 UserId="29575" Comment="101" --> Word Count (2)  
 UserId="67537" --> Word Count (80)  
 UserId="67537" --> Word Count (7)  
 UserId="67537" --> Word Count (1)  
 UserId="29575" --> Word Count (2)  
 UserId="29575" Comment="Fix typo" --> Word Count (546)  
 UserId="53357" Comment="Minor formatting" --> Word Count (53)  
 UserId="53357" Comment="Minor formatting" --> Word Count (13)  
 UserId="29575" Comment="Minor formatting" --> Word Count (55)  
 UserId="29575" Comment="Minor formatting" --> Word Count (12)  
 UserId="75678" Text="While implementing text preprocessing when removing  
 stopwords using nltk we end up facing below error.&#xD;&#xA;&#xD;&#xA; from  
 tqdm import tqdm &#xD;&#xA; import nltk&#xD;&#xA; from nltk.corpus import  
 stopwords&#xD;&#xA; &#xD;&#xA; preprocessed\_reviews = []&#xD;&#xA; for  
 sentence in tqdm(final[&quot; --> Word Count (101)  
 UserId="75678" --> Word Count (8)  
 UserId="75678" --> Word Count (1)  
 UserId="35679" --> Word Count (66)  
 UserId="1330" --> Word Count (128)  
 UserId="75678" Comment="added 3 characters in body" Text="While implementing  
 text preprocessing when removing stopwords using nltk we end up facing below  
 error.&#xD;&#xA;&#xD;&#xA; from tqdm import tqdm &#xD;&#xA; import  
 nltk&#xD;&#xA; from nltk.corpus import stopwords&#xD;&#xA; &#xD;&#xA;  
 preprocessed\_reviews = []&#xD;&#xA; for sentence in tqdm(final[&quot; -->  
 Word Count (102)  
 UserId="1330" Comment="deleted 26 characters in body" --> Word Count (126)  
 UserId="1330" Comment="deleted 3 characters in body" --> Word Count (125)  
 UserId="75681" --> Word Count (229)  
 UserId="75681" --> Word Count (4)  
 UserId="75681" --> Word Count (1)  
 UserId="10814" --> Word Count (683)

UserId="10814" Comment="Missing web documentation link for FindDistribution"  
 --> Word Count (683)  
 UserId="75534" --> Word Count (104)  
 UserId="23305" Comment="102" --> Word Count (3)  
 UserId="23305" Comment="101" --> Word Count (3)  
 UserId="53357" Comment="Minor formatting." --> Word Count (157)  
 UserId="53357" Comment="Minor formatting." --> Word Count (1)  
 UserId="55122" Comment="added 182 characters in body" --> Word Count (111)  
 UserId="10814" Comment="Typo in EstimatedDistribution line of code" --> Word  
 Count (679)  
 UserId="1330" Comment="edited tags; edited title" --> Word Count (11)  
 UserId="1330" Comment="edited tags; edited title" --> Word Count (1)  
 UserId="1330" Comment="edited tags; edited title" Text="While trying to removing  
 stopwords using the nltk package, the following error  
 occurred&#xD;&#xA;&#xD;&#xA; from tqdm import tqdm &#xD;&#xA; import  
 nltk&#xD;&#xA; from nltk.corpus import stopwords&#xD;&#xA; &#xD;&#xA;  
 preprocessed\_reviews = []&#xD;&#xA; for sentence in tqdm(final[&quot; -->  
 Word Count (102)  
 UserId="75687" --> Word Count (1083)  
 UserId="75687" --> Word Count (17)  
 UserId="75687" --> Word Count (1)  
 UserId="10814" --> Word Count (382)  
 UserId="29575" --> Word Count (2)  
 UserId="29575" Comment="format error" Text="While trying to removing stopwords  
 using the nltk package, the following error occurred:&#xD;&#xA;&#xD;&#xA;  
 from tqdm import tqdm &#xD;&#xA; import nltk&#xD;&#xA; from nltk.corpus  
 import stopwords&#xD;&#xA; &#xD;&#xA; preprocessed\_reviews = []&#xD;&#xA;  
 for sentence in tqdm(final[&quot; --> Word Count (133)  
 UserId="10814" Comment="Code formatting was off in examples." --> Word Count  
 (494)  
 UserId="75690" --> Word Count (54)  
 UserId="75690" --> Word Count (5)  
 UserId="75690" --> Word Count (1)  
 UserId="75534" --> Word Count (184)  
 UserId="53357" Comment="Minor formatting." --> Word Count (84)  
 UserId="1330" Comment="deleted 2 characters in body" Text="While trying to  
 remove stopwords using the nltk package, the following error  
 occurred:&#xD;&#xA;&#xD;&#xA; from tqdm import tqdm &#xD;&#xA; import  
 nltk&#xD;&#xA; from nltk.corpus import stopwords&#xD;&#xA; &#xD;&#xA;  
 preprocessed\_reviews = []&#xD;&#xA; for sentence in tqdm(final[&quot; -->  
 Word Count (133)  
 UserId="75691" --> Word Count (156)  
 UserId="75691" Text="Incorrect Text Classification, But Accurate Model. Do I  
 Perform Manual --> Word Count (6)  
 UserId="75691" --> Word Count (1)  
 UserId="75688" --> Word Count (162)  
 UserId="70085" --> Word Count (33)  
 UserId="70085" --> Word Count (5)

UserId="70085" --> Word Count (1)  
 UserId="34269" --> Word Count (99)  
 UserId="74719" --> Word Count (22)  
 UserId="74719" --> Word Count (11)  
 UserId="74719" --> Word Count (1)  
 UserId="75687" --> Word Count (950)  
 UserId="64377" --> Word Count (148)  
 UserId="74719" Comment="edited title" --> Word Count (12)  
 UserId="75687" --> Word Count (388)  
 UserId="75687" --> Word Count (26)  
 UserId="75687" --> Word Count (1)  
 UserId="74719" --> Word Count (56)  
 UserId="74719" --> Word Count (21)  
 UserId="74719" --> Word Count (1)  
 UserId="38892" --> Word Count (19)  
 UserId="38892" Comment="edited body" --> Word Count (22)  
 UserId="70021" --> Word Count (106)  
 UserId="70021" --> Word Count (10)  
 UserId="70021" --> Word Count (1)  
 UserId="74421" --> Word Count (342)  
 UserId="74735" --> Word Count (604)  
 UserId="74421" Comment="added 535 characters in body" --> Word Count (421)  
 UserId="74421" Comment="added 535 characters in body" --> Word Count (486)  
 UserId="74421" Comment="added 41 characters in body" --> Word Count (491)  
 UserId="74421" Comment="added 33 characters in body" --> Word Count (498)  
 UserId="29169" Comment="deleted 22 characters in body; edited title" --> Word Count (54)  
 UserId="29169" Comment="deleted 22 characters in body; edited title" --> Word Count (12)  
 UserId="74421" Comment="added 28 characters in body" --> Word Count (504)  
 UserId="29169" Comment="deleted 15 characters in body; edited title" --> Word Count (29)  
 UserId="29169" Comment="deleted 15 characters in body; edited title" --> Word Count (3)  
 UserId="71464" --> Word Count (227)  
 UserId="71464" --> Word Count (10)  
 UserId="71464" --> Word Count (1)  
 UserId="73441" Comment="added 23 characters in body" --> Word Count (78)  
 UserId="50146" Comment="deleted 1 character in body" --> Word Count (138)  
 UserId="75701" --> Word Count (296)  
 UserId="75701" --> Word Count (8)  
 UserId="75701" --> Word Count (1)  
 UserId="75701" Comment="edited body" --> Word Count (296)  
 UserId="38857" --> Word Count (130)  
 UserId="38857" --> Word Count (13)  
 UserId="38857" --> Word Count (1)  
 UserId="38857" Comment="added 4 characters in body" --> Word Count (142)  
 UserId="68023" --> Word Count (315)

UserId="75484" Comment="added 57 characters in body" --> Word Count (877)  
 UserId="74735" Comment="clarified a good deal" --> Word Count (736)  
 UserId="50833" --> Word Count (69)  
 UserId="50833" --> Word Count (2)  
 UserId="50833" --> Word Count (1)  
 UserId="73636" --> Word Count (44)  
 UserId="73636" --> Word Count (4)  
 UserId="73636" --> Word Count (1)  
 UserId="74735" Comment="distinguished s-curve properties from the sign function"  
 --> Word Count (748)  
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (137)  
 UserId="53357" Comment="Removed repeated text." --> Word Count (83)  
 UserId="74719" --> Word Count (45)  
 UserId="74719" --> Word Count (21)  
 UserId="74719" --> Word Count (1)  
 UserId="29575" Comment="Fix broken links" --> Word Count (76)  
 UserId="41699" --> Word Count (40)  
 UserId="41699" --> Word Count (13)  
 UserId="41699" --> Word Count (1)  
 UserId="29575" Comment="Clarify Question" --> Word Count (52)  
 UserId="29575" Comment="Clarify Question" --> Word Count (11)  
 UserId="29575" Comment="Clarify usage" --> Word Count (76)  
 UserId="29575" Comment="Clarify usage" --> Word Count (16)  
 UserId="52291" Comment="Mathjax and minor grammar" --> Word Count (40)  
 UserId="52291" Comment="Mathjax and minor grammar" --> Word Count (13)  
 UserId="74719" Comment="edited title" --> Word Count (21)  
 UserId="74719" --> Word Count (63)  
 UserId="74719" --> Word Count (6)  
 UserId="74719" --> Word Count (1)  
 UserId="29169" Comment="edited body" --> Word Count (138)  
 UserId="75716" --> Word Count (43)  
 UserId="75716" --> Word Count (6)  
 UserId="75716" --> Word Count (1)  
 UserId="29169" Comment="added 2 characters in body" --> Word Count (77)  
 UserId="29169" Comment="deleted 24 characters in body" --> Word Count (42)  
 UserId="29169" Comment="added 33 characters in body" --> Word Count (110)  
 UserId="29169" Comment="added 6 characters in body" --> Word Count (119)  
 UserId="29169" Comment="deleted 2 characters in body" --> Word Count (71)  
 UserId="29169" Comment="added 59 characters in body" --> Word Count (90)  
 UserId="29169" Comment="added 28 characters in body" --> Word Count (1405)  
 UserId="29169" Comment="added 28 characters in body" --> Word Count (5)  
 UserId="29169" Comment="added 36 characters in body" --> Word Count (267)  
 UserId="29169" Comment="deleted 10 characters in body" --> Word Count (116)  
 UserId="29169" Comment="deleted 24 characters in body; edited title" --> Word  
 Count (484)  
 UserId="29169" Comment="deleted 24 characters in body; edited title" --> Word  
 Count (15)  
 UserId="29169" Comment="deleted 7 characters in body; edited tags" Text="On the

surface, this sounds like a pretty stupid question. However, i've spent the day poking around various sources and can't find an answer. &#xD;&#xA;&#xD;&#xA;Let me make the question more clear. &#xD;&#xA;&#xD;&#xA;Take this classic image: &#xD;&#xA;&#xD;&#xA;[![enter image description here][1]][1]&#xD;&#xA;&#xD;&#xA;Clearly, the input layer is a vector with 3 components. Each of the three components is propagated to the hidden layer. Each neuron, in the hidden layer, sees the same vector with 3 components -- all neurons see the same data. &#xD;&#xA;&#xD;&#xA;So we are at the hidden layer now. From what I read, this layer is normally just ReLus or sigmoids. &#xD;&#xA;&#xD;&#xA;Correct me if I'm wrong, but a ReLu is a ReLu. Why would you need 4 of the exact same function, all seeing the exact same data? &#xD;&#xA;&#xD;&#xA;What makes the red neurons in the hidden layer different from each other? Are they supposed to be different? I haven't read anything about tuning or setting parameters or perturbing different neurons to have them be different. But if they aren't different...then what's the point? &#xD;&#xA;&#xD;&#xA;[ --> Word Count (37)

UserId="29169" Comment="deleted 7 characters in body; edited tags" --> Word Count (1)

UserId="29169" Comment="deleted 9 characters in body" --> Word Count (25)

UserId="29169" Comment="deleted 37 characters in body" --> Word Count (40)

UserId="29169" Comment="added 27 characters in body" --> Word Count (148)

UserId="29169" Comment="added 3 characters in body; edited title" --> Word Count (146)

UserId="29169" Comment="added 3 characters in body; edited title" --> Word Count (3)

UserId="29169" Comment="deleted 23 characters in body" --> Word Count (65)

UserId="73930" --> Word Count (15)

UserId="29169" Comment="added 18 characters in body" --> Word Count (54)

UserId="29169" Comment="added 7 characters in body; edited title" --> Word Count (71)

UserId="29169" Comment="added 7 characters in body; edited title" --> Word Count (7)

UserId="29169" Comment="added 4 characters in body" --> Word Count (43)

UserId="29169" Comment="added 9 characters in body" --> Word Count (373)

UserId="29169" Comment="added 4 characters in body" --> Word Count (72)

UserId="29169" Comment="added 7 characters in body; edited title" --> Word Count (131)

UserId="29169" Comment="added 7 characters in body; edited title" --> Word Count (14)

UserId="53357" Comment="Minor formatting." --> Word Count (43)

UserId="53357" Comment="Minor formatting." --> Word Count (13)

UserId="41699" Comment="added 66 characters in body" --> Word Count (50)

UserId="29169" Comment="deleted 12 characters in body" --> Word Count (115)

UserId="29169" Comment="deleted 12 characters in body" --> Word Count (6)

UserId="29169" Comment="added 7 characters in body" --> Word Count (107)

UserId="29169" Comment="added 3 characters in body" --> Word Count (71)

UserId="29169" Comment="added 3 characters in body" --> Word Count (6)

UserId="29169" Comment="added 4 characters in body" --> Word Count (54)

UserId="29169" Comment="added 4 characters in body" --> Word Count (1)  
 UserId="29169" Comment="edited body" --> Word Count (89)  
 UserId="29169" Comment="added 45 characters in body; edited title" --> Word Count (635)  
 UserId="29169" Comment="added 45 characters in body; edited title" --> Word Count (7)  
 UserId="29169" Comment="added 3 characters in body" --> Word Count (53)  
 UserId="29169" Comment="added 43 characters in body" --> Word Count (132)  
 UserId="29169" Comment="added 24 characters in body" --> Word Count (61)  
 UserId="29169" Comment="added 7 characters in body; edited tags" --> Word Count (95)  
 UserId="29169" Comment="added 7 characters in body; edited tags" --> Word Count (1)  
 UserId="71675" Comment="added 195 characters in body; added 1 character in body" --> Word Count (85)  
 UserId="66720" --> Word Count (314)  
 UserId="66720" --> Word Count (8)  
 UserId="66720" --> Word Count (1)  
 UserId="71675" --> Word Count (89)  
 UserId="71675" --> Word Count (114)  
 UserId="71675" Comment="deleted 17 characters in body; added 172 characters in body" --> Word Count (151)  
 UserId="29169" Comment="added 3 characters in body" --> Word Count (184)  
 UserId="29169" Comment="added 19 characters in body" --> Word Count (265)  
 UserId="29169" Comment="added 19 characters in body" --> Word Count (5)  
 UserId="71675" --> Word Count (72)  
 UserId="71675" Comment="deleted 9 characters in body; added 27 characters in body" --> Word Count (75)  
 UserId="29169" Comment="added 46 characters in body" --> Word Count (117)  
 UserId="29169" Comment="added 5 characters in body" --> Word Count (45)  
 UserId="8284" --> Word Count (380)  
 UserId="8284" Comment="added 30 characters in body" --> Word Count (385)  
 UserId="29169" Comment="added 13 characters in body" --> Word Count (133)  
 UserId="29169" Comment="added 13 characters in body" --> Word Count (6)  
 UserId="29169" Comment="added 22 characters in body" --> Word Count (43)  
 UserId="29169" Comment="deleted 97 characters in body; edited title" --> Word Count (373)  
 UserId="29169" Comment="deleted 97 characters in body; edited title" --> Word Count (5)  
 UserId="29169" Comment="added 11 characters in body" --> Word Count (301)  
 UserId="64377" --> Word Count (202)  
 UserId="68023" Comment="added 44 characters in body" --> Word Count (328)  
 UserId="68023" --> Word Count (203)  
 UserId="68023" Comment="added images" --> Word Count (214)  
 UserId="74421" --> Word Count (30)  
 UserId="74421" --> Word Count (5)  
 UserId="74421" --> Word Count (1)  
 UserId="68023" --> Word Count (220)

UserId="38892" --> Word Count (13)  
 UserId="75738" --> Word Count (143)  
 UserId="75738" --> Word Count (5)  
 UserId="75738" --> Word Count (1)  
 UserId="53357" Comment="Corrected math and minor formatting." --> Word Count (30)  
 UserId="75741" --> Word Count (54)  
 UserId="75740" --> Word Count (202)  
 UserId="74719" Comment="edited title" --> Word Count (7)  
 UserId="38892" Comment="added 7 characters in body" --> Word Count (29)  
 UserId="73907" --> Word Count (51)  
 UserId="73907" --> Word Count (10)  
 UserId="73907" --> Word Count (1)  
 UserId="75750" --> Word Count (73)  
 UserId="75750" --> Word Count (8)  
 UserId="75750" --> Word Count (1)  
 UserId="73912" --> Word Count (406)  
 UserId="73912" --> Word Count (5)  
 UserId="73912" --> Word Count (1)  
 UserId="71371" --> Word Count (79)  
 UserId="66720" Comment="added 40 characters in body" --> Word Count (322)  
 UserId="65131" --> Word Count (123)  
 UserId="38911" --> Word Count (207)  
 UserId="38911" --> Word Count (9)  
 UserId="38911" --> Word Count (1)  
 UserId="71442" --> Word Count (171)  
 UserId="73400" --> Word Count (235)  
 UserId="73400" --> Word Count (6)  
 UserId="73400" --> Word Count (1)  
 UserId="38911" Comment="added 75 characters in body" --> Word Count (217)  
 UserId="75748" Comment="Fix typo in title: &quot;insted&quot; -&gt; &quot;instead&quot;" --> Word Count (12)  
 UserId="29575" Comment="Fix typo in title: &quot;insted&quot; -&gt; &quot;instead&quot;" --> Word Count (118)  
 UserId="74650" --> Word Count (774)  
 UserId="74650" --> Word Count (5)  
 UserId="74650" --> Word Count (1)  
 UserId="62521" --> Word Count (108)  
 UserId="62521" --> Word Count (3)  
 UserId="62521" --> Word Count (1)  
 UserId="71371" --> Word Count (97)  
 UserId="73987" --> Word Count (179)  
 UserId="73987" --> Word Count (6)  
 UserId="73987" --> Word Count (1)  
 UserId="73987" Comment="deleted 1 character in body" --> Word Count (179)  
 UserId="75502" --> Word Count (55)  
 UserId="75502" --> Word Count (7)  
 UserId="75502" --> Word Count (1)

UserId="65131" --> Word Count (131)  
 UserId="73930" Comment="deleted 1 character in body" --> Word Count (83)  
 UserId="64377" --> Word Count (117)  
 UserId="50146" Comment="deleted 1 character in body" --> Word Count (195)  
 UserId="67200" --> Word Count (111)  
 UserId="67200" --> Word Count (9)  
 UserId="67200" --> Word Count (1)  
 UserId="70898" --> Word Count (988)  
 UserId="44875" --> Word Count (112)  
 UserId="44875" --> Word Count (6)  
 UserId="44875" --> Word Count (1)  
 UserId="38911" Comment="added 454 characters in body" --> Word Count (285)  
 UserId="45577" --> Word Count (68)  
 UserId="29169" Comment="added 26 characters in body" --> Word Count (59)  
 UserId="29169" Comment="deleted 10 characters in body" --> Word Count (102)  
 UserId="29169" Comment="added 6 characters in body" --> Word Count (771)  
 UserId="29169" Comment="added 6 characters in body" --> Word Count (50)  
 UserId="29169" Comment="added 1 character in body" --> Word Count (28)  
 UserId="75761" --> Word Count (98)  
 UserId="75761" --> Word Count (10)  
 UserId="75761" --> Word Count (1)  
 UserId="75765" --> Word Count (128)  
 UserId="75765" --> Word Count (13)  
 UserId="75765" --> Word Count (1)  
 UserId="39963" --> Word Count (34)  
 UserId="60068" --> Word Count (174)  
 UserId="29169" Comment="deleted 1 character in body" --> Word Count (128)  
 UserId="29169" Comment="added 6 characters in body" --> Word Count (40)  
 UserId="29169" Comment="added 37 characters in body" --> Word Count (190)  
 UserId="29169" Comment="added 37 characters in body" --> Word Count (3)  
 UserId="29169" Comment="added 3 characters in body" --> Word Count (225)  
 UserId="38892" --> Word Count (88)  
 UserId="29169" Comment="added 32 characters in body; edited title" --> Word Count (331)  
 UserId="29169" Comment="added 32 characters in body; edited title" --> Word Count (9)  
 UserId="38892" Comment="deleted 1 character in body" --> Word Count (285)  
 UserId="29169" Comment="added 12 characters in body; edited title" --> Word Count (69)  
 UserId="29169" Comment="added 12 characters in body; edited title" --> Word Count (9)  
 UserId="29169" Comment="added 6 characters in body" --> Word Count (48)  
 UserId="60068" Comment="added 113 characters in body" --> Word Count (178)  
 UserId="56947" --> Word Count (41)  
 UserId="56947" --> Word Count (9)  
 UserId="56947" --> Word Count (1)  
 UserId="75738" Comment="added 44 characters in body" --> Word Count (151)  
 UserId="75765" Comment="edited title" --> Word Count (13)



UserId="56947" Comment="deleted 4 characters in body" --> Word Count (39)  
 UserId="29169" Comment="added 7 characters in body" --> Word Count (40)  
 UserId="29169" Comment="added 9 characters in body" --> Word Count (94)  
 UserId="29169" Comment="added 9 characters in body" --> Word Count (6)  
 UserId="75738" --> Word Count (147)  
 UserId="75738" --> Word Count (8)  
 UserId="75738" --> Word Count (1)  
 UserId="29169" Comment="added 36 characters in body" --> Word Count (70)  
 UserId="29169" Comment="added 33 characters in body" --> Word Count (153)  
 UserId="29169" Comment="deleted 233 characters in body" --> Word Count (239)  
 UserId="29169" Comment="deleted 233 characters in body" --> Word Count (20)  
 UserId="75774" --> Word Count (183)  
 UserId="75774" --> Word Count (5)  
 UserId="75774" --> Word Count (1)  
 UserId="29169" Comment="added 4 characters in body" --> Word Count (182)  
 UserId="75770" --> Word Count (246)  
 UserId="75770" --> Word Count (11)  
 UserId="75770" --> Word Count (1)  
 UserId="75774" Comment="added 32 characters in body" --> Word Count (185)  
 UserId="38556" --> Word Count (136)  
 UserId="38556" --> Word Count (11)  
 UserId="38556" --> Word Count (1)  
 UserId="38892" Comment="added 16 characters in body" --> Word Count (136)  
 UserId="56753" --> Word Count (301)  
 UserId="56753" --> Word Count (16)  
 UserId="56753" --> Word Count (1)  
 UserId="56753" Comment="added 224 characters in body" --> Word Count (355)  
 UserId="29169" Comment="deleted 7 characters in body" --> Word Count (62)  
 UserId="29169" Comment="deleted 102 characters in body" --> Word Count (159)  
 UserId="75778" --> Word Count (165)  
 UserId="75778" --> Word Count (18)  
 UserId="75778" --> Word Count (1)  
 UserId="45264" Comment="Reverted some changed. Please do not change British spellings to American equivalentents." --> Word Count (375)  
 UserId="75782" --> Word Count (177)  
 UserId="75782" --> Word Count (3)  
 UserId="75782" --> Word Count (1)  
 UserId="69151" --> Word Count (1549)  
 UserId="69151" --> Word Count (7)  
 UserId="69151" --> Word Count (1)  
 UserId="46505" --> Word Count (99)  
 UserId="29169" Comment="deleted 3 characters in body" --> Word Count (48)  
 UserId="29169" Comment="deleted 3 characters in body" --> Word Count (12)  
 UserId="42204" --> Word Count (111)  
 UserId="42204" --> Word Count (5)  
 UserId="42204" --> Word Count (1)  
 UserId="74421" Comment="added backtick spaces" --> Word Count (110)  
 UserId="73832" --> Word Count (187)

UserId="73832" --> Word Count (15)  
 UserId="73832" --> Word Count (1)  
 UserId="73832" Comment="added 118 characters in body" --> Word Count (208)  
 UserId="53357" Comment="corrected code indentation." --> Word Count (185)  
 UserId="29575" Comment="corrected code indentation." --> Word Count (190)  
 UserId="46505" Comment="Minor typos." --> Word Count (165)  
 UserId="46505" Comment="Minor typos." --> Word Count (1)  
 UserId="29575" Comment="Clarify Question" --> Word Count (131)  
 UserId="29575" Comment="104" --> Word Count (2)  
 UserId="10814" --> Word Count (137)  
 UserId="10814" Comment="Added example usage" --> Word Count (193)  
 UserId="75716" --> Word Count (28)  
 UserId="75716" --> Word Count (10)  
 UserId="75716" --> Word Count (1)  
 UserId="61634" --> Word Count (84)  
 UserId="75787" --> Word Count (26)  
 UserId="75787" --> Word Count (7)  
 UserId="75787" --> Word Count (1)  
 UserId="46505" --> Word Count (54)  
 UserId="39963" --> Word Count (24)  
 UserId="44456" --> Word Count (519)  
 UserId="75787" Comment="added 174 characters in body" --> Word Count (56)  
 UserId="66177" --> Word Count (64)  
 UserId="66177" --> Word Count (15)  
 UserId="66177" --> Word Count (1)  
 UserId="46505" --> Word Count (194)  
 UserId="71587" --> Word Count (118)  
 UserId="71587" --> Word Count (9)  
 UserId="71587" --> Word Count (1)  
 UserId="75801" --> Word Count (53)  
 UserId="75801" --> Word Count (7)  
 UserId="75801" --> Word Count (1)  
 UserId="73209" --> Word Count (191)  
 UserId="73209" --> Word Count (63)  
 UserId="73209" Comment="added 19 characters in body" --> Word Count (63)  
 UserId="38892" --> Word Count (64)  
 UserId="38892" Comment="added 7733 characters in body" --> Word Count (2805)  
 UserId="45264" Comment="Corrected typo. " --> Word Count (217)  
 UserId="46505" Comment="Minor typos." --> Word Count (209)  
 UserId="46505" Comment="Minor typos." --> Word Count (1)  
 UserId="29575" Comment="Minor grammar" --> Word Count (191)  
 UserId="75810" --> Word Count (162)  
 UserId="75810" --> Word Count (20)  
 UserId="75810" --> Word Count (1)  
 UserId="40983" --> Word Count (263)  
 UserId="40983" --> Word Count (7)  
 UserId="40983" --> Word Count (1)  
 UserId="56913" --> Word Count (72)

UserId="56913" --> Word Count (11)  
 UserId="56913" --> Word Count (1)  
 UserId="62528" --> Word Count (46)  
 UserId="62528" --> Word Count (19)  
 UserId="62528" --> Word Count (1)  
 UserId="65131" --> Word Count (85)  
 UserId="38892" Comment="added 1 character in body" --> Word Count (73)  
 UserId="65970" --> Word Count (170)  
 UserId="38892" Comment="added 3 characters in body" --> Word Count (459)  
 UserId="40983" Comment="added 199 characters in body" --> Word Count (284)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (231)  
 UserId="29169" Comment="added 29 characters in body" --> Word Count (57)  
 UserId="29169" Comment="added 18 characters in body" --> Word Count (69)  
 UserId="29169" Comment="added 18 characters in body" --> Word Count (1)  
 UserId="29169" Comment="added 48 characters in body" --> Word Count (81)  
 UserId="29169" Comment="added 48 characters in body" --> Word Count (4)  
 UserId="69263" Comment="keep codes and description of codes inside of backticks"  
 --> Word Count (157)  
 UserId="29169" Comment="deleted 15 characters in body" --> Word Count (50)  
 UserId="29169" Comment="deleted 14 characters in body" --> Word Count (246)  
 UserId="29169" Comment="edited title" --> Word Count (8)  
 UserId="29169" Comment="added 32 characters in body" --> Word Count (89)  
 UserId="29169" Comment="added 20 characters in body" --> Word Count (99)  
 UserId="29169" Comment="added 4 characters in body" --> Word Count (56)  
 UserId="29169" Comment="added 41 characters in body" --> Word Count (42)  
 UserId="29169" Comment="added 13 characters in body; edited title" --> Word  
 Count (91)  
 UserId="29169" Comment="added 13 characters in body; edited title" --> Word  
 Count (6)  
 UserId="29169" Comment="added 14 characters in body" --> Word Count (44)  
 UserId="75825" --> Word Count (48)  
 UserId="75825" --> Word Count (14)  
 UserId="75825" --> Word Count (1)  
 UserId="53648" --> Word Count (83)  
 UserId="53648" --> Word Count (6)  
 UserId="53648" --> Word Count (1)  
 UserId="65131" --> Word Count (142)  
 UserId="75829" --> Word Count (68)  
 UserId="75829" --> Word Count (17)  
 UserId="75829" --> Word Count (1)  
 UserId="70642" --> Word Count (163)  
 UserId="70642" --> Word Count (13)  
 UserId="70642" --> Word Count (1)  
 UserId="36949" --> Word Count (422)  
 UserId="36949" --> Word Count (11)  
 UserId="36949" --> Word Count (1)  
 UserId="69263" --> Word Count (222)  
 UserId="75685" --> Word Count (72)

UserId="75685" --> Word Count (4)  
 UserId="75685" --> Word Count (1)  
 UserId="45264" --> Word Count (208)  
 UserId="29169" Comment="deleted 2 characters in body" --> Word Count (157)  
 UserId="29169" Comment="deleted 2 characters in body" --> Word Count (1)  
 UserId="70392" --> Word Count (318)  
 UserId="70392" --> Word Count (11)  
 UserId="70392" --> Word Count (1)  
 UserId="29575" Comment="105" --> Word Count (4)  
 UserId="75831" --> Word Count (105)  
 UserId="75831" --> Word Count (9)  
 UserId="75831" --> Word Count (1)  
 UserId="75642" --> Word Count (52)  
 UserId="75642" --> Word Count (6)  
 UserId="75642" --> Word Count (1)  
 UserId="38911" --> Word Count (210)  
 UserId="38911" --> Word Count (8)  
 UserId="38911" --> Word Count (1)  
 UserId="75836" --> Word Count (171)  
 UserId="75836" --> Word Count (5)  
 UserId="75836" --> Word Count (1)  
 UserId="75836" Comment="edited tags" --> Word Count (1)  
 UserId="75685" Comment="edited tags" --> Word Count (1)  
 UserId="75837" --> Word Count (298)  
 UserId="75837" --> Word Count (14)  
 UserId="75837" --> Word Count (1)  
 UserId="75838" --> Word Count (26)  
 UserId="24883" --> Word Count (1226)  
 UserId="24883" --> Word Count (10)  
 UserId="24883" --> Word Count (1)  
 UserId="24883" Comment="added 37 characters in body" --> Word Count (1228)  
 UserId="75835" --> Word Count (1193)  
 UserId="75835" --> Word Count (7)  
 UserId="75835" --> Word Count (1)  
 UserId="45264" Comment="Added example with many distributions." --> Word Count (415)  
 UserId="55122" --> Word Count (46)  
 UserId="29575" Comment="Minor formatting" --> Word Count (38)  
 UserId="55122" Comment="added 365 characters in body" --> Word Count (111)  
 UserId="29169" Comment="added 20 characters in body" --> Word Count (184)  
 UserId="75841" --> Word Count (84)  
 UserId="75841" --> Word Count (6)  
 UserId="75841" --> Word Count (1)  
 UserId="29169" Comment="added 4 characters in body" --> Word Count (82)  
 UserId="74421" Comment="added backticks " --> Word Count (105)  
 UserId="29575" Comment="added backticks " --> Word Count (105)  
 UserId="75843" --> Word Count (61)  
 UserId="75843" --> Word Count (8)

UserId="75843" --> Word Count (1)  
 UserId="14518" Comment="added 182 characters in body" --> Word Count (219)  
 UserId="10814" Comment="Added kernel option for one-time download of CUDA binaries." --> Word Count (549)  
 UserId="65131" --> Word Count (70)  
 UserId="26562" --> Word Count (126)  
 UserId="75842" --> Word Count (416)  
 UserId="75842" --> Word Count (11)  
 UserId="75842" --> Word Count (1)  
 UserId="14588" --> Word Count (574)  
 UserId="29169" Comment="added 46 characters in body" --> Word Count (62)  
 UserId="69121" --> Word Count (135)  
 UserId="69121" --> Word Count (11)  
 UserId="69121" --> Word Count (1)  
 UserId="69121" Comment="added 3 characters in body" --> Word Count (136)  
 UserId="39811" --> Word Count (251)  
 UserId="39811" --> Word Count (5)  
 UserId="39811" --> Word Count (1)  
 UserId="10814" Comment="Added continuous case for larger number of points." --> Word Count (303)  
 UserId="75851" --> Word Count (103)  
 UserId="75851" --> Word Count (8)  
 UserId="75851" --> Word Count (1)  
 UserId="47311" --> Word Count (238)  
 UserId="38892" --> Word Count (32)  
 UserId="49700" Comment="deleted 6 characters in body" --> Word Count (148)  
 UserId="75855" --> Word Count (318)  
 UserId="75855" --> Word Count (13)  
 UserId="75855" --> Word Count (1)  
 UserId="29169" Comment="added 69 characters in body" --> Word Count (317)  
 UserId="75484" --> Word Count (161)  
 UserId="75484" --> Word Count (5)  
 UserId="75484" --> Word Count (1)  
 UserId="73441" --> Word Count (149)  
 UserId="73441" --> Word Count (99)  
 UserId="29169" Comment="added 584 characters in body" --> Word Count (790)  
 UserId="29169" Comment="added 55 characters in body" --> Word Count (131)  
 UserId="75857" --> Word Count (421)  
 UserId="75857" --> Word Count (7)  
 UserId="75857" --> Word Count (1)  
 UserId="29169" Comment="added 55 characters in body" --> Word Count (7)  
 UserId="29169" Comment="added 29 characters in body" --> Word Count (106)  
 UserId="39811" Comment="edited title" --> Word Count (5)  
 UserId="29169" Comment="added 7 characters in body" --> Word Count (57)  
 UserId="29169" Comment="added 20 characters in body" --> Word Count (92)  
 UserId="29169" Comment="added 46 characters in body" --> Word Count (438)  
 UserId="53357" --> Word Count (72)  
 UserId="75849" --> Word Count (294)

UserId="75738" --> Word Count (41)  
 UserId="75738" --> Word Count (10)  
 UserId="75738" --> Word Count (1)  
 UserId="75849" --> Word Count (220)  
 UserId="38892" Comment="added 13 characters in body" --> Word Count (214)  
 UserId="50406" --> Word Count (94)  
 UserId="75867" --> Word Count (36)  
 UserId="50406" --> Word Count (126)  
 UserId="68773" --> Word Count (60)  
 UserId="75352" Comment="added 25 characters in body" --> Word Count (66)  
 UserId="75873" --> Word Count (22)  
 UserId="50146" Comment="added 1 character in body" --> Word Count (127)  
 UserId="73209" --> Word Count (83)  
 UserId="51836" --> Word Count (252)  
 UserId="73912" --> Word Count (272)  
 UserId="73912" --> Word Count (6)  
 UserId="73912" --> Word Count (1)  
 UserId="44456" --> Word Count (281)  
 UserId="65699" --> Word Count (217)  
 UserId="65699" --> Word Count (15)  
 UserId="65699" --> Word Count (1)  
 UserId="61634" --> Word Count (81)  
 UserId="71442" --> Word Count (254)  
 UserId="75877" --> Word Count (707)  
 UserId="75877" --> Word Count (11)  
 UserId="75877" --> Word Count (1)  
 UserId="65131" --> Word Count (205)  
 UserId="8013" --> Word Count (180)  
 UserId="8013" --> Word Count (17)  
 UserId="8013" --> Word Count (1)  
 UserId="8013" Comment="added 80 characters in body" --> Word Count (192)  
 UserId="-1" Comment="104" --> Word Count (4)  
 UserId="71689" --> Word Count (56)  
 UserId="71689" --> Word Count (4)  
 UserId="71689" --> Word Count (1)  
 UserId="44456" Comment="added 68 characters in body" --> Word Count (288)  
 UserId="52196" Comment="improved formatting" --> Word Count (138)  
 UserId="50406" Comment="Gradient descent does not go with this questoin" -->  
 Word Count (1)  
 UserId="50406" Comment="Altered Question" --> Word Count (136)  
 UserId="75867" --> Word Count (148)  
 UserId="75867" Comment="deleted 41 characters in body" --> Word Count (141)  
 UserId="50406" Comment="removed tag" --> Word Count (1)  
 UserId="75886" --> Word Count (56)  
 UserId="75886" --> Word Count (15)  
 UserId="75886" --> Word Count (1)  
 UserId="65131" Comment="correct a typo" --> Word Count (144)  
 UserId="70164" --> Word Count (148)

UserId="70164" --> Word Count (8)  
 UserId="70164" --> Word Count (1)  
 UserId="65131" --> Word Count (47)  
 UserId="50406" --> Word Count (191)  
 UserId="66387" --> Word Count (88)  
 UserId="66387" --> Word Count (9)  
 UserId="66387" --> Word Count (1)  
 UserId="24883" Comment="deleted 135 characters in body" --> Word Count (1206)  
 UserId="75890" --> Word Count (80)  
 UserId="75890" --> Word Count (11)  
 UserId="75890" --> Word Count (1)  
 UserId="65131" --> Word Count (113)  
 UserId="71442" --> Word Count (410)  
 UserId="71838" --> Word Count (300)  
 UserId="71838" --> Word Count (5)  
 UserId="71838" --> Word Count (1)  
 UserId="61883" --> Word Count (74)  
 UserId="61883" --> Word Count (11)  
 UserId="61883" --> Word Count (1)  
 UserId="38892" --> Word Count (102)  
 UserId="38892" Comment="added 5 characters in body" --> Word Count (300)  
 UserId="10640" Comment="Title improved" --> Word Count (11)  
 UserId="50406" Comment="created frame" --> Word Count (149)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (41)  
 UserId="71838" Comment="added 165 characters in body" --> Word Count (350)  
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (141)  
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (1)  
 UserId="29575" --> Word Count (1)  
 UserId="29575" --> Word Count (17)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (408)  
 UserId="71838" Comment="added 33 characters in body" --> Word Count (352)  
 UserId="71587" --> Word Count (188)  
 UserId="71587" --> Word Count (6)  
 UserId="71587" --> Word Count (1)  
 UserId="44456" --> Word Count (415)  
 UserId="44456" --> Word Count (11)  
 UserId="44456" --> Word Count (1)  
 UserId="64377" --> Word Count (66)  
 UserId="57207" --> Word Count (382)  
 UserId="57207" --> Word Count (8)  
 UserId="57207" --> Word Count (1)  
 UserId="57207" Comment="added 7 characters in body; edited title" --> Word Count (384)  
 UserId="57207" Comment="added 7 characters in body; edited title" --> Word Count (8)  
 UserId="29169" Comment="added 6 characters in body" --> Word Count (354)  
 UserId="68028" --> Word Count (20)  
 UserId="68028" --> Word Count (7)

UserId="68028" --> Word Count (1)  
 UserId="8013" Comment="added 56 characters in body" --> Word Count (202)  
 UserId="29169" Comment="added 7 characters in body; edited title" --> Word Count (19)  
 UserId="29169" Comment="added 7 characters in body; edited title" --> Word Count (7)  
 UserId="29169" Comment="added 2 characters in body" --> Word Count (384)  
 UserId="26202" --> Word Count (301)  
 UserId="29169" Comment="added 3 characters in body" --> Word Count (46)  
 UserId="26202" --> Word Count (32)  
 UserId="64377" --> Word Count (103)  
 UserId="71276" --> Word Count (95)  
 UserId="71276" --> Word Count (10)  
 UserId="71276" --> Word Count (1)  
 UserId="75841" --> Word Count (92)  
 UserId="65699" Comment="deleted 72 characters in body" --> Word Count (205)  
 UserId="68367" --> Word Count (73)  
 UserId="68367" --> Word Count (7)  
 UserId="68367" --> Word Count (1)  
 UserId="29169" Comment="added 20 characters in body" --> Word Count (74)  
 UserId="29169" Comment="added 20 characters in body" --> Word Count (8)  
 UserId="73890" --> Word Count (310)  
 UserId="73890" --> Word Count (11)  
 UserId="73890" --> Word Count (1)  
 UserId="75848" --> Word Count (269)  
 UserId="75848" --> Word Count (13)  
 UserId="75848" --> Word Count (1)  
 UserId="52291" --> Word Count (56)  
 UserId="52291" Comment="Added docs" --> Word Count (66)  
 UserId="23159" --> Word Count (129)  
 UserId="68705" --> Word Count (61)  
 UserId="68705" --> Word Count (13)  
 UserId="68705" --> Word Count (1)  
 UserId="75911" --> Word Count (303)  
 UserId="75911" --> Word Count (11)  
 UserId="75911" --> Word Count (1)  
 UserId="75912" --> Word Count (1383)  
 UserId="75912" --> Word Count (16)  
 UserId="75912" --> Word Count (1)  
 UserId="74421" Comment="added backticks" --> Word Count (311)  
 UserId="73890" Comment="added 2 characters in body" --> Word Count (311)  
 UserId="74421" Comment="added backticks" --> Word Count (271)  
 UserId="75842" --> Word Count (105)  
 UserId="75842" --> Word Count (10)  
 UserId="75842" --> Word Count (1)  
 UserId="74421" Comment="added \$ and backtick" --> Word Count (296)  
 UserId="29575" Comment="added \$ and backtick" --> Word Count (296)  
 UserId="71587" --> Word Count (98)



UserId="71587" --> Word Count (4)  
 UserId="71587" --> Word Count (1)  
 UserId="74421" --> Word Count (68)  
 UserId="74421" --> Word Count (12)  
 UserId="74421" --> Word Count (1)  
 UserId="74421" Comment="added 205 characters in body" --> Word Count (99)  
 UserId="75921" --> Word Count (58)  
 UserId="75921" --> Word Count (8)  
 UserId="75921" --> Word Count (1)  
 UserId="73441" --> Word Count (46)  
 UserId="61417" --> Word Count (254)  
 UserId="61417" --> Word Count (6)  
 UserId="61417" --> Word Count (1)  
 UserId="75855" Comment="deleted 49 characters in body" --> Word Count (314)  
 UserId="53648" Comment="added 171 characters in body" --> Word Count (104)  
 UserId="73912" --> Word Count (66)  
 UserId="73912" --> Word Count (7)  
 UserId="73912" --> Word Count (1)  
 UserId="75930" --> Word Count (307)  
 UserId="75930" --> Word Count (10)  
 UserId="75930" --> Word Count (1)  
 UserId="53357" --> Word Count (111)  
 UserId="75931" --> Word Count (40)  
 UserId="75931" --> Word Count (14)  
 UserId="75931" --> Word Count (1)  
 UserId="53357" --> Word Count (36)  
 UserId="73441" --> Word Count (175)  
 UserId="53357" Comment="deleted 6 characters in body" --> Word Count (97)  
 UserId="75928" --> Word Count (321)  
 UserId="75928" --> Word Count (6)  
 UserId="75928" --> Word Count (1)  
 UserId="65131" --> Word Count (102)  
 UserId="50406" --> Word Count (56)  
 UserId="50406" --> Word Count (5)  
 UserId="50406" --> Word Count (1)  
 UserId="75934" --> Word Count (261)  
 UserId="75934" --> Word Count (4)  
 UserId="75934" --> Word Count (1)  
 UserId="50406" --> Word Count (89)  
 UserId="75941" --> Word Count (70)  
 UserId="75941" --> Word Count (20)  
 UserId="75941" --> Word Count (1)  
 UserId="61883" Comment="added 274 characters in body" --> Word Count (119)  
 UserId="53357" --> Word Count (145)  
 UserId="75931" --> Word Count (45)  
 UserId="75931" --> Word Count (11)  
 UserId="75931" --> Word Count (1)  
 UserId="53357" --> Word Count (29)

UserId="75944" --> Word Count (58)  
 UserId="75944" --> Word Count (6)  
 UserId="75944" --> Word Count (1)  
 UserId="75945" --> Word Count (72)  
 UserId="75945" --> Word Count (8)  
 UserId="75945" --> Word Count (1)  
 UserId="65131" --> Word Count (61)  
 UserId="75937" --> Word Count (60)  
 UserId="75937" --> Word Count (17)  
 UserId="75937" --> Word Count (1)  
 UserId="75949" --> Word Count (99)  
 UserId="75949" --> Word Count (5)  
 UserId="75949" --> Word Count (1)  
 UserId="53357" --> Word Count (216)  
 UserId="36949" --> Word Count (49)  
 UserId="36949" --> Word Count (13)  
 UserId="36949" --> Word Count (1)  
 UserId="75951" --> Word Count (141)  
 UserId="75951" --> Word Count (10)  
 UserId="75951" --> Word Count (1)  
 UserId="73441" --> Word Count (110)  
 UserId="75952" --> Word Count (538)  
 UserId="75952" --> Word Count (10)  
 UserId="75952" --> Word Count (1)  
 UserId="61883" Comment="deleted 7 characters in body" --> Word Count (118)  
 UserId="75631" --> Word Count (51)  
 UserId="75631" --> Word Count (12)  
 UserId="75631" --> Word Count (1)  
 UserId="75953" --> Word Count (51)  
 UserId="75953" --> Word Count (15)  
 UserId="75953" --> Word Count (1)  
 UserId="71914" --> Word Count (644)  
 UserId="71914" --> Word Count (8)  
 UserId="71914" --> Word Count (1)  
 UserId="64856" --> Word Count (119)  
 UserId="64856" --> Word Count (12)  
 UserId="64856" --> Word Count (1)  
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 UserId="73851" Comment="edited title" --> Word Count (9)  
 UserId="75956" --> Word Count (63)

UserId="75930" Comment="Added link to dataset" --> Word Count (320)  
 UserId="46107" --> Word Count (171)  
 UserId="69963" --> Word Count (123)  
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 UserId="69963" --> Word Count (1)  
 UserId="28685" --> Word Count (120)  
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 UserId="73114" --> Word Count (67)  
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 UserId="53357" Comment="Minor formatting" --> Word Count (281)  
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 UserId="57825" --> Word Count (1)

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 UserId="924" --> Word Count (39)  
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 UserId="64856" --> Word Count (1)  
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 UserId="71442" Comment="minor language corrections" --> Word Count (72)  
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 UserId="76022" --> Word Count (14)  
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 UserId="73441" --> Word Count (91)  
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 UserId="38887" --> Word Count (74)  
 UserId="76035" --> Word Count (151)  
 UserId="76035" --> Word Count (12)  
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 UserId="38887" --> Word Count (180)  
 UserId="64377" --> Word Count (186)  
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 UserId="73209" --> Word Count (143)  
 UserId="75827" --> Word Count (81)  
 UserId="70898" --> Word Count (258)  
 UserId="51210" --> Word Count (214)  
 UserId="33196" Comment="Edited for clarity." --> Word Count (232)  
 UserId="23305" Comment="add another reason" --> Word Count (244)  
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 UserId="56922" --> Word Count (13)  
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 UserId="73441" --> Word Count (22)  
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 UserId="924" Comment="edited tags" --> Word Count (1)  
 UserId="836" Comment="added 498 characters in body" --> Word Count (623)  
 UserId="75982" --> Word Count (61)  
 UserId="75982" --> Word Count (9)  
 UserId="75982" --> Word Count (1)  
 UserId="836" Comment="added 143 characters in body" --> Word Count (631)  
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 UserId="836" Comment="added 143 characters in body" --> Word Count (664)  
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 UserId="29575" Comment="Minor typos." --> Word Count (108)  
 UserId="73572" --> Word Count (62)  
 UserId="46305" --> Word Count (427)  
 UserId="46305" --> Word Count (20)  
 UserId="46305" --> Word Count (1)  
 UserId="836" Comment="added 143 characters in body" --> Word Count (818)  
 UserId="46305" Comment="added 2 characters in body" --> Word Count (426)  
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 UserId="73938" --> Word Count (11)  
 UserId="73938" --> Word Count (1)  
 UserId="836" Comment="added 208 characters in body" --> Word Count (854)  
 UserId="75645" --> Word Count (704)  
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 UserId="75645" --> Word Count (1)  
 UserId="46305" Comment="deleted 5 characters in body" --> Word Count (426)

UserId="29169" Comment="added 17 characters in body" --> Word Count (61)  
 UserId="46305" Comment="edited title" --> Word Count (17)  
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 UserId="76049" --> Word Count (78)  
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 UserId="76049" --> Word Count (1)  
 UserId="76057" Comment="changed amount of r squared checked" --> Word Count (245)  
 UserId="73938" --> Word Count (112)  
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 UserId="74214" --> Word Count (1)  
 UserId="71442" --> Word Count (226)  
 UserId="74214" Comment="edited title" --> Word Count (14)  
 UserId="71442" Comment="added 18 characters in body" --> Word Count (229)  
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 UserId="75922" --> Word Count (7)  
 UserId="75922" --> Word Count (1)  
 UserId="9191" --> Word Count (114)  
 UserId="9191" Comment="added 24 characters in body" --> Word Count (119)  
 UserId="113" Comment="added 146 characters in body" --> Word Count (221)  
 UserId="1077" Comment="add more explanation and content" --> Word Count (343)  
 UserId="64377" --> Word Count (302)  
 UserId="64377" --> Word Count (52)  
 UserId="64377" --> Word Count (106)  
 UserId="76062" --> Word Count (106)  
 UserId="76062" --> Word Count (9)  
 UserId="76062" --> Word Count (1)  
 UserId="76032" --> Word Count (102)  
 UserId="76032" --> Word Count (8)  
 UserId="76032" --> Word Count (1)  
 UserId="37046" --> Word Count (150)  
 UserId="74421" Comment="added backtick" --> Word Count (101)  
 <DELETE> --> Word Count (121)  
 <DELETE> --> Word Count (7)  
 <DELETE> --> Word Count (1)  
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 UserId="29169" Comment="added 8 characters in body" --> Word Count (80)  
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 UserId="53357" Comment="edited tags" --> Word Count (1)



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 UserId="65131" --> Word Count (77)  
 UserId="71442" --> Word Count (129)  
 UserId="74865" --> Word Count (82)  
 UserId="74865" --> Word Count (8)  
 UserId="74865" --> Word Count (1)  
 UserId="76066" --> Word Count (71)  
 UserId="76066" --> Word Count (14)  
 UserId="76066" --> Word Count (1)  
 UserId="76066" Comment="deleted 17 characters in body" --> Word Count (69)  
 UserId="71442" --> Word Count (69)  
 UserId="69818" --> Word Count (149)  
 UserId="69818" --> Word Count (10)  
 UserId="69818" --> Word Count (1)  
 UserId="75912" Comment="added 9 characters in body" --> Word Count (1392)  
 UserId="74982" --> Word Count (1212)  
 UserId="74982" --> Word Count (10)  
 UserId="74982" --> Word Count (1)  
 UserId="76070" --> Word Count (180)  
 UserId="76070" --> Word Count (7)  
 UserId="76070" --> Word Count (1)  
 UserId="46505" Comment="Minor typos." --> Word Count (84)  
 UserId="46505" Comment="Minor typos." --> Word Count (11)  
 UserId="46505" Comment="Minor typos." --> Word Count (1)  
 UserId="71587" --> Word Count (1416)  
 UserId="71587" --> Word Count (4)  
 UserId="71587" --> Word Count (1)  
 UserId="71587" Comment="deleted 55 characters in body" --> Word Count (1407)  
 UserId="76071" --> Word Count (293)  
 UserId="76071" --> Word Count (3)  
 UserId="76071" --> Word Count (1)  
 UserId="64377" --> Word Count (119)  
 UserId="60813" --> Word Count (444)  
 UserId="60813" --> Word Count (13)  
 UserId="60813" --> Word Count (1)  
 UserId="75632" --> Word Count (82)  
 UserId="71515" --> Word Count (125)  
 UserId="71515" --> Word Count (4)  
 UserId="71515" --> Word Count (1)  
 UserId="76074" --> Word Count (141)  
 UserId="76074" --> Word Count (19)  
 UserId="76074" --> Word Count (1)  
 UserId="71515" Comment="added 81 characters in body" --> Word Count (129)  
 UserId="76077" --> Word Count (52)  
 UserId="76077" --> Word Count (2)

UserId="76077" --> Word Count (1)  
 UserId="76074" --> Word Count (82)  
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 UserId="75812" --> Word Count (222)  
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 UserId="75812" --> Word Count (1)  
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 UserId="64377" --> Word Count (33)  
 UserId="1330" --> Word Count (52)  
 UserId="924" --> Word Count (112)  
 UserId="74421" --> Word Count (110)  
 UserId="74421" --> Word Count (10)  
 UserId="74421" --> Word Count (1)  
 UserId="53357" Comment="added 7 characters in body" --> Word Count (1551)  
 UserId="64795" --> Word Count (13)  
 UserId="64795" --> Word Count (11)  
 UserId="64795" --> Word Count (1)  
 UserId="76078" --> Word Count (56)  
 UserId="29575" Comment="Minor formatting" --> Word Count (12)  
 UserId="57019" --> Word Count (386)  
 UserId="57019" --> Word Count (4)  
 UserId="57019" --> Word Count (1)  
 UserId="75528" Comment="Typo" --> Word Count (198)  
 UserId="76083" --> Word Count (111)  
 UserId="76083" --> Word Count (5)  
 UserId="76083" --> Word Count (1)  
 UserId="61261" --> Word Count (16)  
 UserId="61261" --> Word Count (9)  
 UserId="61261" --> Word Count (1)  
 UserId="29575" Comment="Clarify Question" --> Word Count (19)  
 UserId="29575" Comment="Clarify Question" --> Word Count (10)  
 UserId="29575" Comment="Clarify Question" --> Word Count (1)  
 UserId="10640" --> Word Count (150)  
 UserId="10640" Comment="added 1 character in body" --> Word Count (152)  
 UserId="64377" --> Word Count (84)  
 UserId="73024" --> Word Count (24)  
 UserId="76047" Text="I was checking BERT github page and noticed that there are new models built from a new training technique called "whole word masking". Here is a snippet describing it:&#xD;&#xA;&#xD;&#xA; In the original pre-processing code, we randomly select WordPiece tokens to mask. For example:&#xD;&#xA;&#xD;&#xA; Input --> Word Count (124)  
 UserId="76047" --> Word Count (10)  
 UserId="76047" --> Word Count (1)  
 UserId="76087" --> Word Count (44)

UserId="76087" --> Word Count (13)  
 UserId="76087" --> Word Count (1)  
 UserId="76087" Comment="added 52 characters in body" --> Word Count (55)  
 UserId="74735" --> Word Count (865)  
 UserId="73650" --> Word Count (84)  
 UserId="73650" --> Word Count (5)  
 UserId="73650" --> Word Count (1)  
 UserId="76085" Comment="Typo corrections, wording improvements." --> Word Count (106)  
 UserId="29575" Comment="Typo corrections, wording improvements." --> Word Count (106)  
 UserId="69263" Comment="edit answer by removing link due to deprecation in ver 0.9 and leaving leaving a note" --> Word Count (79)  
 UserId="29575" Comment="edit answer by removing link due to deprecation in ver 0.9 and leaving leaving a note" --> Word Count (78)  
 UserId="69263" Comment="Keep address the reference link for better understanding " Text="I was checking [BERT github page](https://github.com/google-research/bert) and noticed that there are new models built from a new training technique called "whole word masking". Here is a snippet describing it:&#xD;&#xA;&#xD;&#xA;In the original pre-processing code, we randomly select WordPiece tokens to mask. For example:&#xD;&#xA;``&#xD;&#xA;Input --> Word Count (115)  
 UserId="76089" --> Word Count (112)  
 UserId="73650" Comment="added 5 characters in body; added 14 characters in body; deleted 4 characters in body" --> Word Count (84)  
 UserId="29575" Comment="Remove spam links" --> Word Count (78)  
 UserId="71219" --> Word Count (182)  
 UserId="76085" Comment="Add blockquote formatting, code reformat closer to intended original GitHub markdown raw source." Text="&#xD;&#xA;I was checking [BERT GitHub page](https://github.com/google-research/bert) and noticed that there are new models built from a new training technique called "whole word masking". Here is a snippet describing it:&#xD;&#xA;&#xD;&#xA;&gt; In the original pre-processing code, we randomly select WordPiece tokens to mask. For example:&#xD;&#xA;&#xD;&#xA;``&#xD;&#xA;Input --> Word Count (116)  
 UserId="76087" Comment="added 164 characters in body" --> Word Count (83)  
 UserId="18298" --> Word Count (104)  
 UserId="18298" --> Word Count (16)  
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 UserId="73441" --> Word Count (116)  
 UserId="71515" Comment="Added image" --> Word Count (86)  
 UserId="68023" --> Word Count (253)  
 UserId="73441" Comment="added 7 characters in body" --> Word Count (117)  
 UserId="51812" --> Word Count (59)  
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 UserId="51812" --> Word Count (1)  
 UserId="74080" --> Word Count (96)  
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 UserId="71442" --> Word Count (171)  
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 UserId="76098" Comment="deleted 2 characters in body" --> Word Count (87)  
 UserId="75812" Comment="added 836 characters in body" --> Word Count (333)  
 UserId="62507" --> Word Count (89)  
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 UserId="29575" Comment="Minor formatting" --> Word Count (81)  
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 UserId="76109" Comment="added 185 characters in body" --> Word Count (190)  
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 UserId="54586" --> Word Count (9)  
 UserId="54586" --> Word Count (1)  
 UserId="75630" --> Word Count (182)  
 UserId="75630" --> Word Count (4)  
 UserId="75630" --> Word Count (1)  
 UserId="69263" --> Word Count (106)  
 UserId="69263" Comment="added 592 characters in body" --> Word Count (124)  
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 UserId="71477" --> Word Count (57)  
 UserId="76078" Comment="Move approach summary to the end." --> Word Count (74)  
 UserId="74421" --> Word Count (15)  
 UserId="76062" --> Word Count (85)  
 UserId="76062" --> Word Count (12)

UserId="76062" --> Word Count (1)  
 UserId="69646" Comment="added 385 characters in body" --> Word Count (105)  
 UserId="69646" Comment="added 189 characters in body" --> Word Count (129)  
 UserId="74421" Comment="added backtick" --> Word Count (43)  
 UserId="75528" Comment="added 8 characters in body" --> Word Count (198)  
 UserId="73441" --> Word Count (144)  
 UserId="73441" --> Word Count (190)  
 UserId="76032" --> Word Count (201)  
 UserId="76032" --> Word Count (3)  
 UserId="76032" --> Word Count (1)  
 UserId="29169" Comment="deleted 11 characters in body" --> Word Count (195)  
 UserId="29169" Comment="added 30 characters in body" --> Word Count (47)  
 UserId="29169" Comment="added 21 characters in body" --> Word Count (95)  
 UserId="73441" --> Word Count (68)  
 UserId="69644" --> Word Count (171)  
 UserId="69644" --> Word Count (14)  
 UserId="69644" --> Word Count (1)  
 UserId="76128" --> Word Count (51)  
 UserId="76128" --> Word Count (6)  
 UserId="76128" --> Word Count (1)  
 UserId="73441" Comment="added 1 character in body; deleted 2 characters in body"  
 --> Word Count (190)  
 UserId="76129" --> Word Count (44)  
 UserId="38892" Comment="added 92 characters in body" --> Word Count (67)  
 UserId="38892" Comment="added 4 characters in body" --> Word Count (46)  
 UserId="76131" --> Word Count (209)  
 UserId="76131" --> Word Count (9)  
 UserId="76131" --> Word Count (1)  
 UserId="71648" --> Word Count (113)  
 UserId="71648" --> Word Count (8)  
 UserId="71648" --> Word Count (1)  
 UserId="75868" --> Word Count (35)  
 UserId="75868" --> Word Count (14)  
 UserId="75868" --> Word Count (1)  
 UserId="74421" Comment="added backtick" --> Word Count (212)  
 UserId="74140" --> Word Count (589)  
 UserId="74140" --> Word Count (6)  
 UserId="74140" --> Word Count (1)  
 UserId="65131" --> Word Count (47)  
 UserId="65131" --> Word Count (9)  
 UserId="65131" --> Word Count (1)  
 UserId="52089" --> Word Count (32)  
 UserId="45264" --> Word Count (118)  
 UserId="74727" --> Word Count (51)  
 UserId="76137" --> Word Count (190)  
 UserId="76137" --> Word Count (5)  
 UserId="76137" --> Word Count (1)  
 UserId="60221" --> Word Count (398)

UserId="65131" --> Word Count (27)  
 UserId="60221" Comment="added 19 characters in body" --> Word Count (402)  
 UserId="74140" --> Word Count (158)  
 UserId="76138" --> Word Count (21)  
 UserId="76138" --> Word Count (3)  
 UserId="76138" --> Word Count (1)  
 UserId="38911" --> Word Count (158)  
 UserId="38911" --> Word Count (7)  
 UserId="38911" --> Word Count (1)  
 UserId="52089" Comment="typos" --> Word Count (118)  
 UserId="75632" --> Word Count (104)  
 UserId="76003" --> Word Count (131)  
 UserId="76003" --> Word Count (8)  
 UserId="76003" --> Word Count (1)  
 UserId="65131" --> Word Count (156)  
 UserId="45264" Comment="Edited after mistake pointed out in comments." --> Word Count (184)  
 UserId="76141" --> Word Count (36)  
 UserId="76141" --> Word Count (14)  
 UserId="76141" --> Word Count (1)  
 UserId="76035" --> Word Count (108)  
 UserId="64377" --> Word Count (107)  
 UserId="76035" --> Word Count (93)  
 UserId="76146" --> Word Count (256)  
 UserId="50833" Comment="Grammar" --> Word Count (401)  
 UserId="76131" Comment="added 15 characters in body" --> Word Count (212)  
 UserId="45264" Comment="added 117 characters in body" --> Word Count (202)  
 UserId="71442" Comment="Original answer was not correct, so I updated the answer." --> Word Count (487)  
 UserId="38911" Comment="added 23 characters in body" --> Word Count (170)  
 UserId="67200" Comment="added 1135 characters in body" --> Word Count (339)  
 UserId="76035" --> Word Count (69)  
 UserId="52089" --> Word Count (189)  
 UserId="52089" --> Word Count (15)  
 UserId="52089" --> Word Count (1)  
 UserId="65108" --> Word Count (534)  
 UserId="65108" --> Word Count (6)  
 UserId="65108" --> Word Count (1)  
 UserId="45374" --> Word Count (116)  
 UserId="29575" Comment="Minor grammar" --> Word Count (105)  
 UserId="41668" --> Word Count (180)  
 UserId="41668" --> Word Count (5)  
 UserId="41668" --> Word Count (1)  
 UserId="74735" --> Word Count (329)  
 UserId="41668" Comment="deleted 41 characters in body" --> Word Count (174)  
 UserId="74735" Comment="redid first sentence, it was aggressive which was not my intention" --> Word Count (344)  
 UserId="71442" --> Word Count (291)

UserId="71442" --> Word Count (7)  
 UserId="71442" --> Word Count (1)  
 UserId="76161" --> Word Count (80)  
 UserId="76161" --> Word Count (9)  
 UserId="76161" --> Word Count (1)  
 UserId="65131" Comment="more clear title" --> Word Count (8)  
 UserId="29575" Comment="Add tag" --> Word Count (66)  
 UserId="29575" Comment="Add tag" --> Word Count (1)  
 UserId="38315" --> Word Count (92)  
 UserId="38315" --> Word Count (3)  
 UserId="38315" --> Word Count (1)  
 UserId="71442" Comment="Formating of text and code" --> Word Count (83)  
 UserId="71442" Comment="Formating of text and code" --> Word Count (9)  
 UserId="71442" Comment="Formating of text and code" --> Word Count (1)  
 UserId="75428" --> Word Count (103)  
 UserId="76164" --> Word Count (231)  
 UserId="76164" --> Word Count (7)  
 UserId="76164" --> Word Count (1)  
 UserId="69263" Comment="added 634 characters in body; added 118 characters in body" --> Word Count (219)  
 UserId="71952" --> Word Count (115)  
 UserId="71952" --> Word Count (8)  
 UserId="71952" --> Word Count (1)  
 UserId="71952" Comment="added 105 characters in body; edited tags" --> Word Count (149)  
 UserId="71952" Comment="added 105 characters in body; edited tags" --> Word Count (1)  
 UserId="65739" --> Word Count (68)  
 UserId="75632" --> Word Count (93)  
 UserId="68200" --> Word Count (801)  
 UserId="68200" --> Word Count (15)  
 UserId="68200" --> Word Count (1)  
 UserId="75102" --> Word Count (285)  
 UserId="75102" Comment="added 97 characters in body" --> Word Count (315)  
 UserId="71515" --> Word Count (64)  
 UserId="71515" --> Word Count (6)  
 UserId="71515" --> Word Count (1)  
 UserId="65739" --> Word Count (12)  
 UserId="64138" --> Word Count (239)  
 UserId="64138" --> Word Count (12)  
 UserId="64138" --> Word Count (1)  
 UserId="70548" --> Word Count (141)  
 UserId="70548" --> Word Count (14)  
 UserId="70548" --> Word Count (1)  
 UserId="29575" Comment="Format link" --> Word Count (64)  
 UserId="64138" Comment="added 519 characters in body" --> Word Count (316)  
 UserId="69263" --> Word Count (165)  
 UserId="53357" Comment="added 42 characters in body; edited tags" --> Word

Count (181)

UserId="53357" Comment="added 42 characters in body; edited tags" --> Word Count (1)

UserId="76169" --> Word Count (145)

UserId="76169" --> Word Count (21)

UserId="76169" --> Word Count (1)

UserId="64138" Comment="deleted 34 characters in body" --> Word Count (311)

UserId="76173" Text="I'm currently working on the [ --> Word Count (1808)

UserId="76173" --> Word Count (8)

UserId="76173" --> Word Count (1)

UserId="29169" Comment="added 456 characters in body" --> Word Count (1240)

UserId="70898" --> Word Count (79)

UserId="74421" Comment="added language identifier" Text="I'm currently working on the [ --> Word Count (1808)

UserId="76176" --> Word Count (182)

UserId="74421" Comment="added backticks" --> Word Count (145)

UserId="74421" Comment="added backticks" --> Word Count (20)

UserId="76058" --> Word Count (178)

UserId="76058" --> Word Count (4)

UserId="76058" --> Word Count (1)

UserId="23305" Comment="103" --> Word Count (2)

UserId="75728" --> Word Count (246)

UserId="75728" --> Word Count (6)

UserId="75728" --> Word Count (1)

UserId="64138" Comment="added 117 characters in body" --> Word Count (334)

UserId="64138" Comment="added 117 characters in body" --> Word Count (355)

UserId="64138" Comment="added 20 characters in body" --> Word Count (360)

UserId="29575" --> Word Count (2)

UserId="74735" --> Word Count (211)

UserId="74929" Text="For English language there are libraries like NLTK, CoreNLP which are used for --> Word Count (22)

UserId="74929" --> Word Count (13)

UserId="74929" --> Word Count (1)

UserId="66117" --> Word Count (16)

UserId="66117" --> Word Count (10)

UserId="66117" --> Word Count (1)

UserId="29575" Comment="Remove extra commentary" --> Word Count (15)

UserId="71705" --> Word Count (36)

UserId="71705" --> Word Count (8)

UserId="71705" --> Word Count (1)

UserId="68023" --> Word Count (137)

UserId="29169" Comment="added 68 characters in body; edited tags" --> Word Count (44)

UserId="29169" Comment="added 68 characters in body; edited tags" --> Word Count (1)

UserId="61417" Comment="added 208 characters in body" --> Word Count (286)

UserId="74421" Comment="added backtick" --> Word Count (223)

UserId="29575" Comment="added backtick" --> Word Count (220)



UserId="47311" --> Word Count (78)  
 UserId="75728" --> Word Count (22)  
 UserId="29169" Comment="added 38 characters in body" --> Word Count (99)  
 UserId="29169" Comment="added 6 characters in body" --> Word Count (12)  
 UserId="29169" Comment="deleted 4 characters in body" --> Word Count (170)  
 UserId="76192" --> Word Count (84)  
 UserId="76192" --> Word Count (6)  
 UserId="76192" --> Word Count (1)  
 UserId="76198" --> Word Count (109)  
 UserId="76198" --> Word Count (10)  
 UserId="76198" --> Word Count (1)  
 UserId="51714" --> Word Count (166)  
 UserId="65421" --> Word Count (171)  
 UserId="65421" --> Word Count (6)  
 UserId="65421" --> Word Count (1)  
 UserId="70393" --> Word Count (203)  
 UserId="70393" --> Word Count (14)  
 UserId="70393" --> Word Count (1)  
 UserId="76199" --> Word Count (122)  
 UserId="76199" --> Word Count (5)  
 UserId="76199" --> Word Count (1)  
 UserId="71442" --> Word Count (281)  
 UserId="71442" Comment="minor corrections" --> Word Count (264)  
 UserId="76191" --> Word Count (64)  
 UserId="65131" --> Word Count (90)  
 UserId="43765" --> Word Count (120)  
 UserId="43765" --> Word Count (10)  
 UserId="43765" --> Word Count (1)  
 UserId="59893" --> Word Count (58)  
 UserId="59893" --> Word Count (5)  
 UserId="59893" --> Word Count (1)  
 UserId="45374" --> Word Count (73)  
 UserId="76204" --> Word Count (119)  
 UserId="76134" --> Word Count (198)  
 UserId="76134" --> Word Count (3)  
 UserId="76134" --> Word Count (1)  
 UserId="73209" --> Word Count (56)  
 UserId="76203" --> Word Count (44)  
 UserId="76203" --> Word Count (19)  
 UserId="76208" --> Word Count (200)  
 UserId="76208" --> Word Count (7)  
 UserId="76208" --> Word Count (1)  
 UserId="65131" --> Word Count (36)  
 UserId="65131" --> Word Count (11)  
 UserId="65131" --> Word Count (1)  
 UserId="76202" --> Word Count (62)  
 UserId="76134" --> Word Count (61)  
 UserId="76134" --> Word Count (3)

UserId="76134" --> Word Count (1)  
 UserId="76131" Comment="edited tags" --> Word Count (1)  
 UserId="76212" --> Word Count (43)  
 UserId="76212" --> Word Count (8)  
 UserId="76212" --> Word Count (1)  
 UserId="67200" Comment="added 345 characters in body" --> Word Count (392)  
 UserId="76209" --> Word Count (209)  
 UserId="76209" --> Word Count (18)  
 UserId="76209" --> Word Count (1)  
 UserId="29575" Comment="Format Link" --> Word Count (120)  
 UserId="37330" --> Word Count (95)  
 UserId="71442" Comment="language editing" --> Word Count (121)  
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (61)  
 UserId="37330" Comment="deleted 4 characters in body" --> Word Count (94)  
 UserId="74525" --> Word Count (129)  
 UserId="74525" --> Word Count (10)  
 UserId="74525" --> Word Count (1)  
 UserId="74996" --> Word Count (49)  
 UserId="74996" --> Word Count (10)  
 UserId="74996" --> Word Count (1)  
 UserId="50146" Comment="Follow up" --> Word Count (141)  
 UserId="65970" Comment="added 57 characters in body" --> Word Count (223)  
 UserId="68421" --> Word Count (135)  
 UserId="68421" --> Word Count (15)  
 UserId="68421" --> Word Count (1)  
 UserId="76218" --> Word Count (1085)  
 UserId="76218" --> Word Count (7)  
 UserId="76218" --> Word Count (1)  
 UserId="65131" --> Word Count (22)  
 UserId="75358" Comment="deleted 3 characters in body" --> Word Count (446)  
 UserId="75632" --> Word Count (27)  
 UserId="76217" --> Word Count (353)  
 UserId="76217" --> Word Count (9)  
 UserId="76217" --> Word Count (1)  
 UserId="71219" --> Word Count (58)  
 UserId="37330" --> Word Count (138)  
 UserId="71219" Comment="added 282 characters in body" --> Word Count (109)  
 UserId="37330" Comment="added 25 characters in body" --> Word Count (141)  
 UserId="74271" --> Word Count (140)  
 UserId="74271" --> Word Count (6)  
 UserId="74271" --> Word Count (1)  
 UserId="74735" Comment="Added summary, added note of different objects." -->  
 Word Count (486)  
 UserId="74045" --> Word Count (129)  
 UserId="74045" --> Word Count (5)  
 UserId="74045" --> Word Count (1)  
 UserId="43077" --> Word Count (246)  
 UserId="43077" --> Word Count (8)

UserId="43077" --> Word Count (1)  
 UserId="65131" --> Word Count (60)  
 UserId="45264" Comment="Edited after further comments." --> Word Count (222)  
 UserId="12172" Comment="Rollback to [a0c5ca65-636d-48e2-b80f-552593575873]" -->  
 Word Count (311)  
 UserId="45264" --> Word Count (257)  
 UserId="43077" Comment="added 108 characters in body" --> Word Count (266)  
 UserId="43077" Comment="added 93 characters in body" --> Word Count (270)  
 UserId="76228" --> Word Count (129)  
 UserId="76228" --> Word Count (14)  
 UserId="76228" --> Word Count (1)  
 UserId="76229" --> Word Count (37)  
 UserId="76234" --> Word Count (160)  
 UserId="76234" --> Word Count (6)  
 UserId="76234" --> Word Count (1)  
 UserId="38892" Comment="added 14 characters in body" --> Word Count (53)  
 UserId="38892" Comment="added 10 characters in body" --> Word Count (168)  
 UserId="64377" --> Word Count (73)  
 UserId="75152" --> Word Count (349)  
 UserId="10640" --> Word Count (90)  
 UserId="10640" Comment="Title improved" --> Word Count (58)  
 UserId="10640" Comment="Title improved" --> Word Count (12)  
 UserId="67082" --> Word Count (180)  
 UserId="67082" --> Word Count (8)  
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 UserId="61469" --> Word Count (195)  
 UserId="61469" --> Word Count (12)  
 UserId="61469" --> Word Count (1)  
 UserId="76236" --> Word Count (238)  
 UserId="76236" --> Word Count (12)  
 UserId="76236" --> Word Count (1)  
 UserId="23159" --> Word Count (383)  
 UserId="38315" --> Word Count (80)  
 UserId="38315" --> Word Count (5)  
 UserId="38315" --> Word Count (1)  
 UserId="69020" --> Word Count (85)  
 UserId="69020" --> Word Count (10)  
 UserId="69020" --> Word Count (1)  
 UserId="76239" --> Word Count (283)  
 UserId="76239" --> Word Count (6)  
 UserId="76239" --> Word Count (1)  
 UserId="29169" Comment="added 93 characters in body" --> Word Count (164)  
 UserId="29169" Comment="added 10 characters in body" --> Word Count (130)  
 UserId="29169" Comment="added 19 characters in body" --> Word Count (122)  
 UserId="29169" Comment="added 83 characters in body" --> Word Count (1093)  
 UserId="29169" Comment="added 8 characters in body" --> Word Count (109)  
 UserId="29169" Comment="added 30 characters in body; edited title" --> Word  
 Count (205)

UserId="29169" Comment="added 30 characters in body; edited title" --> Word Count (7)  
UserId="29169" Comment="edited title" --> Word Count (7)  
UserId="29169" Comment="edited body" --> Word Count (121)  
UserId="29169" Comment="added 28 characters in body" --> Word Count (112)  
UserId="29169" Comment="deleted 5 characters in body; edited tags" --> Word Count (78)  
UserId="29169" Comment="deleted 5 characters in body; edited tags" --> Word Count (1)  
UserId="76242" --> Word Count (42)  
UserId="76242" --> Word Count (2)  
UserId="76242" --> Word Count (1)  
UserId="76243" --> Word Count (131)  
UserId="76243" --> Word Count (6)  
UserId="76243" --> Word Count (1)  
UserId="924" --> Word Count (72)  
UserId="76245" --> Word Count (182)  
UserId="76245" --> Word Count (8)  
UserId="76245" --> Word Count (1)  
UserId="76244" --> Word Count (74)  
UserId="-1" --> Word Count (1)  
UserId="-1" --> Word Count (1)  
UserId="76074" Comment="added 11 characters in body" --> Word Count (83)  
UserId="44690" --> Word Count (209)  
UserId="44690" --> Word Count (9)  
UserId="44690" --> Word Count (1)  
UserId="43077" --> Word Count (158)  
UserId="43077" Comment="added 324 characters in body" --> Word Count (205)  
UserId="64377" --> Word Count (23)  
UserId="43077" Comment="added 20 characters in body" --> Word Count (208)  
UserId="43077" Comment="added 460 characters in body" --> Word Count (298)  
UserId="43077" Comment="added 460 characters in body" --> Word Count (302)  
UserId="18247" --> Word Count (88)  
UserId="18247" --> Word Count (9)  
UserId="18247" --> Word Count (1)  
UserId="29169" Comment="deleted 12 characters in body" --> Word Count (84)  
UserId="29169" Comment="added 16 characters in body" --> Word Count (185)  
UserId="29169" Comment="added 3 characters in body" --> Word Count (128)  
UserId="29169" Comment="deleted 1 character in body" --> Word Count (42)  
UserId="29169" Comment="deleted 1 character in body" --> Word Count (23)  
UserId="60310" --> Word Count (78)  
UserId="60310" --> Word Count (9)  
UserId="60310" --> Word Count (1)  
UserId="76254" --> Word Count (16)  
UserId="74045" Comment="added 8 characters in body; added 6 characters in body" --> Word Count (124)  
UserId="41699" --> Word Count (78)  
UserId="41699" --> Word Count (7)

UserId="41699" --> Word Count (1)  
 UserId="924" --> Word Count (101)  
 UserId="41699" Comment="edited body" --> Word Count (78)  
 <DELETE> --> Word Count (115)  
 <DELETE> --> Word Count (7)  
 <DELETE> --> Word Count (1)  
 UserId="38911" Comment="edited title" --> Word Count (6)  
 UserId="73851" Comment="tag and spell check" --> Word Count (1093)  
 UserId="73851" Comment="tag and spell check" --> Word Count (6)  
 UserId="73851" Comment="tag and spell check" --> Word Count (1)  
 UserId="29169" Comment="tag and spell check" --> Word Count (6)  
 UserId="38911" --> Word Count (51)  
 UserId="76264" --> Word Count (171)  
 UserId="76264" --> Word Count (13)  
 UserId="76264" --> Word Count (1)  
 UserId="76263" --> Word Count (113)  
 UserId="7812" --> Word Count (83)  
 UserId="7812" --> Word Count (6)  
 UserId="7812" --> Word Count (1)  
 UserId="43077" Comment="added 121 characters in body" --> Word Count (327)  
 UserId="76236" --> Word Count (38)  
 UserId="76236" Comment="via Vote" --> Word Count (1)  
 UserId="76236" Comment="solved" --> Word Count (273)  
 UserId="76236" Comment="solved" --> Word Count (13)  
 UserId="8738" --> Word Count (69)  
 UserId="43077" Comment="added 12 characters in body" --> Word Count (327)  
 UserId="71578" Comment="Added and edited Transformer wiki" --> Word Count (14)  
 UserId="71648" --> Word Count (121)  
 UserId="71648" --> Word Count (5)  
 UserId="71648" --> Word Count (1)  
 UserId="29217" --> Word Count (110)  
 UserId="74246" --> Word Count (106)  
 UserId="74246" --> Word Count (7)  
 UserId="74246" --> Word Count (1)  
 UserId="74246" Comment="added 2 characters in body" --> Word Count (106)  
 UserId="76276" --> Word Count (122)  
 UserId="76276" --> Word Count (15)  
 UserId="76276" --> Word Count (1)  
 UserId="64856" --> Word Count (117)  
 UserId="64856" --> Word Count (5)  
 UserId="64856" --> Word Count (1)  
 UserId="76265" --> Word Count (46)  
 UserId="76265" --> Word Count (24)  
 UserId="76265" --> Word Count (1)  
 UserId="65131" --> Word Count (158)  
 UserId="73441" --> Word Count (75)  
 UserId="69822" --> Word Count (187)  
 UserId="76203" --> Word Count (31)

UserId="76203" --> Word Count (106)  
 UserId="75205" --> Word Count (220)  
 UserId="75205" --> Word Count (9)  
 UserId="75205" --> Word Count (1)  
 UserId="52089" Comment="removed irrelevant section" --> Word Count (46)  
 UserId="52089" Comment="Rollback to [d639b367-0736-4d0b-9b3d-29de81f2048c]" -->  
 Word Count (74)  
 UserId="61843" --> Word Count (260)  
 UserId="61843" --> Word Count (6)  
 UserId="61843" --> Word Count (1)  
 UserId="73128" --> Word Count (79)  
 UserId="73128" --> Word Count (14)  
 UserId="73128" --> Word Count (1)  
 UserId="73851" --> Word Count (21)  
 UserId="73851" --> Word Count (6)  
 UserId="73851" --> Word Count (1)  
 UserId="76286" --> Word Count (139)  
 UserId="76286" --> Word Count (9)  
 UserId="76286" --> Word Count (1)  
 UserId="76284" --> Word Count (559)  
 UserId="76284" --> Word Count (6)  
 UserId="76284" --> Word Count (1)  
 UserId="1330" Comment="deleted 42 characters in body" --> Word Count (73)  
 UserId="69822" Comment="deleted 6 characters in body" --> Word Count (187)  
 UserId="76287" Text="I would like to train test split a list of texts with the  
 associated entities so there are no entities overlapping  
 splits.&#xD;&#xA;&#xD;&#xA;Ensuring no overlaps is challenging: I currently  
 achieve it with 2 groupby operations through `apache beam`. I was wondering if  
 there was a faster or more scalable way of doing this train test  
 split?&#xD;&#xA;&#xD;&#xA;Another way of formulating the question is I am  
 looking for an efficient way to calculate connected components of a  
 graph.&#xD;&#xA;&#xD;&#xA;I have about 7 million documents with 250,000 entities  
 and this dataset is likely to grow in the  
 future.&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;INPUT&#xD;&#xA;&#xD;&#xA; ENTITIES  
 TEXT&#xD;&#xA; e1 TextA&#xD;&#xA; e1, e2 TextB&#xD;&#xA; e3  
 TextC&#xD;&#xA;&#xD;&#xA;I would like to have the  
 outputs:&#xD;&#xA;&#xD;&#xA;TRAIN SPLIT&#xD;&#xA;&#xD;&#xA; ENTITIES  
 TEXT&#xD;&#xA; e1 TextA&#xD;&#xA; e1, e2  
 TextB&#xD;&#xA;&#xD;&#xA;TEST SPLIT&#xD;&#xA;&#xD;&#xA; ENTITIES  
 TEXT&#xD;&#xA; e3 TextC&#xD;&#xA;&#xD;&#xA;MY  
 APPROACH&#xD;&#xA;&#xD;&#xA;Initial groupby entities:&#xD;&#xA;&#xD;&#xA; e1  
 [{&quot;text&quot;:&quot;TextA&quot;;, &quot;entities&quot;:[&quot;e1&quot;]}],  
 {&quot;text&quot;:&quot;TextB&quot;;,  
 &quot;entities&quot;:[&quot;e1&quot;;,&quot;e2&quot;]}}&#xD;&#xA; e2  
 [{&quot;text&quot;:&quot;TextB&quot;;,  
 &quot;entities&quot;:[&quot;e1&quot;;,&quot;e2&quot;]}}&#xD;&#xA; e3  
 [{&quot;text&quot;:&quot;TextC&quot;;,  
 &quot;entities&quot;:[&quot;e3&quot;]}}&#xD;&#xA;&#xD;&#xA;Next I create a

```

cooccurring entity key:

 e1-e2
{""text":"TextA";,
"entities":["e1"]}
 e1-e2
{""text":"TextB";,
"entities":["e1","e2"]}
 e1-e2
{""text":"TextB";,
"entities":["e1","e2"]}
 e3
{""text":"TextC";,
"entities":["e3"]}

I then groupby on this
cooccurring key:

 e1-e2
[{""text":"TextA";, "entities":["e1"]},
{""text":"TextB";,
"entities":["e1","e2"]}]
 e3
[{""text":" --> Word Count (20)
UserId="76287" --> Word Count (12)
UserId="76287" --> Word Count (1)
UserId="69154" --> Word Count (64)
UserId="69154" --> Word Count (4)
UserId="69154" --> Word Count (1)
UserId="76209" Comment="following comment from @anony-mousse, I'm changing the
question to search for a general clustering approach that matches this criterion
(minimum weight per cluster)." --> Word Count (220)
UserId="76209" Comment="following comment from @anony-mousse, I'm changing the
question to search for a general clustering approach that matches this criterion
(minimum weight per cluster)." --> Word Count (11)
UserId="76209" Comment="Changed title to match question changes" --> Word Count
(7)
UserId="69390" --> Word Count (170)
UserId="76209" Comment="(m) removed empty brackets" --> Word Count (219)
UserId="29575" Comment="Minor grammar" --> Word Count (170)
UserId="76291" --> Word Count (293)
UserId="76291" --> Word Count (9)
UserId="76291" --> Word Count (1)
UserId="61843" Comment="added 76 characters in body" --> Word Count (272)
UserId="73441" --> Word Count (184)
UserId="76291" Comment="deleted 1 character in body" --> Word Count (297)
UserId="66040" --> Word Count (112)
UserId="66040" --> Word Count (8)
UserId="66040" --> Word Count (1)
UserId="76293" --> Word Count (153)
UserId="76293" --> Word Count (10)
UserId="76293" --> Word Count (1)
UserId="76293" Comment="deleted 902 characters in body" --> Word Count (72)
UserId="76293" Comment="deleted 902 characters in body" --> Word Count (61)
UserId="76293" Comment="deleted 902 characters in body" --> Word Count (64)
UserId="76292" --> Word Count (1755)
UserId="76292" --> Word Count (4)
UserId="76292" --> Word Count (1)

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UserId="76295" --> Word Count (21)  
 UserId="76295" --> Word Count (8)  
 UserId="76295" --> Word Count (1)  
 UserId="76203" --> Word Count (20)  
 UserId="76295" --> Word Count (28)  
 UserId="76295" --> Word Count (16)  
 UserId="76295" --> Word Count (1)  
 UserId="73251" --> Word Count (64)  
 UserId="73251" --> Word Count (11)  
 UserId="73251" --> Word Count (1)  
 UserId="76299" --> Word Count (68)  
 UserId="76299" --> Word Count (14)  
 UserId="76299" --> Word Count (1)  
 UserId="76298" --> Word Count (114)  
 UserId="76303" --> Word Count (563)  
 UserId="76303" --> Word Count (11)  
 UserId="76303" --> Word Count (1)  
 UserId="76304" --> Word Count (101)  
 UserId="76304" --> Word Count (18)  
 UserId="76304" --> Word Count (1)  
 UserId="37330" --> Word Count (76)  
 UserId="76306" --> Word Count (138)  
 UserId="76306" --> Word Count (7)  
 UserId="76306" --> Word Count (1)  
 UserId="76243" Comment="fixed stationary/standardization misuse" --> Word Count (132)  
 UserId="73851" Comment="tag and spell check" --> Word Count (61)  
 UserId="73851" Comment="tag and spell check" --> Word Count (7)  
 UserId="55122" --> Word Count (110)  
 UserId="14379" Comment="conda sometimes has a bug, it is better to use full name for arguments sometimes" --> Word Count (108)  
 UserId="74421" --> Word Count (76)  
 UserId="74421" --> Word Count (10)  
 UserId="74421" --> Word Count (1)  
 UserId="74421" Comment="added 16 characters in body" --> Word Count (78)  
 UserId="74421" Comment="via Vote" --> Word Count (1)  
 <DELETE> --> Word Count (234)  
 <DELETE> --> Word Count (7)  
 <DELETE> --> Word Count (1)  
 UserId="74421" --> Word Count (1)  
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 UserId="67939" --> Word Count (21)  
 UserId="67939" --> Word Count (1)  
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 UserId="53276" --> Word Count (8)  
 UserId="53276" --> Word Count (1)  
 UserId="76087" --> Word Count (258)  
 UserId="76087" --> Word Count (5)



UserId="76087" --> Word Count (1)  
 UserId="64377" --> Word Count (88)  
 UserId="29169" Comment="deleted 5 characters in body" --> Word Count (138)  
 UserId="76311" --> Word Count (288)  
 UserId="76311" --> Word Count (11)  
 UserId="76311" --> Word Count (1)  
 UserId="64876" --> Word Count (126)  
 UserId="64876" --> Word Count (6)  
 UserId="64876" --> Word Count (1)  
 UserId="76315" --> Word Count (195)  
 UserId="76315" --> Word Count (12)  
 UserId="76315" --> Word Count (1)  
 UserId="71578" Comment="Added and edited Transformer wiki" --> Word Count (30)  
 UserId="74421" --> Word Count (30)  
 UserId="74421" --> Word Count (12)  
 UserId="74421" --> Word Count (1)  
 UserId="76321" --> Word Count (111)  
 UserId="76321" --> Word Count (7)  
 UserId="76321" --> Word Count (1)  
 UserId="-1" Comment="103" --> Word Count (4)  
 UserId="71006" --> Word Count (146)  
 UserId="76321" Comment="added 81 characters in body" --> Word Count (117)  
 UserId="53357" --> Word Count (140)  
 UserId="73441" --> Word Count (71)  
 UserId="53357" Comment="added 300 characters in body" --> Word Count (190)  
 UserId="71006" --> Word Count (37)  
 UserId="76325" --> Word Count (89)  
 UserId="76325" --> Word Count (17)  
 UserId="76325" --> Word Count (1)  
 UserId="76325" Comment="deleted 1 character in body; edited tags" --> Word Count (89)  
 UserId="76325" Comment="deleted 1 character in body; edited tags" --> Word Count (1)  
 UserId="34269" --> Word Count (574)  
 UserId="76325" Comment="added 85 characters in body" --> Word Count (110)  
 UserId="52291" Comment="Format code" --> Word Count (48)  
 UserId="44598" --> Word Count (421)  
 UserId="44598" --> Word Count (10)  
 UserId="44598" --> Word Count (1)  
 UserId="44598" Comment="change tag" --> Word Count (421)  
 UserId="44598" Comment="change tag" --> Word Count (1)  
 UserId="76209" Comment="(m) typo 'as' -&gt; 'has'" --> Word Count (219)  
 UserId="924" --> Word Count (125)  
 UserId="76332" --> Word Count (263)  
 UserId="76332" --> Word Count (12)  
 UserId="76332" --> Word Count (1)  
 UserId="924" Comment="added 176 characters in body" --> Word Count (157)  
 UserId="76329" --> Word Count (120)

UserId="76329" --> Word Count (15)  
 UserId="76329" --> Word Count (1)  
 UserId="76333" --> Word Count (108)  
 UserId="74781" --> Word Count (106)  
 UserId="74781" --> Word Count (10)  
 UserId="74781" --> Word Count (1)  
 UserId="71006" --> Word Count (58)  
 UserId="37572" --> Word Count (90)  
 UserId="76315" --> Word Count (182)  
 UserId="76315" --> Word Count (13)  
 UserId="76315" --> Word Count (1)  
 UserId="76337" --> Word Count (46)  
 UserId="76337" --> Word Count (10)  
 UserId="76337" --> Word Count (1)  
 UserId="65131" --> Word Count (81)  
 UserId="76336" --> Word Count (80)  
 UserId="76336" --> Word Count (6)  
 UserId="76336" --> Word Count (1)  
 UserId="76209" --> Word Count (53)  
 UserId="10372" --> Word Count (219)  
 UserId="76209" --> Word Count (36)  
 UserId="60269" Comment="change in code" Text="Oh Wow, `textblob`'s default setting can't deal with even a reasonable amount of data.&#xD;&#xA;&#xD;&#xA;\*&#xA;TL;DR: You do need better control over what the library does.&#xA;&#xA;&#xA;&#xA;The class [NaiveBayesClassifier][naive], or more exactly it's superclass [NLTKClassifier][nltk] uses a default for of `feature\_extractor`. In this case it uses [basic\_extractor][base], which, apart from stemming the words in some way (not relevant for us here) it does the following:&#xD;&#xA;&#xD;&#xA; features = dict(((u'contains({0})'.format(word), (word in tokens))&#xD;&#xA; for word in word\_features))&#xD;&#xA;&#xD;&#xA;Once per each document (sample).&#xD;&#xA;&#xD;&#xA;[naive]: <https://github.com/sloria/TextBlob/blob/dev/textblob/classifiers.py#L289>&#xA;[nltk]: <https://github.com/sloria/TextBlob/blob/dev/textblob/classifiers.py#L188>&#xA;[base]: <https://github.com/sloria/> --> Word Count (703)  
 UserId="74735" Comment="hook means hooks, not a typo" Text="Oh Wow, `textblob`'s default setting can't deal with even a reasonable amount of data.&#xD;&#xA;&#xD;&#xA;\*&#xA;TL;DR: You do need better control over what the library does.&#xA;&#xA;&#xA;&#xA;The class [NaiveBayesClassifier][naive], or more exactly it's superclass [NLTKClassifier][nltk] uses a default for of `feature\_extractor`. In this case it uses [basic\_extractor][base], which, apart from stemming the words in some way (not relevant for us here) it does the following:&#xD;&#xA;&#xD;&#xA; features = dict(((u'contains({0})'.format(word), (word in tokens))&#xD;&#xA; for word in word\_features))&#xD;&#xA;&#xD;&#xA;Once per each document (sample).&#xD;&#xA;&#xD;&#xA;[naive]: <https://github.com/sloria/TextBlob/blob/dev/textblob/classifiers.py#L289>&#xA;[nltk]: <https://github.com/sloria/TextBlob/blob/dev/textblob/classifiers.py#L188>&#xA;[base]:

<https://github.com/slوريا/> --> Word Count (703)  
 UserId="37572" Comment="The problem is not in a dataframe as it was explained in the title" --> Word Count (10)  
 UserId="76338" Comment="Corrected typo and what is being asked" --> Word Count (82)  
 UserId="28685" --> Word Count (94)  
 UserId="76343" --> Word Count (72)  
 UserId="76343" --> Word Count (7)  
 UserId="76343" --> Word Count (1)  
 UserId="64377" --> Word Count (33)  
 UserId="75116" --> Word Count (166)  
 UserId="75116" --> Word Count (4)  
 UserId="75116" --> Word Count (1)  
 UserId="73251" Comment="added 30 characters in body" --> Word Count (67)  
 UserId="74080" --> Word Count (96)  
 UserId="74080" --> Word Count (10)  
 UserId="74080" --> Word Count (1)  
 UserId="10372" --> Word Count (34)  
 UserId="65131" --> Word Count (61)  
 UserId="61445" --> Word Count (138)  
 UserId="61445" --> Word Count (6)  
 UserId="61445" --> Word Count (1)  
 UserId="76348" --> Word Count (287)  
 UserId="76348" --> Word Count (12)  
 UserId="76348" --> Word Count (1)  
 UserId="51044" --> Word Count (47)  
 UserId="51044" --> Word Count (11)  
 UserId="51044" --> Word Count (1)  
 UserId="59893" --> Word Count (114)  
 UserId="59893" --> Word Count (6)  
 UserId="59893" --> Word Count (1)  
 UserId="52089" --> Word Count (55)  
 UserId="49054" Comment="Trivial changes" --> Word Count (139)  
 UserId="62073" --> Word Count (268)  
 UserId="62073" --> Word Count (13)  
 UserId="62073" --> Word Count (1)  
 UserId="30613" --> Word Count (280)  
 UserId="30613" --> Word Count (11)  
 UserId="30613" --> Word Count (1)  
 UserId="65131" --> Word Count (112)  
 UserId="23240" --> Word Count (62)  
 UserId="23240" --> Word Count (8)  
 UserId="23240" --> Word Count (1)  
 UserId="69263" Comment="deleted 2 characters in body" --> Word Count (123)  
 UserId="76356" --> Word Count (76)  
 UserId="76356" --> Word Count (14)  
 UserId="76356" --> Word Count (1)  
 UserId="75657" --> Word Count (151)

UserId="75657" --> Word Count (11)  
 UserId="75657" --> Word Count (1)  
 UserId="69822" --> Word Count (63)  
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 UserId="29169" Comment="added 33 characters in body" --> Word Count (76)  
 UserId="66577" --> Word Count (108)  
 UserId="29169" Comment="added 20 characters in body" --> Word Count (87)  
 UserId="29169" Comment="added 6 characters in body" --> Word Count (46)  
 UserId="29169" Comment="deleted 24 characters in body" --> Word Count (182)  
 UserId="76359" --> Word Count (300)  
 UserId="66577" --> Word Count (99)  
 UserId="29169" Comment="added 108 characters in body" --> Word Count (140)  
 UserId="53357" Comment="deleted 85 characters in body; edited title" --> Word Count (104)  
 UserId="53357" Comment="deleted 85 characters in body; edited title" --> Word Count (14)  
 UserId="76203" --> Word Count (176)  
 UserId="44598" Comment="edited title" --> Word Count (10)  
 UserId="56922" --> Word Count (72)  
 UserId="56922" --> Word Count (9)  
 UserId="56922" --> Word Count (1)  
 UserId="76306" Comment="edited title" --> Word Count (9)  
 UserId="65131" --> Word Count (124)  
 UserId="43077" Comment="added 28 characters in body" --> Word Count (331)  
 UserId="43077" Comment="deleted 18 characters in body" --> Word Count (329)  
 UserId="47311" Comment="Gave a code example based on comments." --> Word Count (285)  
 UserId="70066" --> Word Count (313)  
 UserId="74719" --> Word Count (95)  
 UserId="74719" --> Word Count (13)  
 UserId="74719" --> Word Count (1)  
 <DELETE> --> Word Count (100)  
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 UserId="51812" --> Word Count (86)  
 UserId="29575" Comment="Note OP's comment" --> Word Count (31)  
 UserId="76312" --> Word Count (87)  
 UserId="76312" --> Word Count (9)  
 UserId="76312" --> Word Count (1)  
 UserId="76356" --> Word Count (231)  
 UserId="76356" --> Word Count (21)  
 UserId="76356" --> Word Count (1)  
 UserId="73441" Comment="added 4 characters in body; deleted 4 characters in body; added 1 character in body" --> Word Count (189)  
 UserId="76381" --> Word Count (229)  
 UserId="76381" --> Word Count (7)  
 UserId="76381" --> Word Count (1)

UserId="76386" --> Word Count (84)  
 UserId="76386" --> Word Count (9)  
 UserId="76386" --> Word Count (1)  
 UserId="74421" Comment="added backtick" --> Word Count (84)  
 UserId="51812" --> Word Count (39)  
 UserId="74421" Comment="added backticks" --> Word Count (178)  
 UserId="76389" --> Word Count (21)  
 UserId="31822" --> Word Count (72)  
 <DELETE> --> Word Count (445)  
 <DELETE> --> Word Count (11)  
 <DELETE> --> Word Count (1)  
 UserId="53357" Comment="deleted 29 characters in body" --> Word Count (442)  
 <DELETE> --> Word Count (55)  
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 <DELETE> --> Word Count (1)  
 <DELETE> --> Word Count (152)  
 UserId="28175" --> Word Count (139)  
 UserId="28175" Comment="deleted 1 character in body; edited tags; edited title"  
 --> Word Count (55)  
 UserId="28175" Comment="deleted 1 character in body; edited tags; edited title"  
 --> Word Count (14)  
 UserId="28175" Comment="deleted 1 character in body; edited tags; edited title"  
 --> Word Count (1)  
 UserId="76392" --> Word Count (102)  
 UserId="76392" --> Word Count (15)  
 UserId="76392" --> Word Count (1)  
 UserId="76386" Comment="edited tags" --> Word Count (1)  
 UserId="76394" --> Word Count (182)  
 UserId="76395" --> Word Count (59)  
 UserId="70749" --> Word Count (169)  
 UserId="70749" --> Word Count (10)  
 UserId="70749" --> Word Count (1)  
 UserId="45374" --> Word Count (38)  
 UserId="73851" Comment="added 24 characters in body" --> Word Count (25)  
 UserId="69822" Comment="edited body" --> Word Count (187)  
 UserId="76203" --> Word Count (31)  
 UserId="76409" --> Word Count (56)  
 UserId="75428" --> Word Count (85)  
 UserId="76411" --> Word Count (83)  
 UserId="76411" --> Word Count (16)  
 UserId="76411" --> Word Count (1)  
 UserId="76087" --> Word Count (41)  
 UserId="76413" --> Word Count (546)  
 UserId="76413" --> Word Count (16)  
 UserId="76413" --> Word Count (1)  
 UserId="46360" --> Word Count (43)  
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 UserId="43193" --> Word Count (8)

UserId="43193" --> Word Count (1)  
 UserId="46360" --> Word Count (175)  
 UserId="76417" --> Word Count (50)  
 UserId="76417" --> Word Count (7)  
 UserId="76417" --> Word Count (1)  
 UserId="34269" Comment="improved formatting" --> Word Count (50)  
 UserId="34269" Comment="improved formatting" --> Word Count (1)  
 UserId="34269" --> Word Count (86)  
 UserId="71544" --> Word Count (106)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (43)  
 UserId="34269" --> Word Count (358)  
 UserId="73851" Comment="tag and spell check" --> Word Count (50)  
 UserId="73851" Comment="tag and spell check" --> Word Count (1)  
 UserId="29575" Comment="tag and spell check" --> Word Count (52)  
 UserId="69816" --> Word Count (90)  
 UserId="76203" --> Word Count (29)  
 UserId="76426" --> Word Count (598)  
 UserId="76426" --> Word Count (6)  
 UserId="76426" --> Word Count (1)  
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 UserId="29217" --> Word Count (106)  
 UserId="76427" --> Word Count (114)  
 UserId="76427" --> Word Count (5)  
 UserId="76427" --> Word Count (1)  
 UserId="29575" Comment="via Vote" --> Word Count (2)  
 UserId="76087" Comment="The question has many typos and improper explanation of a few terms which I have corrected." --> Word Count (87)  
 UserId="64377" --> Word Count (79)  
 UserId="74640" --> Word Count (193)  
 UserId="74640" --> Word Count (9)  
 UserId="74640" --> Word Count (1)  
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 UserId="76431" --> Word Count (4)  
 UserId="76431" --> Word Count (1)  
 UserId="65131" --> Word Count (35)  
 UserId="65131" --> Word Count (11)  
 UserId="65131" --> Word Count (1)  
 UserId="-1" Comment="Corrected spelling, improved grammar, improved formatting. ~DA" --> Word Count (596)  
 UserId="-1" Comment="Corrected spelling, improved grammar, improved formatting. ~DA" --> Word Count (6)  
 UserId="-1" Comment="Corrected spelling, improved grammar, improved formatting, added relevant tag. ~DA" --> Word Count (131)  
 UserId="-1" Comment="Corrected spelling, improved grammar, improved formatting, added relevant tag. ~DA" --> Word Count (13)  
 UserId="-1" Comment="Corrected spelling, improved grammar, improved formatting,

added relevant tag. ~DA" --> Word Count (1)  
 UserId="29575" Comment="Corrected spelling, improved grammar, improved  
 formatting, added relevant tag. ~DA" --> Word Count (131)  
 UserId="76433" --> Word Count (77)  
 UserId="76433" --> Word Count (3)  
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 UserId="44707" --> Word Count (12)  
 UserId="44707" --> Word Count (1)  
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 UserId="76435" --> Word Count (22)  
 UserId="76435" --> Word Count (7)  
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 UserId="76203" Comment="added 420 characters in body" --> Word Count (83)  
 UserId="76436" --> Word Count (144)  
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 UserId="76444" --> Word Count (111)  
 UserId="76444" --> Word Count (8)  
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 UserId="76446" --> Word Count (117)  
 UserId="76446" --> Word Count (3)  
 UserId="76446" --> Word Count (1)  
 UserId="71442" --> Word Count (218)  
 UserId="37184" --> Word Count (109)  
 UserId="31015" --> Word Count (243)  
 UserId="31015" Comment="added 146 characters in body" --> Word Count (265)  
 UserId="52011" --> Word Count (25)  
 UserId="52011" --> Word Count (11)  
 UserId="52011" --> Word Count (1)  
 UserId="74421" --> Word Count (721)  
 UserId="52011" --> Word Count (14)  
 UserId="74421" Comment="added 22 characters in body" --> Word Count (738)  
 UserId="74421" Comment="deleted 7 characters in body" --> Word Count (738)  
 UserId="29169" Comment="deleted 5 characters in body" --> Word Count (23)  
 UserId="29169" Comment="added 7 characters in body" --> Word Count (94)  
 UserId="29169" Comment="added 24 characters in body" --> Word Count (49)  
 UserId="29169" Comment="added 40 characters in body" --> Word Count (194)

UserId="29169" Comment="added 40 characters in body" --> Word Count (10)  
 UserId="76452" --> Word Count (98)  
 UserId="29169" Comment="added 2 characters in body; edited title" --> Word Count (95)  
 UserId="29169" Comment="added 2 characters in body; edited title" --> Word Count (13)  
 UserId="29169" Comment="deleted 2 characters in body" --> Word Count (80)  
 UserId="29169" Comment="added 24 characters in body" --> Word Count (191)  
 UserId="29169" Comment="added 10 characters in body" --> Word Count (88)  
 UserId="29169" Comment="added 8 characters in body" --> Word Count (116)  
 UserId="29169" Comment="added 20 characters in body; edited title" --> Word Count (72)  
 UserId="29169" Comment="added 20 characters in body; edited title" --> Word Count (14)  
 UserId="29169" Comment="added 6 characters in body; edited title" --> Word Count (314)  
 UserId="29169" Comment="added 6 characters in body; edited title" --> Word Count (7)  
 UserId="1330" --> Word Count (75)  
 UserId="76453" --> Word Count (81)  
 UserId="76453" --> Word Count (12)  
 UserId="76453" --> Word Count (1)  
 UserId="1330" Comment="added 216 characters in body" --> Word Count (93)  
 UserId="74421" --> Word Count (72)  
 UserId="74421" --> Word Count (12)  
 UserId="74421" --> Word Count (1)  
 UserId="70546" --> Word Count (49)  
 UserId="70546" --> Word Count (8)  
 UserId="70546" --> Word Count (1)  
 UserId="76456" --> Word Count (71)  
 UserId="76456" --> Word Count (10)  
 UserId="76456" --> Word Count (1)  
 UserId="29575" Comment="Minor formatting" --> Word Count (69)  
 UserId="29575" --> Word Count (2)  
 UserId="38911" --> Word Count (140)  
 UserId="38911" --> Word Count (10)  
 UserId="38911" --> Word Count (1)  
 UserId="1330" Comment="added 8 characters in body" --> Word Count (95)  
 UserId="73441" --> Word Count (142)  
 UserId="38911" Comment="added 27 characters in body" --> Word Count (149)  
 UserId="74719" Comment="added 2 characters in body" --> Word Count (95)  
 UserId="74719" Comment="added 2 characters in body" --> Word Count (1)  
 UserId="76198" --> Word Count (111)  
 UserId="76198" --> Word Count (9)  
 UserId="76198" --> Word Count (1)  
 UserId="74421" Comment="added \$ sign" --> Word Count (48)  
 UserId="38892" Comment="added \$ sign" --> Word Count (48)  
 UserId="38892" --> Word Count (38)



UserId="74421" Comment="added backtick" --> Word Count (75)  
 UserId="38892" Comment="added backtick" --> Word Count (78)  
 UserId="76466" --> Word Count (169)  
 UserId="76466" --> Word Count (2)  
 UserId="76466" --> Word Count (1)  
 UserId="66788" --> Word Count (96)  
 UserId="68023" --> Word Count (136)  
 UserId="74166" --> Word Count (116)  
 UserId="74166" --> Word Count (15)  
 UserId="74166" --> Word Count (1)  
 UserId="58034" --> Word Count (1111)  
 UserId="34269" --> Word Count (98)  
 UserId="49517" --> Word Count (292)  
 UserId="49517" --> Word Count (4)  
 UserId="49517" --> Word Count (1)  
 UserId="76471" --> Word Count (120)  
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 UserId="65131" Comment="more precise" --> Word Count (138)  
 UserId="28175" Comment="added 397 characters in body" --> Word Count (132)  
 UserId="836" --> Word Count (975)  
 UserId="836" Comment="added 285 characters in body" --> Word Count (1021)  
 UserId="49517" Comment="added 472 characters in body" --> Word Count (365)  
 UserId="70164" Comment="edited body" --> Word Count (379)  
 UserId="63031" --> Word Count (180)  
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 UserId="10814" Text="With [Wolfram

Language](https://reference.wolfram.com/language/) you may use  
[``TextCases``](http://reference.wolfram.com/language/ref/TextCases.html) or  
[``TextContents``](http://reference.wolfram.com/language/ref/TextContents.html)  
from the [Text Analysis  
guide](https://reference.wolfram.com/language/guide/TextAnalysis.html). These  
are both experimental functions so may change a bit before they are finalised in  
a future version. Both have the  
[``TargetDevice``](http://reference.wolfram.com/language/ref/TargetDevice.html)  
option so you can run them on one or more GPUs if you have  
them.&#xD;&#xA;&#xD;&#xA;Reference the [Text Content Types  
guide](https://reference.wolfram.com/language/guide/TextContentTypes.html) for  
the list of entities these functions have been trained on.  
&#xD;&#xA;&#xD;&#xA;I think ``TextContents`` is an optimised call to ``TextCases``  
for multiple cases so I will only use ``TextContents``  
below.&#xD;&#xA;&#xD;&#xA;Use ``TextContents`` to locate all trained entities in  
your sentences.&#xD;&#xA;&#xD;&#xA;res1 = TextContents["The temperature  
today is 35°C.";, TargetDevice -&gt;  
"GPU"]&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;! [Mathematica  
graphics](http://i.stack.imgur.com/h4eLG.png)&#xD;&#xA;&#xD;&#xA;res2 =  
TextContents["Store risperidone tablet at 20°C.";, TargetDevice -&gt;  
"GPU"]&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;! [Mathematica  
graphics](http://i.stack.imgur.com/IPkDX.png)&#xD;&#xA;&#xD;&#xA;` --> Word  
Count (106)  
UserId="10814" Comment="added 17 characters in body" Text="With [Wolfram  
Language](https://reference.wolfram.com/language/) you may use  
[``TextCases``](http://reference.wolfram.com/language/ref/TextCases.html) or  
[``TextContents``](http://reference.wolfram.com/language/ref/TextContents.html)  
from the [Text Analysis  
guide](https://reference.wolfram.com/language/guide/TextAnalysis.html). These  
are both experimental functions so may change a bit before they are finalised in  
a future version. Both have the  
[``TargetDevice``](http://reference.wolfram.com/language/ref/TargetDevice.html)  
option so you can run them on one or more GPUs if you have  
them.&#xD;&#xA;&#xD;&#xA;Reference the [Text Content Types  
guide](https://reference.wolfram.com/language/guide/TextContentTypes.html) for  
the list of entities these functions have been trained on.  
&#xD;&#xA;&#xD;&#xA;I think ``TextContents`` is an optimised call to ``TextCases``  
for multiple cases so I will only use ``TextContents``  
below.&#xD;&#xA;&#xD;&#xA;Use ``TextContents`` to locate all trained entities in  
your sentences.&#xD;&#xA;&#xD;&#xA;res1 = TextContents["The temperature  
today is 35°C.";, TargetDevice -&gt;  
"GPU"]&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;! [Mathematica  
graphics](http://i.stack.imgur.com/h4eLG.png)&#xD;&#xA;&#xD;&#xA;res2 =  
TextContents["Store risperidone tablet at 20°C.";, TargetDevice -&gt;  
"GPU"]&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;! [Mathematica  
graphics](http://i.stack.imgur.com/IPkDX.png)&#xD;&#xA;&#xD;&#xA;` --> Word  
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 UserId="71442" Comment="Text and table formating" --> Word Count (205)  
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 UserId="29575" Comment="indent code so shows correctly" --> Word Count (147)  
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 UserId="73678" --> Word Count (6)  
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 --> Word Count (132)  
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 UserId="76495" --> Word Count (8)  
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 UserId="76422" Comment="edited title" --> Word Count (13)  
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 UserId="55122" --> Word Count (77)  
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 UserId="76386" --> Word Count (56)  
 UserId="76386" --> Word Count (11)  
 UserId="76386" --> Word Count (1)  
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 Count (476)  
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 Count (12)  
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 UserId="38892" Comment="added 16 characters in body" --> Word Count (154)  
 UserId="34269" --> Word Count (85)  
 UserId="76511" --> Word Count (201)  
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 UserId="56913" --> Word Count (10)  
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 UserId="76445" --> Word Count (5)  
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 UserId="71675" Comment="added 102 characters in body; deleted 101 characters in body" --> Word Count (108)  
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--> Word Count (116)
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--> Word Count (129)
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UserId="76531" --> Word Count (19)
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UserId="74421" Comment="added 82 characters in body" --> Word Count (114)  
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 --> Word Count (44)  
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 --> Word Count (8)  
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 --> Word Count (1)  
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 --> Word Count (32)  
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 Count (122)  
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 Count (15)  
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 UserId="76583" Comment="added 37 characters in body" --> Word Count (87)  
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 UserId="57323" Comment="initialise imported lib" --> Word Count (1228)  
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 UserId="47371" --> Word Count (311)  
 UserId="65131" --> Word Count (134)  
 UserId="38083" Comment="added 1 character in body" --> Word Count (25)  
 UserId="33551" --> Word Count (86)  
 UserId="47371" --> Word Count (478)  
 UserId="65131" Comment="improved explanation" --> Word Count (140)  
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 need to have it in the title" --> Word Count (8)  
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 need to have it in the title" --> Word Count (1)  
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 UserId="55122" Comment="edited tags" --> Word Count (1)

UserId="73393" Comment="edited body" --> Word Count (186)  
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 UserId="25673" --> Word Count (1)  
 UserId="46360" --> Word Count (96)  
 UserId="45264" --> Word Count (106)  
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 UserId="68990" --> Word Count (9)  
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 UserId="45264" Comment="Update after comments" --> Word Count (356)  
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 UserId="52196" Comment="improved formatting" --> Word Count (36)  
 UserId="38892" Comment="improved formatting" --> Word Count (40)  
 UserId="62054" Comment="added 11 characters in body" --> Word Count (129)  
 UserId="69646" Comment="added 876 characters in body" --> Word Count (580)  
 UserId="23240" --> Word Count (107)  
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 UserId="23240" --> Word Count (1)  
 UserId="75738" --> Word Count (227)  
 UserId="73851" Comment="tag and spell check" --> Word Count (130)  
 UserId="47371" --> Word Count (286)  
 UserId="14675" --> Word Count (103)  
 UserId="65269" Comment="added 353 characters in body" --> Word Count (88)  
 UserId="75685" --> Word Count (904)  
 UserId="75685" --> Word Count (16)  
 UserId="75685" --> Word Count (1)  
 UserId="75390" --> Word Count (48)  
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 UserId="75390" --> Word Count (1)  
 UserId="47371" --> Word Count (52)  
 UserId="53357" --> Word Count (24)  
 UserId="47371" --> Word Count (160)  
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Count (39)

UserId="76614" Comment="added 95 characters in body; edited tags" --> Word Count (1)

UserId="76640" --> Word Count (120)

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UserId="64856" --> Word Count (35)

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UserId="76640" --> Word Count (58)

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UserId="76641" --> Word Count (1)

UserId="71442" --> Word Count (146)

UserId="75685" Comment="deleted 2 characters in body" --> Word Count (904)

UserId="76641" Comment="Formatting" --> Word Count (595)

UserId="75685" --> Word Count (6)

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UserId="40360" --> Word Count (1)

UserId="71442" --> Word Count (133)

UserId="71442" Comment="added 131 characters in body" --> Word Count (146)

UserId="29169" Comment="added 1 character in body" --> Word Count (5)

UserId="29169" Comment="added 4 characters in body; edited title" --> Word Count (129)

UserId="29169" Comment="added 4 characters in body; edited title" --> Word Count (6)

UserId="76177" --> Word Count (1142)

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UserId="76177" --> Word Count (1)

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UserId="71442" Comment="added 28 characters in body" --> Word Count (52)

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UserId="76650" --> Word Count (428)

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UserId="76650" --> Word Count (1)

UserId="76653" --> Word Count (60)

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UserId="76653" --> Word Count (1)

UserId="37184" --> Word Count (116)

UserId="64856" Comment="added 3679 characters in body" --> Word Count (1238)

UserId="76641" Comment="added 73 characters in body" --> Word Count (634)

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UserId="76655" --> Word Count (17)

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 UserId="74421" Comment="via Vote" --> Word Count (1)  
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 UserId="29169" Comment="added 13 characters in body" --> Word Count (12)  
 UserId="67448" --> Word Count (390)  
 UserId="67448" --> Word Count (7)  
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 UserId="76656" --> Word Count (120)  
 UserId="76656" --> Word Count (5)  
 UserId="76656" --> Word Count (1)  
 UserId="67448" Comment="added 27 characters in body; edited title" --> Word Count (394)  
 UserId="67448" Comment="added 27 characters in body; edited title" --> Word Count (9)  
 UserId="62054" Comment="added 568 characters in body" --> Word Count (203)  
 UserId="62054" Comment="added 1 character in body" --> Word Count (245)  
 UserId="76171" --> Word Count (229)  
 UserId="76171" --> Word Count (6)  
 UserId="76171" --> Word Count (1)  
 UserId="62054" Comment="added 9 characters in body" --> Word Count (246)  
 UserId="64760" --> Word Count (94)  
 UserId="64760" Comment="via Vote" --> Word Count (2)  
 UserId="76658" --> Word Count (247)  
 UserId="76658" --> Word Count (6)  
 UserId="76658" --> Word Count (1)  
 UserId="64760" --> Word Count (2)  
 UserId="62054" Comment="added 234 characters in body" --> Word Count (256)  
 UserId="64760" Comment="added 93 characters in body" --> Word Count (107)  
 UserId="62054" Comment="added 234 characters in body" --> Word Count (256)  
 UserId="76659" --> Word Count (171)  
 UserId="76659" --> Word Count (7)  
 UserId="76659" --> Word Count (1)  
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 UserId="76664" --> Word Count (5)  
 UserId="76664" --> Word Count (1)  
 UserId="32440" --> Word Count (42)  
 UserId="51812" --> Word Count (73)  
 UserId="64760" Comment="This question is irrelevant to RStudio, which is merely an interface for R" --> Word Count (1)  
 UserId="43077" Comment="added 983 characters in body" --> Word Count (385)  
 UserId="43077" Comment="added 23 characters in body" --> Word Count (390)  
 UserId="55122" --> Word Count (105)  
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UserId="74421" Comment="added code identifier" --> Word Count (40)  
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 UserId="76523" --> Word Count (1)  
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 UserId="40750" --> Word Count (126)  
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 UserId="65338" --> Word Count (2)  
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 UserId="59608" --> Word Count (1)  
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 UserId="76681" Comment="deleted 339 characters in body" --> Word Count (274)  
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 UserId="75952" --> Word Count (1)  
 UserId="66758" Comment="added 842 characters in body" --> Word Count (183)  
 UserId="76692" --> Word Count (113)  
 UserId="76692" --> Word Count (6)  
 UserId="76692" --> Word Count (1)  
 UserId="5211" Comment="added 512 characters in body" --> Word Count (209)  
 UserId="24818" --> Word Count (96)  
 UserId="76674" Comment="added tags" --> Word Count (1)  
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 UserId="29575" Comment="Remove extra commentary" --> Word Count (179)  
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 UserId="65131" --> Word Count (90)  
 UserId="73393" --> Word Count (146)  
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 UserId="73393" --> Word Count (1)  
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 UserId="73393" Comment="edited tags" --> Word Count (1)  
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 UserId="76709" --> Word Count (1)  
 UserId="53357" Comment="added 1 character in body" --> Word Count (211)  
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 UserId="76709" Comment="added 89 characters in body" --> Word Count (361)  
 UserId="71442" --> Word Count (17)  
 UserId="73441" --> Word Count (154)  
 UserId="76655" Comment="added 2581 characters in body" --> Word Count (1418)  
 UserId="76714" --> Word Count (51)  
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 UserId="76540" --> Word Count (9)



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 UserId="76560" --> Word Count (64)  
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 UserId="76659" --> Word Count (1)  
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 UserId="34269" Comment="improved answer" --> Word Count (842)  
 UserId="8820" --> Word Count (108)  
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UserId="74421" Comment="added backticks" --> Word Count (29)  
UserId="56913" Comment="edited tags" --> Word Count (1)  
UserId="76740" --> Word Count (578)  
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UserId="29169" Comment="added backticks" --> Word Count (125)  
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UserId="76674" Comment="formatting, question mark" --> Word Count (579)  
UserId="76742" --> Word Count (14)  
UserId="8820" Comment="edited title" --> Word Count (17)  
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UserId="76740" --> Word Count (286)  
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UserId="74421" Comment="added \$ and backpacks" --> Word Count (112)  
UserId="76674" Comment="added tags, grammar, formatting" --> Word Count (109)  
UserId="76674" Comment="added tags, grammar, formatting" --> Word Count (1)  
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UserId="69557" --> Word Count (56)  
UserId="69557" --> Word Count (13)  
UserId="69557" --> Word Count (1)  
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UserId="76674" Comment="added tags, grammar, formatting" --> Word Count (1)  
UserId="37675" Comment="added 102 characters in body" --> Word Count (460)  
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UserId="3320" Comment="added 715 characters in body" --> Word Count (228)  
UserId="76145" --> Word Count (32)  
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UserId="51163" --> Word Count (391)  
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 UserId="76753" --> Word Count (6)  
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 UserId="55122" Comment="added tags, formatting" --> Word Count (285)  
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 UserId="55122" Comment="This question is about R the programming language, not Rstudio the IDE" --> Word Count (57)  
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 UserId="45264" Comment="Updated after comment" --> Word Count (516)  
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 UserId="55122" Comment="added tags, formatting" --> Word Count (123)  
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UserId="76540" --> Word Count (19)  
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 UserId="76674" Comment="formatted and elegant" --> Word Count (31)  
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 UserId="76674" Comment="added tags, formatting" --> Word Count (1)  
 UserId="45264" Comment="Added to answer after comments" --> Word Count (233)  
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 UserId="76773" --> Word Count (182)  
 UserId="76773" --> Word Count (8)  
 UserId="76773" --> Word Count (1)  
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 UserId="76772" Comment="added 21 characters in body; edited title" --> Word Count (10)  
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 UserId="76785" Comment="added 18 characters in body; edited tags" --> Word Count (1)  
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 UserId="471" Comment="format code" --> Word Count (232)  
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 UserId="58340" --> Word Count (31)  
 UserId="76793" --> Word Count (357)  
 UserId="76265" --> Word Count (106)  
 UserId="76265" --> Word Count (12)  
 UserId="76265" --> Word Count (1)  
 UserId="68443" --> Word Count (101)  
 UserId="68443" --> Word Count (6)  
 UserId="68443" --> Word Count (1)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (352)  
 UserId="76802" --> Word Count (187)  
 UserId="76802" --> Word Count (7)  
 UserId="76802" --> Word Count (1)

UserId="73441" --> Word Count (102)  
 UserId="76804" --> Word Count (27)  
 UserId="76804" --> Word Count (5)  
 UserId="76804" --> Word Count (1)  
 UserId="76546" --> Word Count (55)  
 UserId="76802" Comment="added 78 characters in body" --> Word Count (199)  
 UserId="76805" --> Word Count (613)  
 UserId="76805" --> Word Count (11)  
 UserId="76805" --> Word Count (1)  
 UserId="76807" --> Word Count (73)  
 UserId="76807" --> Word Count (10)  
 UserId="76807" --> Word Count (1)  
 UserId="73441" --> Word Count (111)  
 UserId="76794" --> Word Count (67)  
 UserId="76812" --> Word Count (213)  
 UserId="76812" --> Word Count (11)  
 UserId="76812" --> Word Count (1)  
 UserId="76814" --> Word Count (119)  
 UserId="76814" --> Word Count (9)  
 UserId="76814" --> Word Count (1)  
 UserId="65131" --> Word Count (139)  
 UserId="58115" --> Word Count (70)  
 UserId="58115" --> Word Count (9)  
 UserId="58115" --> Word Count (1)  
 UserId="76265" --> Word Count (76)  
 UserId="65131" --> Word Count (107)  
 UserId="76265" --> Word Count (98)  
 UserId="59608" Comment="via Vote" --> Word Count (5)  
 UserId="59608" --> Word Count (5)  
 UserId="59608" Comment="deleted 85 characters in body" --> Word Count (46)  
 UserId="76811" --> Word Count (289)  
 UserId="76811" --> Word Count (21)  
 UserId="76811" --> Word Count (1)  
 UserId="59608" --> Word Count (41)  
 UserId="59608" --> Word Count (10)  
 UserId="59608" --> Word Count (1)  
 UserId="73441" --> Word Count (67)  
 UserId="76819" --> Word Count (56)  
 UserId="76819" --> Word Count (2)  
 UserId="76819" --> Word Count (1)  
 UserId="76674" Comment="Improved the question" --> Word Count (83)  
 UserId="76674" Comment="Improved the question" --> Word Count (11)  
 UserId="76696" --> Word Count (41)  
 UserId="69376" --> Word Count (201)  
 UserId="69376" --> Word Count (11)  
 UserId="69376" --> Word Count (1)  
 UserId="61445" --> Word Count (98)  
 UserId="61445" --> Word Count (6)

UserId="61445" --> Word Count (1)  
 UserId="45264" --> Word Count (71)  
 UserId="65559" --> Word Count (794)  
 UserId="65559" --> Word Count (13)  
 UserId="65559" --> Word Count (1)  
 UserId="73441" --> Word Count (36)  
 UserId="76820" --> Word Count (846)  
 UserId="76820" --> Word Count (5)  
 UserId="76820" --> Word Count (1)  
 UserId="76768" --> Word Count (58)  
 UserId="76768" --> Word Count (12)  
 UserId="76768" --> Word Count (1)  
 UserId="73851" Comment="tag and spell check" --> Word Count (45)  
 UserId="76825" --> Word Count (206)  
 UserId="76825" --> Word Count (4)  
 UserId="76825" --> Word Count (1)  
 UserId="73851" Comment="added 70 characters in body" --> Word Count (57)  
 UserId="65559" --> Word Count (317)  
 UserId="65559" --> Word Count (10)  
 UserId="65559" --> Word Count (1)  
 UserId="46505" Comment="Tags added." --> Word Count (1)  
 UserId="46505" Comment="Grammar improved." --> Word Count (201)  
 UserId="46505" Comment="Grammar improved." --> Word Count (4)  
 UserId="76801" --> Word Count (214)  
 UserId="76801" --> Word Count (9)  
 UserId="76801" --> Word Count (1)  
 UserId="61904" --> Word Count (165)  
 UserId="61904" --> Word Count (4)  
 UserId="61904" --> Word Count (1)  
 UserId="75448" Comment="added 16 characters in body" Text="My data exists of  
 several restaurant menus (in text form). I would like to detect the category of  
 an item on the menu which can be 'food' or 'drink'. &#xD;&#xA;&#xD;&#xA;How do I  
 call this kind of machine learning? --> Word Count (29)  
 UserId="57323" --> Word Count (39)  
 UserId="57323" --> Word Count (5)  
 UserId="57323" --> Word Count (1)  
 UserId="76537" --> Word Count (175)  
 UserId="76537" --> Word Count (8)  
 UserId="76537" --> Word Count (1)  
 UserId="76833" --> Word Count (27)  
 UserId="76833" --> Word Count (5)  
 UserId="76833" --> Word Count (1)  
 UserId="76834" --> Word Count (90)  
 UserId="76834" --> Word Count (13)  
 UserId="76834" --> Word Count (1)  
 UserId="42327" --> Word Count (116)  
 UserId="42327" --> Word Count (5)  
 UserId="42327" --> Word Count (1)

UserId="76819" Comment="added 58 characters in body" --> Word Count (59)  
 UserId="76540" --> Word Count (13)  
 UserId="76801" Comment="edited body" --> Word Count (214)  
 UserId="76773" Comment="deleted 13 characters in body" --> Word Count (181)  
 UserId="76836" --> Word Count (134)  
 UserId="76836" --> Word Count (8)  
 UserId="76836" --> Word Count (1)  
 UserId="71442" --> Word Count (116)  
 UserId="76837" --> Word Count (41)  
 UserId="76837" --> Word Count (6)  
 UserId="76837" --> Word Count (1)  
 UserId="76540" --> Word Count (44)  
 UserId="76540" --> Word Count (13)  
 UserId="76540" --> Word Count (24)  
 UserId="46505" Comment="tags added." --> Word Count (1)  
 UserId="29575" Comment="tags added." --> Word Count (28)  
 UserId="59901" --> Word Count (90)  
 UserId="59901" --> Word Count (11)  
 UserId="59901" --> Word Count (1)  
 UserId="25180" Comment="tags edited" --> Word Count (1)  
 UserId="71942" --> Word Count (36)  
 UserId="71942" --> Word Count (7)  
 UserId="71942" --> Word Count (1)  
 UserId="23305" --> Word Count (196)  
 UserId="23305" Comment="added 255 characters in body" --> Word Count (248)  
 UserId="32791" --> Word Count (192)  
 UserId="32791" --> Word Count (8)  
 UserId="32791" --> Word Count (1)  
 UserId="75685" --> Word Count (323)  
 UserId="75685" --> Word Count (5)  
 UserId="75685" --> Word Count (1)  
 UserId="75685" Comment="added 70 characters in body" --> Word Count (336)  
 UserId="64377" --> Word Count (153)  
 UserId="76058" --> Word Count (79)  
 UserId="71218" --> Word Count (254)  
 UserId="71218" --> Word Count (8)  
 UserId="71218" --> Word Count (1)  
 UserId="64377" --> Word Count (40)  
 UserId="76841" --> Word Count (279)  
 UserId="76841" --> Word Count (6)  
 UserId="76841" --> Word Count (1)  
 UserId="74649" --> Word Count (99)  
 UserId="74649" --> Word Count (5)  
 UserId="74649" --> Word Count (1)  
 UserId="58923" --> Word Count (134)  
 UserId="71442" --> Word Count (743)  
 UserId="76842" --> Word Count (383)  
 UserId="76842" --> Word Count (8)



UserId="76842" --> Word Count (1)  
 UserId="73441" --> Word Count (81)  
 UserId="836" --> Word Count (191)  
 UserId="836" Comment="added 84 characters in body" --> Word Count (212)  
 UserId="71442" --> Word Count (82)  
 UserId="76845" --> Word Count (61)  
 UserId="65153" --> Word Count (48)  
 UserId="65153" Comment="formatting possible code" --> Word Count (93)  
 UserId="55122" --> Word Count (302)  
 UserId="76445" Comment="deleted 144 characters in body" --> Word Count (264)  
 UserId="76445" --> Word Count (1)  
 UserId="71442" Comment="text formating, code highlighting" --> Word Count (353)  
 UserId="76177" --> Word Count (77)  
 UserId="76177" --> Word Count (5)  
 UserId="76177" --> Word Count (1)  
 UserId="55122" --> Word Count (92)  
 UserId="76848" --> Word Count (61)  
 UserId="76848" --> Word Count (7)  
 UserId="76848" --> Word Count (1)  
 UserId="74421" Comment="added backticks" --> Word Count (80)  
 UserId="74421" Comment="added backticks" --> Word Count (76)  
 UserId="17971" --> Word Count (126)  
 UserId="17971" --> Word Count (8)  
 UserId="17971" --> Word Count (1)  
 UserId="34269" --> Word Count (127)  
 UserId="76766" --> Word Count (178)  
 UserId="76766" --> Word Count (11)  
 UserId="76766" --> Word Count (1)  
 UserId="74421" --> Word Count (25)  
 UserId="74421" --> Word Count (10)  
 UserId="74421" --> Word Count (1)  
 UserId="64377" --> Word Count (187)  
 UserId="74421" Comment="edited body" --> Word Count (25)  
 UserId="29575" --> Word Count (2)  
 UserId="69646" --> Word Count (56)  
 UserId="47371" --> Word Count (669)  
 UserId="71442" Comment="formatting and text highlighting" --> Word Count (280)  
 UserId="29575" Comment="formatting and text highlighting" --> Word Count (192)  
 UserId="59004" --> Word Count (82)  
 UserId="59004" --> Word Count (8)  
 UserId="59004" --> Word Count (1)  
 UserId="76129" --> Word Count (171)  
 UserId="59004" Comment="added 34 characters in body" --> Word Count (87)  
 UserId="836" --> Word Count (239)  
 UserId="836" Comment="added 1019 characters in body" --> Word Count (389)  
 UserId="76768" --> Word Count (134)  
 UserId="76768" --> Word Count (12)  
 UserId="76768" --> Word Count (1)

UserId="43077" --> Word Count (151)  
 UserId="76199" --> Word Count (209)  
 UserId="76199" --> Word Count (11)  
 UserId="76199" --> Word Count (1)  
 UserId="76862" --> Word Count (89)  
 UserId="76862" --> Word Count (8)  
 UserId="76862" --> Word Count (1)  
 UserId="76863" --> Word Count (301)  
 UserId="76863" --> Word Count (10)  
 UserId="76863" --> Word Count (1)  
 UserId="76862" Comment="added 2 characters in body; edited title" --> Word Count (89)  
 UserId="76862" Comment="added 2 characters in body; edited title" --> Word Count (8)  
 UserId="76865" --> Word Count (133)  
 UserId="76865" --> Word Count (13)  
 UserId="76865" --> Word Count (1)  
 UserId="76860" --> Word Count (592)  
 UserId="76860" --> Word Count (9)  
 UserId="76860" --> Word Count (1)  
 UserId="76868" --> Word Count (32)  
 UserId="76868" --> Word Count (13)  
 UserId="76868" --> Word Count (1)  
 UserId="38911" Comment="Added hyperlink to research paper" --> Word Count (159)  
 UserId="49622" --> Word Count (75)  
 UserId="49622" Comment="deleted 4 characters in body" --> Word Count (74)  
 UserId="64377" --> Word Count (32)  
 UserId="76874" --> Word Count (267)  
 UserId="76874" --> Word Count (12)  
 UserId="76874" --> Word Count (1)  
 UserId="74846" --> Word Count (453)  
 UserId="74846" --> Word Count (9)  
 UserId="74846" --> Word Count (1)  
 UserId="76875" --> Word Count (173)  
 UserId="76875" --> Word Count (5)  
 UserId="76875" --> Word Count (1)  
 UserId="73912" --> Word Count (213)  
 UserId="73912" --> Word Count (12)  
 UserId="73912" --> Word Count (1)  
 UserId="76877" --> Word Count (44)  
 UserId="76877" --> Word Count (5)  
 UserId="76877" --> Word Count (1)  
 UserId="76540" --> Word Count (53)  
 UserId="76880" --> Word Count (76)  
 UserId="76880" --> Word Count (5)  
 UserId="76880" --> Word Count (1)  
 UserId="45264" --> Word Count (82)  
 UserId="4697" --> Word Count (132)

UserId="4697" --> Word Count (6)  
UserId="4697" --> Word Count (1)  
UserId="42354" --> Word Count (65)  
UserId="73912" Comment="edited title" --> Word Count (12)  
UserId="76883" --> Word Count (98)  
UserId="74894" --> Word Count (207)  
UserId="74894" --> Word Count (4)  
UserId="74894" --> Word Count (1)  
UserId="64377" --> Word Count (128)  
UserId="76426" Comment="via Vote" --> Word Count (1)  
UserId="74421" --> Word Count (160)  
UserId="65153" --> Word Count (56)  
UserId="75738" Comment="it should be not" --> Word Count (88)  
UserId="75738" Comment="it should be not" --> Word Count (8)  
UserId="29575" Comment="it should be not" --> Word Count (85)  
UserId="34" Comment="expand on the reasoning for the question and provide references, and more clear request " --> Word Count (195)  
UserId="34" Comment="expand on the reasoning for the question and provide references, and more clear request " --> Word Count (8)  
UserId="74421" Comment="added backticks" --> Word Count (61)  
UserId="74421" Comment="added backticks" --> Word Count (1)  
UserId="29575" Comment="removed backticks" --> Word Count (60)  
UserId="29575" Comment="Remove extra commentary" --> Word Count (351)  
UserId="29575" Comment="Remove extra commentary" --> Word Count (18)  
UserId="29575" Comment="Remove extra commentary" --> Word Count (43)  
UserId="65153" Comment="added 29 characters in body" --> Word Count (57)  
UserId="76635" --> Word Count (326)  
UserId="76635" --> Word Count (9)  
UserId="76635" --> Word Count (1)  
UserId="46305" --> Word Count (268)  
UserId="46305" --> Word Count (21)  
UserId="46305" --> Word Count (1)  
UserId="46305" Comment="added 1 character in body" --> Word Count (268)  
UserId="74421" Comment="added backticks" --> Word Count (77)  
UserId="73441" --> Word Count (113)  
UserId="73441" --> Word Count (4)  
UserId="73441" --> Word Count (1)  
UserId="74421" Comment="added backticks" --> Word Count (173)  
UserId="51670" --> Word Count (62)  
UserId="51670" --> Word Count (8)  
UserId="51670" --> Word Count (1)  
UserId="74421" Comment="added backticks" --> Word Count (62)  
UserId="74051" --> Word Count (62)  
UserId="69963" --> Word Count (236)  
UserId="69963" --> Word Count (7)  
UserId="69963" --> Word Count (1)  
UserId="76738" --> Word Count (110)  
UserId="76738" --> Word Count (10)

UserId="76738" --> Word Count (1)  
UserId="76715" --> Word Count (147)  
UserId="76883" Comment="fixed typo" --> Word Count (98)  
UserId="74098" --> Word Count (68)  
UserId="74098" --> Word Count (5)  
UserId="74098" --> Word Count (1)  
UserId="76715" --> Word Count (110)  
UserId="76834" --> Word Count (20)  
UserId="43077" Comment="added 9 characters in body" --> Word Count (154)  
UserId="18465" --> Word Count (46)  
UserId="69963" --> Word Count (44)  
UserId="65559" --> Word Count (190)  
UserId="65559" --> Word Count (8)  
UserId="65559" --> Word Count (1)  
UserId="76893" --> Word Count (168)  
UserId="76893" --> Word Count (7)  
UserId="76893" --> Word Count (1)  
UserId="64138" --> Word Count (297)  
UserId="64138" --> Word Count (3)  
UserId="64138" --> Word Count (1)  
UserId="64138" Comment="added 5211 characters in body" --> Word Count (1642)  
UserId="57350" --> Word Count (28)  
UserId="18465" --> Word Count (43)  
UserId="38083" --> Word Count (98)  
UserId="38083" Comment="added example data" --> Word Count (1626)  
UserId="38083" Comment="typos" --> Word Count (100)  
UserId="26019" Comment="edited body" --> Word Count (267)  
UserId="76899" --> Word Count (72)  
UserId="76899" --> Word Count (5)  
UserId="76899" --> Word Count (1)  
UserId="75828" --> Word Count (338)  
UserId="76768" --> Word Count (541)  
UserId="76768" --> Word Count (6)  
UserId="76768" --> Word Count (1)  
UserId="9219" --> Word Count (81)  
UserId="76904" --> Word Count (57)  
UserId="76904" --> Word Count (17)  
UserId="76904" --> Word Count (1)  
UserId="51223" --> Word Count (77)  
UserId="51223" --> Word Count (10)  
UserId="51223" --> Word Count (1)  
UserId="73441" --> Word Count (102)  
UserId="38083" --> Word Count (147)  
UserId="76880" --> Word Count (60)  
UserId="76880" --> Word Count (3)  
UserId="76880" --> Word Count (1)  
UserId="76426" --> Word Count (1)  
UserId="76907" --> Word Count (209)

```

UserId="76907" --> Word Count (4)
UserId="76907" --> Word Count (1)
UserId="13748" --> Word Count (133)
UserId="43077" Comment="changed name for an easier Google search" --> Word
Count (9)
UserId="23305" Comment="deleted 32 characters in body" --> Word Count (193)
UserId="23305" Comment="added 4 characters in body" --> Word Count (193)
UserId="74214" --> Word Count (1012)
UserId="74214" --> Word Count (15)
UserId="74214" --> Word Count (1)
UserId="74894" Comment="added 1796 characters in body" --> Word Count (538)
UserId="74894" Comment="added 1796 characters in body" --> Word Count (5)
UserId="23305" --> Word Count (484)
UserId="23305" Comment="more explicit title" --> Word Count (9)
UserId="74214" Comment="added 283 characters in body" --> Word Count (1124)
UserId="23305" Comment="added 1 character in body" --> Word Count (484)
UserId="76912" --> Word Count (70)
UserId="76912" --> Word Count (6)
UserId="76912" --> Word Count (1)
UserId="74214" Comment="added 1332 characters in body; edited tags" Text="I have
already seen [this][1], [this][2] and [this][3] question, but none of the
suggestions seemed to fix my problem (so I have reverted
them).

I have the following
code:

```
STOPLIST = set(stopwords.words('english')
+ list(ENGLISH_STOP_WORDS))
SYMBOLS = "
";.join(string.punctuation).split("; ")+ [";-";,
";...";, ";"";,
";"";]

spacy.load('en_core_web_sm')
parser =
English()

class
CleanTextTransformer(TransformerMixin):
 def transform(self, X,
**transform_params):
 return [cleanText(text) for text in
X]

 def fit(self, X, y=None, **fit_params):

return self

 def get_params(self, deep=True):

return {}


def cleanText(text):
 text =
text.strip().replace(";\n";, "; ").replace(";\r";,
"; ")
 text = text.lower()
 return
text


def tokenizeText(sample):
 tokens
= parser(sample)
 lemmas = []
 for tok in
tokens:
 lemmas.append(tok.lemma_.lower().strip() if tok.lemma_
!= ";-PRON-"; else tok.lower())
 tokens = lemmas

tokens = [tok for tok in tokens if tok not in STOPLIST]
 tokens =
[tok for tok in tokens if tok not in SYMBOLS]
 return
tokens


class multilabelbin(TransformerMixin):

def __init__(self, *args, **kwargs):
 self.encoder =
MultiLabelBinarizer(*args, **kwargs)

 def fit(self, x,
y=0):
 self.encoder.fit(x)
 return
self

 def transform(self, x, y=0):
 return
self.encoder.transform(x)


def represent(rd, ed,

```

```

number, category, text):
 doc_train = rd
 doc_test =
ed

 for column in category:

doc_train[column] = [tuple(doc.split(";,")) for doc in
rd[column]]
 doc_test[column] = [tuple(doc.split(";,"))
for doc in ed[column]]

 print("columns
split")

 mlb =
multilabelbin(sparse_output=False)

mlb.fit(doc_train)

 transformed_r =
mlb.transform(doc_train)
 for row in
range(len(doc_train[column])):

print(doc_train[column][row])
 doc_train[column][row] =
transformed_r[row].tolist()

 transformed_e =
mlb.transform(doc_test)
 for row in
range(len(doc_test[column])):

print(doc_test[column][row])
 doc_test[column][row] =
transformed_e[row].tolist()

 print("categorical
columns encoded using MultiLabelBinarizer()")

 for
column in number:
 ss = StandardScaler()

ss.fit(doc_train[column].values.reshape(-1, 1))


doc_train[column] = ss.transform(doc_train[column].values.reshape(-1,
1))
 doc_test[column] =
ss.transform(doc_test[column].values.reshape(-1, 1))

print("numbers scaled using StandardScaler()")


for column in text:
 cleaner = CleanTextTransformer()

cleaner.fit(doc_train[column].tolist())


doc_train[column] = cleaner.transform(doc_train[column])

doc_test[column] = cleaner.transform(doc_test[column])


vec = CountVectorizer(tokenizer=tokenize --> Word Count (694)
UserId="74214" Comment="added 1332 characters in body; edited tags" --> Word
Count (1)
UserId="74894" Comment="added 592 characters in body" --> Word Count (587)
UserId="43077" Comment="added 81 characters in body" --> Word Count (173)
UserId="74214" Comment="deleted 69 characters in body" Text="I have already seen
[this][1], [this][2] and [this][3] question, but none of the suggestions seemed
to fix my problem (so I have reverted them).

I have the
following code:

```
nlp =
spacy.load('en_core_web_sm')
parser =
English()

class
CleanTextTransformer(TransformerMixin):
 def transform(self, X,
**transform_params):
 return [cleanText(text) for text in
X]

 def fit(self, X, y=None, **fit_params):

return self

 def get_params(self, deep=True):

return {}


def cleanText(text):
 text =
text.strip().replace("\n"," ").replace("\r","
" ")
 text = text.lower()
 return
text


def tokenizeText(sample):
 tokens
= parser(sample)
 lemmas = []
 for tok in
tokens:
 lemmas.append(tok.lemma_.lower().strip() if tok.lemma_

```

```

!= "-PRON-" else tok.lower_)
 tokens = lemmas

tokens = [tok for tok in tokens if tok not in STOPLIST]
 tokens =
[nlp(tok)[0].lemma_ for tok in tokens if tok not in SYMBOLS]
 return
tokens

class multilabelbin(TransformerMixin):

def __init__(self, *args, **kwargs):
 self.encoder =
MultiLabelBinarizer(*args, **kwargs)

 def fit(self, x,
y=0):
 self.encoder.fit(x)
 return
self

 def transform(self, x, y=0):
 return
self.encoder.transform(x)


def represent(rd, ed,
number, category, text):
 doc_train = rd
 doc_test =
ed

 for column in category:

doc_train[column] = [tuple(doc.split(", ")) for doc in
rd[column]]
 doc_test[column] = [tuple(doc.split(", "))
for doc in ed[column]]

 print("columns
split")

 mlb =
multilabelbin(sparse_output=False)

mlb.fit(doc_train)

 transformed_r =
mlb.transform(doc_train)
 for row in
range(len(doc_train[column])):

print(doc_train[column][row])
 doc_train[column][row] =
transformed_r[row]

 transformed_e =
mlb.transform(doc_test)
 for row in
range(len(doc_test[column])):

print(doc_test[column][row])
 doc_test[column][row] =
transformed_e[row]

 print("categorical columns
encoded using MultiLabelBinarizer()")

 for column in
number:
 ss = StandardScaler()

ss.fit(doc_train[column].values.reshape(-1, 1))


doc_train[column] = ss.transform(doc_train[column].values.reshape(-1,
1))
 doc_test[column] =
ss.transform(doc_test[column].values.reshape(-1, 1))

print("numbers scaled using StandardScaler()")


for column in text:
 cleaner = CleanTextTransformer()

cleaner.fit(doc_train[column].tolist())


doc_train[column] = cleaner.transform(doc_train[column])

doc_test[column] = cleaner.transform(doc_test[column])


print(doc_train[column])

 vec =
TfidfVectorizer(tokenizer=tokenize --> Word Count (709)
UserId="74894" Comment="deleted 1690 characters in body" --> Word Count (262)
UserId="29575" Comment="Remove extra commentary" --> Word Count (63)
UserId="76915" --> Word Count (97)
UserId="76915" --> Word Count (9)
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UserId="76904" Comment="added 195 characters in body" --> Word Count (92)
UserId="64377" --> Word Count (136)
UserId="68294" --> Word Count (91)
UserId="68294" --> Word Count (4)
UserId="68294" --> Word Count (1)

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UserId="75335" --> Word Count (121)  
 UserId="26562" Comment="Fix typo in title" --> Word Count (4)  
 UserId="76920" --> Word Count (236)  
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 UserId="76920" --> Word Count (1)  
 UserId="76923" --> Word Count (55)  
 UserId="76923" --> Word Count (5)  
 UserId="76923" --> Word Count (1)  
 UserId="52379" --> Word Count (84)  
 UserId="52379" --> Word Count (11)  
 UserId="52379" --> Word Count (1)  
 UserId="73441" --> Word Count (75)  
 UserId="76265" --> Word Count (47)  
 UserId="76265" --> Word Count (6)  
 UserId="76265" --> Word Count (1)  
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 UserId="29169" Comment="added 59 characters in body" --> Word Count (68)  
 UserId="54264" --> Word Count (56)  
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 UserId="54264" --> Word Count (1)  
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 UserId="8820" --> Word Count (14)  
 UserId="8820" --> Word Count (1)  
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 UserId="76930" --> Word Count (14)  
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 UserId="38793" --> Word Count (647)  
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 UserId="74421" --> Word Count (136)  
 UserId="71442" --> Word Count (110)  
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 UserId="76811" --> Word Count (18)



UserId="76811" --> Word Count (1)  
 UserId="65131" --> Word Count (18)  
 UserId="1029" Text="There are various ways to handle out of vocabulary words. One of the ways is definitely the above solution by Vipin. However, this is not the only way. There are implementations of using subword information to create vectors for out of vocabulary. &#xD;&#xA;&#xD;&#xA;When you think about a business problem, its impossible to create a vocabulary with all the probable words to train the word2vec model irrespective of SkipGram or CBOW. One of the implementations I have come to appreciate is the implementation by Facebook in FastText. The implementation is based on this paper :  
<https://arxiv.org/abs/1607.04606>.&#xD;&#xA;&#xD;&#xA;Here is the link to Fast  
 --> Word Count (52)  
 UserId="37572" --> Word Count (56)  
 UserId="76934" --> Word Count (98)  
 UserId="76934" --> Word Count (19)  
 UserId="76934" --> Word Count (1)  
 UserId="76265" --> Word Count (52)  
 UserId="76265" --> Word Count (21)  
 UserId="76265" --> Word Count (1)  
 UserId="76932" Comment="while running the old code, it gave an error, - not allowed for tuple. So i used np.subtract for the same operation. It is running fine now." --> Word Count (421)  
 UserId="26562" Comment="while running the old code, it gave an error, - not allowed for tuple. So i used np.subtract for the same operation. It is running fine now." --> Word Count (422)  
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 UserId="76937" --> Word Count (1)  
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 <DELETE> --> Word Count (1)  
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UserId="64377" --> Word Count (293)  
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 UserId="76946" --> Word Count (99)  
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 UserId="76946" --> Word Count (1)  
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 UserId="76056" --> Word Count (109)  
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 UserId="58306" --> Word Count (1)  
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 UserId="76377" --> Word Count (414)  
 UserId="76377" --> Word Count (5)  
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 UserId="65153" Comment="formatting possible code" --> Word Count (150)  
 UserId="29169" Comment="formatting possible code" --> Word Count (156)  
 UserId="29169" Comment="deleted 33 characters in body; edited tags" --> Word Count (49)  
 UserId="29169" Comment="deleted 33 characters in body; edited tags" --> Word Count (1)  
 UserId="29169" Comment="added 5 characters in body" --> Word Count (104)  
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UserId="76899" --> Word Count (128)
UserId="76899" --> Word Count (6)
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UserId="23305" --> Word Count (139)
UserId="23305" Comment="edited tags" --> Word Count (1)
UserId="74421" Comment="added 5 characters in body" --> Word Count (220)
UserId="77000" --> Word Count (32)
UserId="77000" Comment="edited body" --> Word Count (31)
UserId="29575" Comment="Minor formatting" --> Word Count (28)
UserId="77001" --> Word Count (22)
UserId="77001" --> Word Count (21)
UserId="77001" --> Word Count (1)
UserId="77002" --> Word Count (23)
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UserId="77002" --> Word Count (1)
UserId="77003" Text="I am designing Orange Widgets for facial recognition. I
want to draw a rectangle around faces captured in video, by setting mouse events
with cv2.setMouseCallback. I can capture the video in image window
(cv2.namedWindow('image')) with cv2.VideoCapture(0) but i am unable to
call the MouseCallBack function in the image window. I am new to Orange widget
development and unsure if cv2.setMouseCallback function can work inside an
OrangeWidget class. Any suggestion/ help would be appreciated. Here is the
code:

`python

class
MouseCallBackWidget(OWWidget):

 name =
'MouseCallBack'

 # Short widget description

description = 'Draw rectangle'

 icon =
'icons/DataSamplerA.svg'

 want_main_area =
False

with a fixed non resizable geometry.

resizing_enabled = False

 def MouseCallBack(self,event,
x, y, flags, param):

 #global boxRefPt, boxCX, boxCY, boxW,
boxH, click, mode_learn, completed_rect, ix, iy

 #
check if the left mouse button is clicked.

 if event ==
cv2.EVENT_LBUTTONDOWN:

 if self.completed_rect
== False:

 self.boxRefPt = [(x, y)]
record the starting (x, y) coordinate of a new rectangle.

self.ix, self.iy = x, y

 self.click = True

 # check
if the left mouse button is released.

 elif event ==
cv2.EVENT_LBUTTONUP:

 self.boxRefPt.append((x,
y))

 # record the ending (x, y) coordinate a new
rectangle.

 self.click = False

 self.completed_rect = True

 (x1, y1) =
self.mode_learn = True

 (x2, y2) =
self.boxRefPt[0]

 (x2, y2) =
self.boxRefPt[1]

 self.boxCX = min(x1, x2)

 self.boxCY = min(y1, y2)

 self.boxW =
abs(x1 - x2)

 self.boxH = abs(y1 - y2)

def __init__(self):


```

```

super().__init__()

 from AnyQt.QtGui import
QIntValidator

 self.boxRefPt = []

self.click = False
 self.mode_learn = False

self.completed_rect = False

 self.ix = 0

self.iy = 0
 self.boxCX = 0
 self.boxCY =
0
 self.boxW = 0
 self.boxH =
0

 self.cap = cv2.VideoCapture(0)

cv2.namedWindow(""image")


cv2.setMouseCallback(""image"", self.MouseCallBack)


 while (True):


self.ret, self.frame = self.cap.read()

 if
self.completed_rect == True:


cv2.rectangle(self.frame, self.boxRefPt[0], self.boxRefPt[1], (0, 255, 0),
2)
 cv2.put --> Word Count (40)
UserId="77003" --> Word Count (5)
UserId="77003" --> Word Count (1)
UserId="61156" --> Word Count (277)
UserId="61156" --> Word Count (9)
UserId="61156" --> Word Count (1)
UserId="77006" --> Word Count (190)
UserId="77006" --> Word Count (13)
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UserId="76156" Comment="added 336 characters in body" --> Word Count (136)
UserId="56963" --> Word Count (69)
UserId="56963" --> Word Count (15)
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UserId="73912" --> Word Count (815)
UserId="73912" --> Word Count (4)
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UserId="76364" Text="Hi i'm trying to extract data like name, address, phone#,
.. from images like insurance cards or licence cards using GoogleVision Api or
--> Word Count (31)
UserId="76364" --> Word Count (8)
UserId="76364" --> Word Count (1)
UserId="69263" Comment="grammar correction " --> Word Count (85)
UserId="74727" --> Word Count (47)
UserId="73441" --> Word Count (241)
UserId="28175" --> Word Count (162)
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Count (89)
UserId="28175" Comment="deleted 100 characters in body; edited tags" --> Word
Count (1)
UserId="28175" Comment="deleted 26 characters in body" --> Word Count (161)
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 UserId="71246" --> Word Count (115)  
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 UserId="77015" Comment="added 261 characters in body" --> Word Count (182)  
 UserId="7812" --> Word Count (39)  
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 UserId="29575" Comment="grammatical mistakes" --> Word Count (271)  
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 UserId="14588" --> Word Count (59)  
 UserId="14675" Comment="added 72 characters in body" --> Word Count (91)  
 UserId="60417" --> Word Count (109)  
 UserId="77018" --> Word Count (43)  
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UserId="1330" --> Word Count (99)  
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 UserId="23305" Comment="clarify usage and that data requests are off-topic;  
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 (31)  
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 UserId="31015" --> Word Count (1)  
 UserId="23305" --> Word Count (142)  
 UserId="30075" --> Word Count (73)  
 UserId="28175" Comment=" " --> Word Count (11)  
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 UserId="77054" --> Word Count (1)  
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 UserId="40853" Comment="the previous title is misleading" --> Word Count (44)  
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 UserId="29575" Comment="Remove extra commentary" --> Word Count (107)  
 UserId="69470" --> Word Count (262)  
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 UserId="69470" Comment="via Vote" --> Word Count (1)



UserId="20618" --> Word Count (74)  
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 UserId="73912" --> Word Count (1)  
 UserId="76364" Comment="i have added a image which should make some sense "  
 Text="!![enter image description here][1]][1]Hi i'm trying to extract data like  
 name, planType, phone#, .. from images like insurance cards or licence cards  
 with GoogleVision / --> Word Count (33)  
 UserId="74068" --> Word Count (85)  
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UserId="38516" Comment="corrected spelling" --> Word Count (31)
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UserId="29169" Comment="added 44 characters in body" Text="I am designing an
Orange Widget for facial recognition.

I would like to draw a
rectangle around faces captured in video by setting mouse events with
`cv2.setMouseCallback`. I can capture the video in the image window
(`cv2.namedWindow("image");`) with `cv2.VideoCapture(0)` but I am
unable to call the MouseCallBack function in the image
window.

I am new to Orange widget development and unsure if
the`cv2.setMouseCallback` function can work inside of an OrangeWidget class. Any
suggestions or help would be greatly appreciated.

Here is my
code:

``python
class
MouseCallBackWidget(OWWidget):

 name =
"MouseCallBack"
 # Short widget description

description = "Draw rectangle"
 icon =
"icons/DataSamplerA.svg"

 want_main_area =
False
with a fixed non resizable geometry.

resizing_enabled = False 

 def MouseCallBack(self,event,
x, y, flags, param):
 #global boxRefPt, boxCX, boxCY, boxW,
boxH, click, mode_learn, completed_rect, ix, iy 

 #
check if the left mouse button is clicked.
 if event ==
cv2.EVENT_LBUTTONDOWN: 
 if self.completed_rect
== False: 
 self.boxRefPt = [(x, y)]
record the starting (x, y) coordinate of a new rectangle.

self.ix, self.iy = x, y 

self.click = True 

 # check
if the left mouse button is released. 
 elif event ==
cv2.EVENT_LBUTTONUP: 
 self.boxRefPt.append((x,
y)) # record the ending (x, y) coordinate a new
rectangle.
 self.click = False

 self.completed_rect = True 

self.mode_learn = True

 (x1, y1) =
self.boxRefPt[0]
 (x2, y2) =
self.boxRefPt[1]

 self.boxCX = min(x1, x2)

 self.boxCY = min(y1, y2)
 self.boxW =
abs(x1 - x2)
 self.boxH = abs(y1 - y2)


def __init__(self):


super().__init__()

 from AnyQt.QtGui import
QIntValidator

 self.boxRefPt = []


```

```

self.click = False
 self.mode_learn = False

self.completed_rect = False

 self.ix = 0

self.iy = 0
 self.boxCX = 0
 self.boxCY =
0
 self.boxW = 0
 self.boxH =
0

 self.cap = cv2.VideoCapture(0)

cv2.namedWindow("image")


cv2.setMouseCallback("image", self.MouseCallBack)


 while (True):


self.ret, self.frame = self.cap.read()

 if
self.completed_rect == True:


cv2.rectangle(self.frame, self.boxRefPt[0], self.boxRefPt[1], (0, 255, 0),
2)
 cv2.put --> Word Count (40)
UserId="77253" --> Word Count (128)
UserId="77253" --> Word Count (13)
UserId="77253" --> Word Count (1)
UserId="74421" --> Word Count (145)
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UserId="77254" --> Word Count (1)
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UserId="74421" --> Word Count (143)
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 UserId="77102" --> Word Count (92)

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 UserId="77102" --> Word Count (1)  
 UserId="57700" Text="\_Please pardon me as the title might not be very  
 accurate\_&#xD;&#xA;&#xD;&#xA;I am trying to create a model that learns the word  
 representation and then is able to predict word representation in another piece  
 of text. An example will make it more clear. Please see below for the  
 example:&#xD;&#xA;&#xD;&#xA;\*\*Model Training Text:\*\*&#xD;&#xA;&#xD;&#xA; I  
 lived in \*Munich last summer. \*Germany has a relaxing, slow summer lifestyle.  
 One night, I got food poisoning and couldn't find !Tylenol to make the pain go  
 away, they insisted I take !aspirin instead.&#xD;&#xA;&#xD;&#xA;\*\*Model Predicts  
 :\*&#xD;&#xA;&#xD;&#xA;`['Munich','Germany','Tylenol','aspirin']`&#xD;&#xA;&#xD;  
 &#xA;\*\*Evaluation --> Word Count (149)  
 UserId="57700" --> Word Count (5)  
 UserId="57700" --> Word Count (1)  
 UserId="57700" Comment="edited title" --> Word Count (5)  
 UserId="62700" --> Word Count (25)  
 UserId="62700" --> Word Count (5)  
 UserId="62700" --> Word Count (1)  
 UserId="60105" --> Word Count (78)  
 UserId="60105" --> Word Count (7)  
 UserId="60105" --> Word Count (1)  
 UserId="73441" --> Word Count (139)  
 UserId="64381" --> Word Count (329)  
 UserId="64381" --> Word Count (9)  
 UserId="64381" --> Word Count (1)  
 UserId="77484" --> Word Count (754)  
 UserId="77484" --> Word Count (2)  
 UserId="77484" --> Word Count (1)  
 UserId="52089" Comment="fixed formatting" --> Word Count (376)  
 UserId="76626" --> Word Count (119)  
 UserId="76626" --> Word Count (5)  
 UserId="76626" --> Word Count (1)  
 UserId="73441" Comment="added 16 characters in body" --> Word Count (117)  
 UserId="77450" --> Word Count (42)  
 UserId="46200" --> Word Count (62)  
 UserId="46200" --> Word Count (16)  
 UserId="46200" --> Word Count (1)  
 UserId="73919" --> Word Count (87)  
 UserId="73919" --> Word Count (11)  
 UserId="73919" --> Word Count (1)  
 UserId="77450" --> Word Count (52)  
 UserId="77450" --> Word Count (60)  
 UserId="43983" --> Word Count (35)  
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 UserId="43983" --> Word Count (1)  
 UserId="71613" --> Word Count (527)  
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 UserId="71613" --> Word Count (1)

UserId="77162" --> Word Count (163)  
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 UserId="77162" --> Word Count (1)  
 UserId="77450" Comment="improve formatting" --> Word Count (496)  
 UserId="45726" --> Word Count (200)  
 UserId="45726" --> Word Count (7)  
 UserId="45726" --> Word Count (1)  
 UserId="45726" Comment="added 15 characters in body" --> Word Count (203)  
 UserId="32243" --> Word Count (189)  
 UserId="32243" --> Word Count (4)  
 UserId="32243" --> Word Count (1)  
 UserId="77170" --> Word Count (114)  
 UserId="45726" Comment="edited title" --> Word Count (6)  
 UserId="77170" --> Word Count (175)  
 UserId="16418" --> Word Count (155)  
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 UserId="49590" --> Word Count (50)  
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 UserId="77499" --> Word Count (1)  
 UserId="8878" --> Word Count (109)  
 UserId="32243" --> Word Count (167)  
 UserId="32243" --> Word Count (10)  
 UserId="32243" --> Word Count (1)  
 UserId="64856" --> Word Count (88)  
 UserId="77503" --> Word Count (253)  
 UserId="77503" --> Word Count (10)  
 UserId="77503" --> Word Count (1)  
 UserId="77505" --> Word Count (99)  
 UserId="77505" --> Word Count (7)  
 UserId="77505" --> Word Count (1)  
 UserId="32926" --> Word Count (78)  
 UserId="76794" --> Word Count (24)  
 UserId="55122" --> Word Count (74)  
 UserId="66626" --> Word Count (98)  
 UserId="66626" --> Word Count (9)  
 UserId="66626" --> Word Count (1)  
 UserId="77509" --> Word Count (45)  
 UserId="77509" --> Word Count (14)  
 UserId="77509" --> Word Count (1)  
 UserId="77162" --> Word Count (439)  
 UserId="77162" --> Word Count (9)  
 UserId="77162" --> Word Count (1)  
 UserId="49590" Comment="converted code and errors into coding format." --> Word Count (1086)  
 UserId="77162" Comment="Added version numbers of seaborn, numpy and python" --> Word Count (445)



UserId="56354" --> Word Count (13)  
 UserId="73441" --> Word Count (106)  
 UserId="63328" --> Word Count (121)  
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 UserId="63328" --> Word Count (1)  
 UserId="45726" --> Word Count (123)  
 UserId="73919" Comment="edited title" --> Word Count (11)  
 UserId="45726" Comment="added 386 characters in body" --> Word Count (183)  
 UserId="77159" --> Word Count (328)  
 UserId="77159" --> Word Count (8)  
 UserId="77159" --> Word Count (1)  
 UserId="77434" --> Word Count (507)  
 UserId="77434" --> Word Count (8)  
 UserId="77434" --> Word Count (1)  
 UserId="45577" --> Word Count (52)  
 UserId="73919" Comment="edited body" --> Word Count (87)  
 UserId="65131" --> Word Count (79)  
 UserId="77508" --> Word Count (136)  
 UserId="77508" --> Word Count (7)  
 UserId="77508" --> Word Count (1)  
 UserId="76794" --> Word Count (22)  
 UserId="73441" Comment="added 89 characters in body; added 29 characters in body; deleted 13 characters in body" --> Word Count (123)  
 UserId="64895" --> Word Count (58)  
 UserId="64895" --> Word Count (9)  
 UserId="64895" --> Word Count (1)  
 UserId="77496" --> Word Count (486)  
 UserId="77496" --> Word Count (8)  
 UserId="77496" --> Word Count (1)  
 UserId="76412" --> Word Count (302)  
 UserId="76412" --> Word Count (18)  
 UserId="76412" --> Word Count (1)  
 UserId="76109" --> Word Count (74)  
 UserId="76109" --> Word Count (13)  
 UserId="76109" --> Word Count (1)  
 UserId="59004" --> Word Count (58)  
 UserId="59004" --> Word Count (6)  
 UserId="59004" --> Word Count (1)  
 UserId="23305" Comment="101" --> Word Count (2)  
 UserId="42792" --> Word Count (243)  
 UserId="59004" Comment="edited title" --> Word Count (9)  
 UserId="59004" Comment="added 2130 characters in body" --> Word Count (466)  
 UserId="59004" Comment="added 29 characters in body" --> Word Count (471)  
 UserId="77116" --> Word Count (81)  
 UserId="70105" --> Word Count (191)  
 UserId="59004" Comment="added 248 characters in body" --> Word Count (513)  
 UserId="64856" --> Word Count (246)  
 UserId="64856" --> Word Count (14)

UserId="64856" --> Word Count (1)  
 UserId="77531" --> Word Count (19)  
 UserId="65765" --> Word Count (74)  
 UserId="65765" --> Word Count (9)  
 UserId="65765" --> Word Count (1)  
 UserId="64856" Comment="edited tags" --> Word Count (1)  
 UserId="77210" --> Word Count (182)  
 UserId="77210" --> Word Count (10)  
 UserId="77210" --> Word Count (1)  
 UserId="23305" Comment="edited body" --> Word Count (19)  
 UserId="68230" --> Word Count (734)  
 UserId="47371" --> Word Count (100)  
 UserId="23305" Comment="104" --> Word Count (1)  
 UserId="31086" --> Word Count (28)  
 UserId="77535" --> Word Count (185)  
 UserId="77535" --> Word Count (10)  
 UserId="77535" --> Word Count (1)  
 UserId="31086" Comment="deleted 48 characters in body" --> Word Count (21)  
 UserId="73919" Comment="edited body" --> Word Count (87)  
 UserId="77538" --> Word Count (129)  
 UserId="77538" --> Word Count (11)  
 UserId="77538" --> Word Count (1)  
 UserId="29523" --> Word Count (49)  
 UserId="29523" --> Word Count (14)  
 UserId="29523" --> Word Count (1)  
 UserId="67366" --> Word Count (107)  
 UserId="77538" Comment="added 2 characters in body" --> Word Count (129)  
 UserId="77537" --> Word Count (251)  
 UserId="24453" --> Word Count (23)  
 UserId="67366" Comment="re-stated question, title was misleading" --> Word Count (15)  
 UserId="73919" Comment="added 86 characters in body" --> Word Count (109)  
 UserId="54236" --> Word Count (36)  
 UserId="54236" --> Word Count (9)  
 UserId="54236" --> Word Count (1)  
 UserId="26562" Comment="grammar & formatting" --> Word Count (202)  
 UserId="26562" Comment="Formatting" --> Word Count (243)  
 UserId="73919" Comment="edited body" --> Word Count (109)  
 UserId="77545" --> Word Count (125)  
 UserId="77545" --> Word Count (11)  
 UserId="77545" --> Word Count (1)  
 UserId="32492" Comment="edited body" --> Word Count (69)  
 UserId="67366" Comment="corrected spelling and syntax, improved formatting" --> Word Count (59)  
 UserId="67366" Comment="corrected spelling and syntax, improved formatting" --> Word Count (14)  
 UserId="74421" --> Word Count (533)  
 UserId="73979" --> Word Count (33)

<DELETE> --> Word Count (276)  
 <DELETE> --> Word Count (17)  
 <DELETE> --> Word Count (1)  
 UserId="29575" Comment="Minor formatting" --> Word Count (31)  
 UserId="73919" Comment="deleted 1 character in body" --> Word Count (109)  
 UserId="63219" --> Word Count (112)  
 UserId="63219" --> Word Count (10)  
 UserId="63219" --> Word Count (1)  
 UserId="60379" --> Word Count (47)  
 UserId="60379" --> Word Count (7)  
 UserId="60379" --> Word Count (1)  
 UserId="77549" --> Word Count (169)  
 UserId="38892" Comment="deleted 92 characters in body" --> Word Count (174)  
 UserId="65131" Comment="more clear title" --> Word Count (11)  
 UserId="60105" --> Word Count (114)  
 UserId="60105" --> Word Count (8)  
 UserId="60105" --> Word Count (1)  
 UserId="38892" --> Word Count (93)  
 UserId="74421" Comment="added backticks" --> Word Count (115)  
 UserId="38892" Comment="added 9 characters in body" --> Word Count (129)  
 UserId="60105" Comment="edited title" --> Word Count (12)  
 UserId="23948" --> Word Count (79)  
 UserId="23948" --> Word Count (11)  
 UserId="23948" --> Word Count (1)  
 UserId="77356" --> Word Count (279)  
 UserId="77356" --> Word Count (10)  
 UserId="77356" --> Word Count (1)  
 UserId="56922" --> Word Count (57)  
 UserId="56922" --> Word Count (12)  
 UserId="56922" --> Word Count (1)  
 UserId="28175" --> Word Count (104)  
 UserId="28175" Comment="added 12 characters in body; edited tags" --> Word Count (57)  
 UserId="28175" Comment="added 12 characters in body; edited tags" --> Word Count (1)  
 UserId="28175" Comment=" " --> Word Count (185)  
 UserId="14675" --> Word Count (123)  
 UserId="77496" Comment="added 70 characters in body" --> Word Count (495)  
 UserId="76412" Comment="Clarified the class distribution and balancing" --> Word Count (356)  
 UserId="77557" --> Word Count (249)  
 UserId="77557" --> Word Count (13)  
 UserId="77557" --> Word Count (1)  
 UserId="77210" Text="In FastText Users FB page a certain Maksym Kysylov answered me &quot; It's not a FastText problem. It's a Spark problem :) When you apply function to Dataframe (or RDD) Spark needs to serialize it and send to all executors. It's not really possible to serialize Fast --> Word Count (64)  
 UserId="77356" Comment="deleted 556 characters in body; edited title" --> Word

Count (137)

UserId="77356" Comment="deleted 556 characters in body; edited title" --> Word Count (11)

UserId="76579" Comment="added 54 characters in body" --> Word Count (277)

UserId="77557" Comment="added 55 characters in body" --> Word Count (262)

UserId="77356" Comment="added 400 characters in body" --> Word Count (251)

UserId="75385" --> Word Count (38)

UserId="77566" --> Word Count (505)

UserId="77566" --> Word Count (11)

UserId="77566" --> Word Count (1)

UserId="45726" --> Word Count (122)

UserId="45726" Comment="deleted 91 characters in body" --> Word Count (105)

UserId="77508" Comment="decision threshold" --> Word Count (156)

UserId="-1" --> Word Count (1)

UserId="66788" --> Word Count (26)

UserId="32963" --> Word Count (48)

UserId="32963" --> Word Count (6)

UserId="32963" --> Word Count (1)

UserId="77509" Comment="Revised Question Statement for Veracity" --> Word Count (47)

UserId="77509" Comment="Revised Question Statement for Veracity" --> Word Count (14)

UserId="39011" --> Word Count (106)

UserId="77571" --> Word Count (54)

UserId="77571" --> Word Count (13)

UserId="77571" --> Word Count (1)

UserId="77572" --> Word Count (238)

UserId="77572" --> Word Count (12)

UserId="77572" --> Word Count (1)

UserId="77572" Comment="Added a data set so that the topic can be discussed with an example." --> Word Count (289)

UserId="45726" --> Word Count (75)

UserId="71231" --> Word Count (217)

UserId="71231" --> Word Count (8)

UserId="71231" --> Word Count (1)

UserId="76161" --> Word Count (48)

UserId="76161" --> Word Count (15)

UserId="76161" --> Word Count (1)

UserId="71231" Comment="deleted 1 character in body" --> Word Count (217)

UserId="69471" Comment="edited link" --> Word Count (354)

UserId="42060" --> Word Count (130)

UserId="42060" --> Word Count (14)

UserId="42060" --> Word Count (1)

UserId="74421" Comment="added backticks" --> Word Count (124)

UserId="29575" Comment="added backticks" --> Word Count (116)

UserId="65193" --> Word Count (252)

UserId="77356" Comment="added 97 characters in body" --> Word Count (257)

UserId="45177" --> Word Count (74)

UserId="45177" --> Word Count (13)  
 UserId="45177" --> Word Count (1)  
 UserId="77352" --> Word Count (199)  
 UserId="77352" --> Word Count (9)  
 UserId="77352" --> Word Count (1)  
 UserId="77159" Comment="edited title" --> Word Count (13)  
 UserId="75152" --> Word Count (138)  
 UserId="64981" --> Word Count (222)  
 UserId="45177" Comment="edited tags" --> Word Count (1)  
 UserId="55122" --> Word Count (228)  
 UserId="77356" --> Word Count (40)  
 UserId="75152" --> Word Count (277)  
 UserId="66788" Comment="added 11 characters in body" --> Word Count (27)  
 UserId="69644" --> Word Count (115)  
 UserId="69644" --> Word Count (19)  
 UserId="69644" --> Word Count (1)  
 UserId="67366" --> Word Count (178)  
 UserId="28175" --> Word Count (93)  
 UserId="28175" Comment=" " --> Word Count (118)  
 UserId="28175" Comment=" " --> Word Count (1)  
 UserId="-1" Comment="102" --> Word Count (3)  
 UserId="76955" --> Word Count (29)  
 UserId="76955" Comment="remove bias about plot type" --> Word Count (135)  
 UserId="76955" Comment="add second example resource" --> Word Count (34)  
 UserId="77311" --> Word Count (31)  
 UserId="64797" --> Word Count (30)  
 UserId="64797" --> Word Count (9)  
 UserId="64797" --> Word Count (1)  
 UserId="33501" --> Word Count (394)  
 UserId="33501" --> Word Count (4)  
 UserId="33501" --> Word Count (1)  
 UserId="77311" --> Word Count (32)  
 UserId="33501" Comment="added 32 characters in body; edited title" --> Word Count (400)  
 UserId="33501" Comment="added 32 characters in body; edited title" --> Word Count (4)  
 UserId="38892" Comment="added 48 characters in body; edited title" --> Word Count (136)  
 UserId="38892" Comment="added 48 characters in body; edited title" --> Word Count (8)  
 UserId="67366" Comment="corrected answer regarding midpoints" --> Word Count (236)  
 UserId="38911" --> Word Count (200)  
 UserId="38911" --> Word Count (8)  
 UserId="38911" --> Word Count (1)  
 UserId="77584" --> Word Count (60)  
 UserId="77584" --> Word Count (10)  
 UserId="77584" --> Word Count (1)

UserId="77585" --> Word Count (89)  
 UserId="77585" --> Word Count (11)  
 UserId="77585" --> Word Count (1)  
 UserId="77586" Text="I have a dataset with 19k observations. Each has approximately 448 features:&#xD;&#xA; - --> Word Count (114)  
 UserId="77586" --> Word Count (11)  
 UserId="77586" --> Word Count (1)  
 UserId="77586" Comment="edited tags" --> Word Count (1)  
 UserId="64797" Comment="added 142 characters in body; edited title" --> Word Count (56)  
 UserId="64797" Comment="added 142 characters in body; edited title" --> Word Count (5)  
 UserId="71231" Comment="Shortened body paragraphs to get to the point faster." --> Word Count (136)  
 UserId="65429" --> Word Count (407)  
 UserId="65429" --> Word Count (8)  
 UserId="65429" --> Word Count (1)  
 UserId="75152" --> Word Count (138)  
 UserId="60105" --> Word Count (106)  
 UserId="60105" --> Word Count (6)  
 UserId="60105" --> Word Count (1)  
 UserId="76674" Comment="formatting" --> Word Count (182)  
 UserId="-1" Comment="105" --> Word Count (1)  
 UserId="77591" --> Word Count (25)  
 UserId="39811" --> Word Count (129)  
 UserId="69644" Comment="edited body; edited title" --> Word Count (115)  
 UserId="69644" Comment="edited body; edited title" --> Word Count (17)  
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 UserId="77593" --> Word Count (12)  
 UserId="77593" --> Word Count (1)  
 UserId="45264" --> Word Count (281)  
 UserId="45264" Comment="Added example of plotting missing values. ; deleted 35 characters in body" --> Word Count (291)  
 UserId="29575" Comment="Format list" --> Word Count (23)  
 UserId="29169" Comment="formatting edits for additional clarity" --> Word Count (220)  
 UserId="29169" Comment="formatting corrections" --> Word Count (57)  
 UserId="29169" Comment="minor formatting corrections" --> Word Count (91)  
 UserId="55122" --> Word Count (273)  
 UserId="42220" --> Word Count (31)  
 UserId="42220" --> Word Count (15)  
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 UserId="77574" --> Word Count (1)  
 UserId="38911" Comment="added 426 characters in body" --> Word Count (259)  
 UserId="38911" Comment="edited diagram" --> Word Count (259)  
 UserId="29575" Comment="101" --> Word Count (4)

UserId="77356" --> Word Count (425)  
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 UserId="77356" --> Word Count (1)  
 UserId="77601" --> Word Count (88)  
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 UserId="38892" --> Word Count (53)  
 UserId="69644" Comment="edited body" --> Word Count (115)  
 UserId="38892" Comment="deleted 5 characters in body" --> Word Count (110)  
 UserId="38892" Comment="added 19 characters in body" --> Word Count (58)  
 UserId="60105" Comment="added 21 characters in body" --> Word Count (113)  
 UserId="73919" --> Word Count (59)  
 UserId="73919" --> Word Count (13)  
 UserId="73919" --> Word Count (1)  
 UserId="77606" --> Word Count (48)  
 UserId="77606" --> Word Count (12)  
 UserId="77606" --> Word Count (1)  
 UserId="52291" Comment="Formatted data to code" --> Word Count (597)  
 UserId="52350" --> Word Count (74)  
 UserId="52350" --> Word Count (17)  
 UserId="52350" --> Word Count (1)  
 UserId="77356" Comment="added 323 characters in body; edited title" --> Word Count (515)  
 UserId="77356" Comment="added 323 characters in body; edited title" --> Word Count (18)  
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 UserId="65131" --> Word Count (114)  
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 UserId="77609" --> Word Count (5)  
 UserId="68983" --> Word Count (22)  
 UserId="38892" --> Word Count (77)  
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 UserId="57564" --> Word Count (1)  
 UserId="74184" --> Word Count (202)  
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 UserId="74184" --> Word Count (1)  
 UserId="77612" --> Word Count (77)  
 UserId="77612" --> Word Count (8)  
 UserId="77612" --> Word Count (1)  
 UserId="77614" --> Word Count (147)  
 UserId="77614" --> Word Count (8)  
 UserId="77614" --> Word Count (1)  
 UserId="77192" --> Word Count (85)  
 UserId="77192" --> Word Count (5)  
 UserId="77192" --> Word Count (1)  
 UserId="68983" Comment="fixed grammer, formatting" --> Word Count (67)

UserId="68983" --> Word Count (34)  
UserId="77617" --> Word Count (21)  
UserId="77192" Comment="added 26 characters in body" --> Word Count (75)  
UserId="68983" Comment="added 45 characters in body" --> Word Count (45)  
UserId="52350" --> Word Count (48)  
UserId="77619" --> Word Count (22)  
UserId="77619" --> Word Count (19)  
UserId="77619" --> Word Count (1)  
UserId="45264" --> Word Count (443)  
UserId="74421" Comment="added backticks" --> Word Count (25)  
UserId="51714" --> Word Count (171)  
UserId="76626" --> Word Count (85)  
UserId="76626" --> Word Count (5)  
UserId="76626" --> Word Count (1)  
UserId="51714" Comment="deleted 1 character in body" --> Word Count (171)  
UserId="77356" Comment="added 339 characters in body; edited title" --> Word Count (447)  
UserId="77356" Comment="added 339 characters in body; edited title" --> Word Count (25)  
UserId="29217" --> Word Count (82)  
UserId="108" --> Word Count (130)  
UserId="75504" --> Word Count (18)  
UserId="75504" --> Word Count (11)  
UserId="75504" --> Word Count (1)  
UserId="68983" --> Word Count (42)  
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UserId="64596" Comment="minor edits" --> Word Count (204)  
UserId="74184" Comment="minor edits" --> Word Count (204)  
UserId="55122" Comment="added 638 characters in body" --> Word Count (331)  
UserId="77585" --> Word Count (21)  
UserId="77585" Comment="Added extra information" --> Word Count (46)  
UserId="76880" --> Word Count (49)  
UserId="76880" --> Word Count (7)  
UserId="76880" --> Word Count (1)  
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UserId="64596" Comment="minor edits" --> Word Count (1)  
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UserId="77643" --> Word Count (2)  
UserId="77643" --> Word Count (1)  
UserId="77645" --> Word Count (54)  
UserId="77645" --> Word Count (9)  
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UserId="75645" --> Word Count (104)  
UserId="75645" --> Word Count (6)  
UserId="75645" --> Word Count (1)  
UserId="68230" --> Word Count (69)  
UserId="64377" --> Word Count (108)  
UserId="51659" --> Word Count (178)



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 UserId="25862" --> Word Count (4)  
 UserId="25862" --> Word Count (1)  
 UserId="23305" --> Word Count (114)  
 UserId="45577" --> Word Count (111)  
 UserId="76794" --> Word Count (111)  
 UserId="77657" --> Word Count (34)  
 UserId="60105" --> Word Count (219)  
 UserId="60105" --> Word Count (6)  
 UserId="60105" --> Word Count (1)  
 UserId="75385" --> Word Count (76)  
 UserId="60105" Comment="added 4 characters in body" --> Word Count (218)  
 UserId="60105" Comment="added 3 characters in body" --> Word Count (219)  
 UserId="60105" Comment="edited body" --> Word Count (219)  
 UserId="29575" Comment="Add title" --> Word Count (40)  
 UserId="60105" Comment="added 121 characters in body" --> Word Count (234)  
 UserId="60105" Comment="edited tags" --> Word Count (1)  
 UserId="74421" --> Word Count (391)  
 UserId="29169" Comment="minor edit " --> Word Count (58)  
 UserId="29169" Comment="minor edit " --> Word Count (13)  
 UserId="74421" Comment="added 151 characters in body" --> Word Count (417)  
 UserId="69644" Comment="added 146 characters in body; edited title" --> Word Count (139)  
 UserId="69644" Comment="added 146 characters in body; edited title" --> Word Count (21)  
 UserId="64377" --> Word Count (79)  
 UserId="74421" Comment="added 19 characters in body" --> Word Count (420)  
 UserId="74421" Comment="added 29 characters in body" --> Word Count (426)  
 UserId="74421" Comment="added 601 characters in body" --> Word Count (527)  
 UserId="76546" Comment="improve readability" --> Word Count (55)  
 UserId="77663" --> Word Count (47)  
 UserId="77663" --> Word Count (23)  
 UserId="77663" --> Word Count (1)  
 UserId="77664" --> Word Count (53)  
 UserId="77664" --> Word Count (11)  
 UserId="77664" --> Word Count (1)  
 UserId="73441" --> Word Count (85)  
 UserId="73441" Comment="added 60 characters in body" --> Word Count (53)  
 UserId="73441" --> Word Count (61)  
 UserId="73441" --> Word Count (87)  
 UserId="77667" --> Word Count (121)  
 UserId="77667" --> Word Count (10)  
 UserId="77667" --> Word Count (1)  
 UserId="68023" --> Word Count (81)  
 UserId="108" --> Word Count (80)  
 UserId="108" --> Word Count (49)  
 UserId="75385" Comment="deleted 77 characters in body" --> Word Count (62)

UserId="73441" --> Word Count (47)  
UserId="73441" --> Word Count (6)  
UserId="73441" --> Word Count (1)  
UserId="62938" --> Word Count (174)  
UserId="62938" --> Word Count (7)  
UserId="62938" --> Word Count (1)  
UserId="77671" --> Word Count (161)  
UserId="77671" --> Word Count (4)  
UserId="77671" --> Word Count (1)  
UserId="74421" Comment="added backticks" --> Word Count (162)  
UserId="38371" Comment="added 8 characters in body" --> Word Count (131)  
UserId="76794" --> Word Count (38)  
UserId="77677" --> Word Count (89)  
UserId="77677" --> Word Count (9)  
UserId="77677" --> Word Count (1)  
UserId="68023" --> Word Count (232)  
UserId="64596" Comment="topic was edited" --> Word Count (47)  
UserId="64596" Comment="topic was edited" --> Word Count (19)  
UserId="29575" Comment="Minor grammar / formatting" --> Word Count (59)  
UserId="74421" Comment="added backticks" --> Word Count (106)  
UserId="29575" Comment="added backticks" --> Word Count (105)  
UserId="44114" --> Word Count (175)  
UserId="53001" --> Word Count (95)  
UserId="53001" --> Word Count (9)  
UserId="53001" --> Word Count (1)  
UserId="37046" --> Word Count (118)  
UserId="41058" --> Word Count (83)  
UserId="41058" --> Word Count (3)  
UserId="41058" --> Word Count (1)  
UserId="77681" --> Word Count (53)  
UserId="77681" --> Word Count (4)  
UserId="77681" --> Word Count (1)  
UserId="68983" --> Word Count (16)  
UserId="77356" Comment="deleted 521 characters in body; edited title" --> Word Count (367)  
UserId="77356" Comment="deleted 521 characters in body; edited title" --> Word Count (23)  
UserId="68983" --> Word Count (57)  
UserId="68983" --> Word Count (73)  
UserId="77356" Comment="deleted 797 characters in body; edited tags; edited title" --> Word Count (526)  
UserId="77356" Comment="deleted 797 characters in body; edited tags; edited title" --> Word Count (17)  
UserId="77356" Comment="deleted 797 characters in body; edited tags; edited title" --> Word Count (1)  
UserId="23305" Comment="replace generic header with more details" --> Word Count (8)  
UserId="74421" Comment="deleted 145 characters in body" --> Word Count (497)

UserId="25180" Comment="broken image fixed (click 'rendered output' or 'side-by-side' to see the difference; image retrieved via Wayback Machine); for more info, see <https://gist.github.com/Glorfindel83/9d954d34385d2ac2597bbe864466259f>" --> Word Count (397)  
 UserId="74421" --> Word Count (163)  
 UserId="74421" Comment="added 468 characters in body" --> Word Count (252)  
 UserId="74421" Comment="added 5 characters in body" --> Word Count (264)  
 UserId="74421" --> Word Count (139)  
 UserId="74421" --> Word Count (7)  
 UserId="74421" --> Word Count (1)  
 UserId="74421" Comment="added 131 characters in body" --> Word Count (160)  
 UserId="69670" --> Word Count (72)  
 UserId="47371" --> Word Count (97)  
 UserId="77691" --> Word Count (47)  
 UserId="76546" Comment="improve readability" --> Word Count (63)  
 UserId="77356" Comment="edited body" --> Word Count (526)  
 UserId="75738" Comment="edited body" --> Word Count (88)  
 UserId="77618" --> Word Count (91)  
 UserId="77618" --> Word Count (9)  
 UserId="77618" --> Word Count (1)  
 UserId="77618" Comment="added knn algorithm" --> Word Count (92)  
 UserId="924" --> Word Count (62)  
 UserId="60969" --> Word Count (128)  
 UserId="77698" --> Word Count (216)  
 UserId="77698" --> Word Count (7)  
 UserId="77698" --> Word Count (1)  
 UserId="77356" Comment="edited body" --> Word Count (526)  
 UserId="39982" --> Word Count (80)  
 UserId="39982" --> Word Count (5)  
 UserId="39982" --> Word Count (1)  
 UserId="46547" --> Word Count (127)  
 UserId="46547" --> Word Count (11)  
 UserId="46547" --> Word Count (1)  
 UserId="77704" --> Word Count (42)  
 UserId="77704" --> Word Count (11)  
 UserId="77704" --> Word Count (1)  
 UserId="70243" --> Word Count (204)  
 UserId="70243" --> Word Count (6)  
 UserId="70243" --> Word Count (1)  
 UserId="69963" --> Word Count (155)  
 UserId="69963" --> Word Count (6)  
 UserId="69963" --> Word Count (1)  
 UserId="67325" Text="\*\*Problem\*\* : Document classification of scanned financial documents using Text (OCR on the images) and Images. The documents are both structural (forms, tables), unstructured (letters, descriptions, paragraphs of text) and semi-structured (may have paragraphs and forms in the same page).&#xD;&#xA;&#xD;&#xA;\*\*Research Direction\*\* : The idea is to create a multi-model pipeline which uses text data (\_possible models : word2vec, doc2vec

or LSTM/RNN\_), images (\_possible model: CNN\_) and connects the models in a coherent and \*\*\*mutually differentiable\*\*\* way that, one model (say image model) tries to learn better when the other model(text model) is not able to learn and contributes towards the right classification (changing weights doesn't effect loss).

Normal approach adopted for multi-model training:

1. Train both (text and image) models separately and get an output vector for each.
2. Concatenate both vectors and train a Fully-Connected NN with a softmax layer at the end (document classes).

[[enter image description here][1]][1]

**Limitation** (in my case): When the FC-NN is trained, the back-propagation is only limited up-till the start of the FC-NN. Which means that the two models (text and image) are not updated (weights are not updated in both models based on the error evaluated by the loss function in the FC-NN).

**Proposed Approach**

1. Have a pipeline of three models, where image and text models are connected with a FC-NN at the end. But in this case, the loss evaluated in FC-NN is back-propagated upto the input of the image and text models. (See the following image)
2. Image and --> Word Count (123)

UserId="67325" Text="Multi-Model Learning | --> Word Count (11)  
 UserId="67325" --> Word Count (1)  
 UserId="24409" --> Word Count (71)  
 UserId="24409" --> Word Count (25)  
 UserId="30510" --> Word Count (231)  
 UserId="29575" Comment="Minor formatting" --> Word Count (129)  
 UserId="73680" --> Word Count (576)  
 UserId="73680" --> Word Count (6)  
 UserId="73680" --> Word Count (1)  
 UserId="46672" --> Word Count (75)  
 UserId="46672" --> Word Count (20)  
 UserId="46672" --> Word Count (1)  
 UserId="29575" Comment="Minor formatting" --> Word Count (127)  
 UserId="29575" Comment="Minor formatting" --> Word Count (234)  
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (75)  
 UserId="73680" Comment="edited title" --> Word Count (7)  
 UserId="77708" --> Word Count (113)  
 UserId="77708" --> Word Count (12)  
 UserId="77708" --> Word Count (1)  
 UserId="73912" --> Word Count (203)  
 UserId="73912" --> Word Count (6)  
 UserId="73912" --> Word Count (1)  
 UserId="67325" Comment="added 10 characters in body" Text="\*\*\*Problem\*\* : Document classification of scanned financial documents using Text (OCR on the images) and Images. The documents are both structural (forms, tables), unstructured (letters, descriptions, paragraphs of text) and semi-structured (may have paragraphs and forms in the same page).

**Research Direction** : The idea is to create a multi-model pipeline which uses text data (\_possible models : word2vec, doc2vec or LSTM/RNN\_), images (\_possible model: CNN\_) and connects the models in a coherent and \*\*\*mutually differentiable\*\*\*

way that, one model (say image model) tries to learn better when the other model(text model) is not able to learn and contributes towards the right classification (changing weights doesn't effect loss).

&#xD; &#xA; &#xD; &#xA; \*\*Normal(ensemble) approach adopted for multi-model training: &#xD; &#xA; &#xD; &#xA; 1. Train both (text and image) models separately and get an output vector for each. &#xD; &#xA; 2. Concatenate both vectors and train a Fully-Connected NN with a softmax layer at the end (document classes). &#xD; &#xA; &#xD; &#xA; [![enter image description here][1]][1] &#xD; &#xA; &#xD; &#xA; &gt; \*\*Limitation\*\* (in my case): When the FC-NN is trained, the back-propagation is only limited up-till the start of the FC-NN. Which means that the two models (text and image) are not updated (weights are not updated in both models based on the error evaluated by the loss function in the FC-NN). &#xD; &#xA; &#xD; &#xA; \*\*Proposed Approach\*\* &#xD; &#xA; &#xD; &#xA; 1. Have a pipeline of three models, where image and text models are connected with a FC-NN at the end. But in this case, the loss evaluated in FC-NN is back-propagated uptil the input of the image and text models. (See the following image) &#xD; &#xA; 2. Image and --> Word Count (123)

UserId="75606" --> Word Count (45)

UserId="75606" --> Word Count (10)

UserId="75606" --> Word Count (1)

UserId="71219" --> Word Count (195)

UserId="71219" Comment="added 227 characters in body" --> Word Count (234)

UserId="76923" Comment="added 125 characters in body" --> Word Count (86)

UserId="39011" --> Word Count (90)

UserId="77715" --> Word Count (109)

UserId="77715" --> Word Count (4)

UserId="77715" --> Word Count (1)

UserId="77664" --> Word Count (83)

UserId="77664" --> Word Count (10)

UserId="77664" --> Word Count (1)

UserId="44114" --> Word Count (191)

UserId="77714" --> Word Count (64)

UserId="77714" --> Word Count (11)

UserId="77714" --> Word Count (1)

UserId="76560" --> Word Count (29)

UserId="76560" --> Word Count (7)

UserId="76560" --> Word Count (1)

UserId="77719" --> Word Count (138)

UserId="77719" --> Word Count (8)

UserId="77719" --> Word Count (1)

UserId="56354" --> Word Count (53)

UserId="26562" Comment="edited body" --> Word Count (113)

UserId="26562" Comment="formatting & spelling" --> Word Count (32)

UserId="26562" Comment="formatting & spelling" --> Word Count (6)

UserId="76546" --> Word Count (202)

UserId="76546" --> Word Count (5)

UserId="76546" --> Word Count (1)

UserId="76779" --> Word Count (25)

UserId="76779" --> Word Count (14)  
 UserId="76779" --> Word Count (1)  
 UserId="71219" Comment="added 18 characters in body" --> Word Count (239)  
 UserId="77732" --> Word Count (99)  
 UserId="77732" --> Word Count (12)  
 UserId="77732" --> Word Count (1)  
 UserId="76779" Comment="added 393 characters in body" --> Word Count (112)  
 UserId="74421" Comment="added backticks" --> Word Count (203)  
 UserId="76546" Comment="added backticks" --> Word Count (202)  
 UserId="28175" --> Word Count (75)  
 UserId="28175" Comment="added 3 characters in body; edited tags" --> Word Count (112)  
 UserId="28175" Comment="added 3 characters in body; edited tags" --> Word Count (1)  
 UserId="74279" Text="as i mentioned on title, How does pytorch embedding layer works in machine translation task ? As i know that we can use CBOW or Skip-gram to create pretrained embedding vectors for our translation mode, so how does embedding layer create embedding vectors in pytorch ? Does it works the same with we use fast --> Word Count (4)  
 UserId="74279" --> Word Count (11)  
 UserId="74279" --> Word Count (1)  
 UserId="77739" --> Word Count (224)  
 UserId="77739" --> Word Count (25)  
 UserId="77739" --> Word Count (1)  
 UserId="77740" --> Word Count (142)  
 UserId="77740" --> Word Count (10)  
 UserId="77740" --> Word Count (1)  
 UserId="71246" --> Word Count (191)  
 UserId="71246" --> Word Count (5)  
 UserId="71246" --> Word Count (1)  
 UserId="77618" --> Word Count (32)  
 UserId="77618" --> Word Count (4)  
 UserId="77618" --> Word Count (1)  
 UserId="74421" Comment="added backsticks" --> Word Count (226)  
 UserId="44456" --> Word Count (251)  
 UserId="73441" --> Word Count (65)  
 UserId="65429" Comment="Included extra thoughts and fix attempts " --> Word Count (452)  
 UserId="77742" --> Word Count (318)  
 UserId="77742" --> Word Count (17)  
 UserId="77742" --> Word Count (1)  
 UserId="76955" --> Word Count (14)  
 UserId="76955" --> Word Count (12)  
 UserId="76955" --> Word Count (1)  
 UserId="73678" --> Word Count (150)  
 UserId="73678" --> Word Count (11)  
 UserId="73678" --> Word Count (1)  
 UserId="26562" Comment="fix formatting" --> Word Count (321)

UserId="77743" --> Word Count (29)  
 UserId="77746" --> Word Count (33)  
 UserId="77746" --> Word Count (12)  
 UserId="77746" --> Word Count (1)  
 UserId="73912" --> Word Count (603)  
 UserId="73912" --> Word Count (9)  
 UserId="73912" --> Word Count (1)  
 UserId="49278" --> Word Count (114)  
 UserId="49278" --> Word Count (8)  
 UserId="49278" --> Word Count (1)  
 UserId="77747" --> Word Count (46)  
 UserId="77747" --> Word Count (14)  
 UserId="77747" --> Word Count (1)  
 UserId="44139" --> Word Count (365)  
 UserId="77746" --> Word Count (52)  
 UserId="77746" --> Word Count (3)  
 UserId="77746" --> Word Count (1)  
 UserId="77748" --> Word Count (84)  
 UserId="77748" --> Word Count (3)  
 UserId="77748" --> Word Count (1)  
 UserId="77743" --> Word Count (127)  
 UserId="77745" --> Word Count (190)  
 UserId="77745" --> Word Count (18)  
 UserId="77745" --> Word Count (1)  
 UserId="32192" --> Word Count (15)  
 UserId="32192" --> Word Count (5)  
 UserId="32192" --> Word Count (1)  
 UserId="77745" Comment="edited body" --> Word Count (190)  
 UserId="77747" Comment="added 4 characters in body" --> Word Count (47)  
 UserId="77751" --> Word Count (643)  
 UserId="77751" --> Word Count (10)  
 UserId="77751" --> Word Count (1)  
 UserId="77752" --> Word Count (81)  
 UserId="77752" --> Word Count (19)  
 UserId="77752" --> Word Count (1)  
 UserId="201" --> Word Count (128)  
 UserId="201" Comment="Fix code formatting" --> Word Count (46)  
 UserId="201" Comment="fix typo" --> Word Count (48)  
 UserId="65131" --> Word Count (151)  
 UserId="65131" --> Word Count (13)  
 UserId="65131" --> Word Count (1)  
 UserId="77757" --> Word Count (282)  
 UserId="77757" --> Word Count (14)  
 UserId="77757" --> Word Count (1)  
 UserId="45507" --> Word Count (89)  
 UserId="45507" Comment="Improve readability of formulas" --> Word Count (113)  
 UserId="77631" --> Word Count (105)  
 UserId="77631" --> Word Count (4)

UserId="77631" --> Word Count (1)  
 UserId="77766" --> Word Count (37)  
 UserId="77766" --> Word Count (8)  
 UserId="77766" --> Word Count (1)  
 UserId="45374" Comment="Edited for clarity" --> Word Count (180)  
 UserId="45374" Comment="Edited for clarity" --> Word Count (9)  
 UserId="71442" --> Word Count (534)  
 UserId="45374" Comment="Edited for clarity" --> Word Count (84)  
 UserId="45374" Comment="Edited for clarity" --> Word Count (4)  
 UserId="42792" --> Word Count (247)  
 UserId="71442" Comment="code highlighting" --> Word Count (86)  
 UserId="76779" Comment="edited body" --> Word Count (113)  
 UserId="77360" --> Word Count (221)  
 UserId="77360" --> Word Count (17)  
 UserId="77360" --> Word Count (1)  
 UserId="69646" Comment="added arxiv paper link" --> Word Count (137)  
 UserId="76546" Comment="add info" --> Word Count (262)  
 UserId="66457" --> Word Count (46)  
 UserId="77404" --> Word Count (390)  
 UserId="77404" --> Word Count (9)  
 UserId="77404" --> Word Count (1)  
 UserId="59004" --> Word Count (63)  
 UserId="59004" --> Word Count (9)  
 UserId="59004" --> Word Count (1)  
 UserId="66457" --> Word Count (46)  
 UserId="66457" --> Word Count (34)  
 UserId="71587" --> Word Count (110)  
 UserId="71587" --> Word Count (9)  
 UserId="71587" --> Word Count (1)  
 UserId="46360" --> Word Count (95)  
 UserId="77773" --> Word Count (311)  
 UserId="77773" --> Word Count (11)  
 UserId="77773" --> Word Count (1)  
 UserId="46360" --> Word Count (77)  
 UserId="46360" --> Word Count (39)  
 UserId="47371" --> Word Count (133)  
 UserId="77683" --> Word Count (1647)  
 UserId="77776" --> Word Count (173)  
 UserId="77776" --> Word Count (7)  
 UserId="77776" --> Word Count (1)  
 UserId="77776" Comment="added 372 characters in body" --> Word Count (81)  
 UserId="47371" --> Word Count (510)  
 UserId="62521" --> Word Count (144)  
 UserId="62521" --> Word Count (7)  
 UserId="62521" --> Word Count (1)  
 UserId="77683" Comment="Add Binder link.; added 10 characters in body" --> Word Count (1658)  
 UserId="65131" --> Word Count (49)



UserId="65131" --> Word Count (12)  
 UserId="65131" --> Word Count (1)  
 UserId="50519" --> Word Count (92)  
 UserId="64377" Comment="added math mode markers" --> Word Count (37)  
 UserId="77779" --> Word Count (136)  
 UserId="77779" --> Word Count (7)  
 UserId="77779" --> Word Count (1)  
 UserId="69644" --> Word Count (137)  
 UserId="69644" --> Word Count (10)  
 UserId="69644" --> Word Count (1)  
 UserId="77683" Comment="deleted 74 characters in body" --> Word Count (1652)  
 UserId="47371" --> Word Count (915)  
 UserId="62616" --> Word Count (32)  
 UserId="62616" --> Word Count (9)  
 UserId="62616" --> Word Count (1)  
 UserId="47279" --> Word Count (101)  
 UserId="47279" --> Word Count (7)  
 UserId="47279" --> Word Count (1)  
 UserId="77698" --> Word Count (329)  
 UserId="77698" --> Word Count (6)  
 UserId="77698" --> Word Count (1)  
 UserId="29169" Comment="latex formatting" --> Word Count (47)  
 UserId="-1" Comment="103" --> Word Count (3)  
 UserId="74421" Comment="added backticks" --> Word Count (102)  
 UserId="29169" Comment="link formatting" --> Word Count (66)  
 UserId="29169" Comment="formatting for clarity" --> Word Count (113)  
 UserId="50519" Comment="deleted 4 characters in body" --> Word Count (91)  
 UserId="77780" --> Word Count (27)  
 UserId="77780" --> Word Count (9)  
 UserId="77780" --> Word Count (1)  
 UserId="55122" --> Word Count (228)  
 UserId="69646" --> Word Count (346)  
 UserId="69646" --> Word Count (13)  
 UserId="69646" --> Word Count (1)  
 UserId="55122" --> Word Count (249)  
 UserId="77788" --> Word Count (294)  
 UserId="55122" --> Word Count (189)  
 UserId="47371" --> Word Count (199)  
 UserId="55122" --> Word Count (70)  
 UserId="77792" --> Word Count (544)  
 UserId="77792" --> Word Count (18)  
 UserId="77792" --> Word Count (1)  
 UserId="59004" --> Word Count (72)  
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 UserId="59004" --> Word Count (1)  
 UserId="58990" --> Word Count (1105)  
 UserId="58990" --> Word Count (10)  
 UserId="58990" --> Word Count (1)

UserId="77764" Text="I have an existing database with User stories (with multiple text fields like Description with Use cases, acceptance criteria etc) and corresponding test cases with steps for each test case.  
 &#xD;&#xA;&#xD;&#xA;I am fairly new to data science in general, and I'm wondering if it is possible to use machine learning/natural language processing to **generate** test cases. I wanted to say **predict** test cases, since the algorithm should learn from existing historical data, but predicting sentences sounds counter-intuitive.&#xD;&#xA; &#xD;&#xA;Basically, we need to teach the machine to understand the relation between stories and the corresponding test cases, then given a new user story, generate test case. But here's a catch, it should search in the existing database for similar stories, and if greater than a threshold similarity metric, return the existing test case, else generate new.&#xD;&#xA;&#xD;&#xA;So, I started in the direction of NLU & NLG techniques, I have extracted keywords using TF-IDF scores, build a vocab and then use --> Word Count (59)  
 UserId="77764" --> Word Count (10)  
 UserId="77764" --> Word Count (1)  
 UserId="26562" Comment="latex formatting" --> Word Count (289)  
 UserId="59004" Comment="edited title" --> Word Count (9)  
 UserId="77788" Comment="added 1 character in body" --> Word Count (290)  
 UserId="24409" --> Word Count (159)  
 UserId="77745" --> Word Count (96)  
 UserId="77745" --> Word Count (10)  
 UserId="77745" --> Word Count (1)  
 UserId="77415" --> Word Count (243)  
 UserId="77415" --> Word Count (11)  
 UserId="77415" --> Word Count (1)  
 UserId="77781" --> Word Count (167)  
 UserId="77781" --> Word Count (5)  
 UserId="77781" --> Word Count (1)  
 UserId="67366" --> Word Count (43)  
 UserId="63219" --> Word Count (186)  
 UserId="63219" --> Word Count (6)  
 UserId="63219" --> Word Count (1)  
 UserId="77743" --> Word Count (144)  
 UserId="65131" --> Word Count (62)  
 UserId="77799" --> Word Count (90)  
 UserId="33179" --> Word Count (145)  
 UserId="33179" --> Word Count (6)  
 UserId="33179" --> Word Count (1)  
 UserId="77719" Comment="added 909 characters in body" --> Word Count (238)  
 UserId="77719" Comment="added 77 characters in body" --> Word Count (248)  
 UserId="73851" Comment="tag and spell check" --> Word Count (663)  
 UserId="73851" Comment="tag and spell check" --> Word Count (11)  
 UserId="65574" --> Word Count (120)  
 UserId="77745" --> Word Count (180)  
 UserId="77745" --> Word Count (5)  
 UserId="77745" --> Word Count (1)

UserId="77803" --> Word Count (149)  
 UserId="77803" --> Word Count (2)  
 UserId="77803" --> Word Count (1)  
 UserId="29575" Comment="Minor grammar" --> Word Count (120)  
 UserId="77360" Comment="added 795 characters in body" --> Word Count (348)  
 UserId="77745" Comment="added 380 characters in body" --> Word Count (194)  
 UserId="77745" Comment="added 380 characters in body" --> Word Count (11)  
 UserId="77360" Comment="added 795 characters in body" --> Word Count (349)  
 UserId="74279" --> Word Count (92)  
 UserId="74279" --> Word Count (17)  
 UserId="74279" --> Word Count (1)  
 UserId="32958" --> Word Count (183)  
 UserId="32958" --> Word Count (6)  
 UserId="32958" --> Word Count (1)  
 UserId="77812" --> Word Count (251)  
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 UserId="77812" --> Word Count (1)  
 UserId="77809" --> Word Count (205)  
 UserId="77809" --> Word Count (9)  
 UserId="77809" --> Word Count (1)  
 UserId="74657" --> Word Count (438)  
 UserId="74657" --> Word Count (11)  
 UserId="74657" --> Word Count (1)  
 UserId="65131" Comment="Huge unnecessary image should be removed to improve readability" --> Word Count (221)  
 UserId="77809" Comment="deleted 23 characters in body" --> Word Count (218)  
 UserId="77809" Comment="edited title" --> Word Count (9)  
 UserId="74657" Comment="added 214 characters in body" --> Word Count (472)  
 UserId="76429" --> Word Count (70)  
 UserId="76429" --> Word Count (4)  
 UserId="76429" --> Word Count (1)  
 UserId="69646" Comment="deleted 149 characters in body; edited title" --> Word Count (315)  
 UserId="69646" Comment="deleted 149 characters in body; edited title" --> Word Count (10)  
 UserId="37812" --> Word Count (83)  
 UserId="37812" --> Word Count (9)  
 UserId="37812" --> Word Count (1)  
 UserId="76429" Comment="added 2 characters in body" --> Word Count (70)  
 UserId="63219" Comment="deleted 239 characters in body; edited title" --> Word Count (168)  
 UserId="63219" Comment="deleted 239 characters in body; edited title" --> Word Count (6)  
 UserId="74279" Comment="added 1 character in body; edited title" --> Word Count (92)  
 UserId="74279" Comment="added 1 character in body; edited title" --> Word Count (19)  
 UserId="65131" --> Word Count (49)

UserId="77816" --> Word Count (79)  
 UserId="77816" --> Word Count (11)  
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 UserId="42044" --> Word Count (67)  
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 UserId="75152" --> Word Count (55)  
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 UserId="77834" --> Word Count (1)  
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 UserId="77831" --> Word Count (9)  
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 UserId="77837" --> Word Count (126)  
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 UserId="59004" --> Word Count (9)  
 UserId="59004" --> Word Count (1)  
 UserId="69646" Comment="added 739 characters in body; edited title" --> Word Count (384)  
 UserId="69646" Comment="added 739 characters in body; edited title" --> Word Count (13)  
 UserId="77843" --> Word Count (81)  
 UserId="57912" --> Word Count (33)  
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 UserId="77851" --> Word Count (1)  
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 UserId="71918" --> Word Count (6)

UserId="71918" --> Word Count (1)  
 UserId="63270" --> Word Count (348)  
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 UserId="77860" --> Word Count (1)  
 UserId="18247" --> Word Count (240)  
 UserId="71918" Comment="edited title" --> Word Count (5)  
 UserId="77866" --> Word Count (221)  
 UserId="77866" --> Word Count (10)  
 UserId="77866" --> Word Count (1)  
 UserId="65296" --> Word Count (367)  
 UserId="65296" --> Word Count (6)  
 UserId="65296" --> Word Count (1)  
 UserId="77868" --> Word Count (179)  
 UserId="77868" --> Word Count (12)  
 UserId="77868" --> Word Count (1)  
 UserId="69646" Comment="added 269 characters in body" --> Word Count (419)  
 UserId="26562" Comment="Spelling" --> Word Count (3)  
 UserId="47371" --> Word Count (112)  
 UserId="47371" --> Word Count (161)  
 UserId="69646" Comment="added 525 characters in body" --> Word Count (456)  
 UserId="38091" --> Word Count (72)  
 UserId="38091" --> Word Count (9)  
 UserId="38091" --> Word Count (1)  
 UserId="47371" --> Word Count (417)  
 UserId="69646" Comment="edited title" --> Word Count (14)  
 UserId="69646" Comment="deleted 1 character in body" --> Word Count (456)  
 UserId="38793" --> Word Count (206)  
 UserId="38793" --> Word Count (10)  
 UserId="38793" --> Word Count (1)  
 UserId="38091" Comment="added 126 characters in body" --> Word Count (87)  
 UserId="24409" --> Word Count (16)  
 UserId="74985" --> Word Count (101)  
 UserId="77877" --> Word Count (132)  
 UserId="77877" --> Word Count (8)  
 UserId="77877" --> Word Count (1)  
 UserId="24409" Comment="added 54 characters in body; added 34 characters in body" --> Word Count (35)  
 UserId="77879" --> Word Count (106)  
 UserId="77879" --> Word Count (9)  
 UserId="77879" --> Word Count (1)  
 UserId="77880" --> Word Count (110)  
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 UserId="77881" --> Word Count (465)

UserId="77881" --> Word Count (13)  
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 UserId="77625" --> Word Count (437)  
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 UserId="74261" Comment="added 59 characters in body" --> Word Count (249)  
 UserId="6433" Comment="edited body; edited tags" --> Word Count (59)  
 UserId="6433" Comment="edited body; edited tags" --> Word Count (1)  
 UserId="65574" Comment="Rollback to [fb22bc42-1932-48d0-989f-d688504a7aea]" -->  
 Word Count (120)  
 UserId="65574" Comment="added 1 character in body" --> Word Count (120)  
 UserId="77889" --> Word Count (44)  
 UserId="77889" --> Word Count (2)  
 UserId="77889" --> Word Count (1)  
 UserId="45264" --> Word Count (396)  
 UserId="77890" --> Word Count (108)  
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 UserId="77890" --> Word Count (1)  
 UserId="77360" Comment="deleted 2 characters in body" --> Word Count (287)  
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 UserId="77899" --> Word Count (63)  
 UserId="77899" --> Word Count (9)  
 UserId="77899" --> Word Count (1)  
 UserId="45264" Comment="Added additional fix for strings in a dataframe" -->  
 Word Count (451)  
 UserId="77900" --> Word Count (155)  
 UserId="69822" Comment="added 211 characters in body" --> Word Count (96)  
 UserId="77896" Text="I have been executing an open-source" --> Word Count (107)  
 UserId="77896" --> Word Count (10)  
 UserId="77896" --> Word Count (1)  
 UserId="69261" --> Word Count (26)  
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 UserId="77753" --> Word Count (339)  
 UserId="77753" --> Word Count (8)  
 UserId="77753" --> Word Count (1)  
 UserId="77901" --> Word Count (75)  
 UserId="77901" --> Word Count (18)  
 UserId="77901" --> Word Count (1)  
 UserId="71442" --> Word Count (75)  
 UserId="69646" Comment="added 285 characters in body" --> Word Count (484)  
 UserId="77904" --> Word Count (190)  
 UserId="77904" --> Word Count (3)  
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 UserId="71219" --> Word Count (193)

UserId="65131" --> Word Count (37)  
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 UserId="74397" --> Word Count (94)  
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 UserId="64983" --> Word Count (1)  
 UserId="77843" --> Word Count (54)  
 UserId="1330" --> Word Count (59)  
 UserId="29575" Comment="Minor grammar" --> Word Count (154)  
 UserId="69822" Comment="corrected spelling, rephrasing" --> Word Count (22)  
 UserId="69822" Comment="corrected spelling, rephrasing" --> Word Count (6)  
 UserId="29575" Comment="corrected spelling, rephrasing" --> Word Count (22)  
 UserId="69822" --> Word Count (122)  
 UserId="73851" Comment="tag and spell check" --> Word Count (61)  
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 UserId="25180" Comment="broken image fixed (click 'rendered output' or 'side-by-side' to see the difference; images currently unavailable because of expired SSL certificate); for more info, see  
<https://gist.github.com/Glorfindel83/9d954d34385d2ac2597bbe864466259f>" --> Word Count (127)  
 UserId="69822" Comment="added 16 characters in body" --> Word Count (103)  
 UserId="77912" --> Word Count (200)  
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 UserId="77912" --> Word Count (1)  
 UserId="47371" --> Word Count (414)  
 UserId="75738" --> Word Count (15)  
 UserId="77881" Comment="Updated one-hot encoding explanation." --> Word Count (550)  
 UserId="64983" Comment="edited title" --> Word Count (7)  
 UserId="60710" --> Word Count (41)  
 UserId="47371" --> Word Count (195)  
 UserId="37330" --> Word Count (72)  
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 UserId="59825" --> Word Count (14)  
 UserId="59825" --> Word Count (1)  
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 UserId="47371" --> Word Count (231)  
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 UserId="75703" --> Word Count (1)  
 UserId="60379" --> Word Count (85)  
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UserId="77102" --> Word Count (68)  
 UserId="77102" --> Word Count (11)  
 UserId="77102" --> Word Count (1)  
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 UserId="77927" --> Word Count (11)  
 UserId="77927" --> Word Count (1)  
 UserId="8820" Comment="edited body" --> Word Count (69)  
 UserId="38516" --> Word Count (81)  
 UserId="38516" --> Word Count (5)  
 UserId="38516" --> Word Count (1)  
 UserId="61440" --> Word Count (135)  
 UserId="61440" --> Word Count (14)  
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 UserId="77928" --> Word Count (231)  
 UserId="77928" --> Word Count (19)  
 UserId="77928" --> Word Count (1)  
 UserId="77933" --> Word Count (393)  
 UserId="77933" --> Word Count (9)  
 UserId="77933" --> Word Count (1)  
 UserId="836" Comment="added 163 characters in body" --> Word Count (134)  
 UserId="77938" --> Word Count (263)  
 UserId="77936" --> Word Count (174)  
 UserId="77936" --> Word Count (12)  
 UserId="77936" --> Word Count (1)  
 UserId="836" --> Word Count (749)  
 UserId="77938" --> Word Count (65)  
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 UserId="77928" --> Word Count (218)  
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 UserId="30959" --> Word Count (6)  
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 UserId="77942" --> Word Count (136)  
 UserId="77942" --> Word Count (12)  
 UserId="77942" --> Word Count (1)  
 UserId="77942" Comment="added 221 characters in body" --> Word Count (156)  
 UserId="77057" --> Word Count (238)  
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 UserId="77057" --> Word Count (1)  
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 UserId="23305" Comment="edited tags" --> Word Count (1)  
 UserId="66752" --> Word Count (388)  
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UserId="3314" --> Word Count (1)  
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UserId="23305" Comment="101" --> Word Count (1)  
UserId="77949" --> Word Count (64)  
UserId="77949" --> Word Count (14)  
UserId="77949" --> Word Count (1)  
UserId="77950" --> Word Count (83)  
UserId="77950" --> Word Count (10)  
UserId="77950" --> Word Count (1)  
UserId="50363" Comment="word2vec is not an autoencoder" --> Word Count (1)  
UserId="29575" Comment="Minor grammar / formatting" --> Word Count (331)  
UserId="26562" Comment="rephrasing " --> Word Count (54)  
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UserId="77928" Comment="edited tags" --> Word Count (1)  
UserId="76546" --> Word Count (46)  
UserId="77956" --> Word Count (73)  
UserId="77958" --> Word Count (218)  
UserId="77958" --> Word Count (11)  
UserId="77958" --> Word Count (1)  
UserId="77753" Comment="added 1 character in body" --> Word Count (339)  
UserId="76156" --> Word Count (297)  
UserId="76156" --> Word Count (15)  
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UserId="76411" --> Word Count (178)  
UserId="76411" --> Word Count (8)  
UserId="76411" --> Word Count (1)  
UserId="836" Comment="added 1 character in body" --> Word Count (749)  
UserId="77961" --> Word Count (29)  
UserId="77961" --> Word Count (10)  
UserId="77961" --> Word Count (1)  
UserId="77960" --> Word Count (131)  
UserId="42220" --> Word Count (40)  
UserId="42220" --> Word Count (8)  
UserId="42220" --> Word Count (1)  
UserId="77960" --> Word Count (106)  
UserId="74279" --> Word Count (68)  
UserId="74279" --> Word Count (12)  
UserId="74279" --> Word Count (1)  
UserId="108" --> Word Count (98)  
UserId="73919" --> Word Count (74)  
UserId="73919" --> Word Count (10)  
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UserId="76811" --> Word Count (30)

UserId="76811" --> Word Count (9)  
 UserId="76811" --> Word Count (1)  
 UserId="26218" --> Word Count (241)  
 UserId="26218" --> Word Count (10)  
 UserId="26218" --> Word Count (1)  
 UserId="65131" --> Word Count (84)  
 UserId="65131" --> Word Count (45)  
 UserId="65131" --> Word Count (11)  
 UserId="65131" --> Word Count (1)  
 UserId="77971" --> Word Count (277)  
 UserId="77971" --> Word Count (3)  
 UserId="77971" --> Word Count (1)  
 UserId="77970" --> Word Count (164)  
 UserId="77970" --> Word Count (17)  
 UserId="77970" --> Word Count (1)  
 UserId="77900" --> Word Count (301)  
 UserId="77900" --> Word Count (9)  
 UserId="77900" --> Word Count (1)  
 UserId="77973" --> Word Count (66)  
 UserId="69822" --> Word Count (87)  
 UserId="73209" Text="You have several good tutorials on the web  
 :&#xD;&#xA;&#xD;&#xA;https://www.kaggle.com/poonaml/text-classification-using-  
 spacy&#xD;&#xA;&#xD;&#xA;Basically, you have to : &#xD;&#xA;&#xD;&#xA; 1. Import  
 the data in python, here POSITIVE is the variable to predict and 0 and 1 are the  
 2 encoded classes.&#xD;&#xA;``&#xD;&#xA;TRAIN\_DATA = [(Text1, {'cats':  
 {'POSITIVE': 1}}),&#xD;&#xA;( --> Word Count (177)  
 UserId="57610" --> Word Count (794)  
 UserId="57610" --> Word Count (8)  
 UserId="57610" --> Word Count (1)  
 UserId="66040" --> Word Count (429)  
 UserId="66040" --> Word Count (17)  
 UserId="66040" --> Word Count (1)  
 UserId="37243" --> Word Count (52)  
 UserId="37243" --> Word Count (10)  
 UserId="37243" --> Word Count (1)  
 UserId="68818" Comment="deleted 10 characters in body" --> Word Count (55)  
 UserId="65131" --> Word Count (42)  
 UserId="67412" --> Word Count (61)  
 UserId="67412" Comment="add general reasoning" --> Word Count (78)  
 UserId="77977" Text="Generating word embeddings for &quot;\*\*OOV\*\*&quot;(out of  
 vocabulary) words is one of the major limitations of many standard embeddings  
 like Glove and word2vec. However, fast --> Word Count (195)  
 UserId="37243" Comment="added 288 characters in body" --> Word Count (85)  
 UserId="67412" --> Word Count (156)  
 UserId="37243" Comment="added 288 characters in body" --> Word Count (85)  
 UserId="59825" Comment="edited title" --> Word Count (5)  
 UserId="77977" Comment="added 20 characters in body" Text="Generating word  
 embeddings for &quot;\*\*OOV\*\*&quot;(out of vocabulary) words is one of the major

limitations of many standard embeddings like Glove and word2vec. However, fast  
--> Word Count (199)  
UserId="64377" --> Word Count (80)  
UserId="69822" Comment="rephrasing , corrected spelling" --> Word Count (301)  
UserId="77982" Text="I have the below dataframe&#xD;&#xA;&#xD;&#xA; Text  
Keywords Type&#xD;&#xA; It's a roll-on tube  
roll-on ball&#xD;&#xA; It is barrel barrel  
barr&#xD;&#xA; An unknown shape  
others&#xD;&#xA; it's a assembly assembly  
assembly&#xD;&#xA; it's a sealing assembly assembly  
factory&#xD;&#xA; its a roll-on double roll-on  
factory&#xD;&#xA;&#xD;&#xA;I have first found out the keywords, and based on the  
keyword and its corresponding type, it should true or  
false&#xD;&#xA;&#xD;&#xA;For example,&#xD;&#xA;when the keyword is roll-on , the  
type should be &quot;ball&quot; or &quot;others&quot;&#xD;&#xA;when the keyword  
is barrel, the type should be &quot;barr&quot; or  
&quot;others&quot;&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;Output&#xD;&#xA;&#xD;&#xA;  
--> Word Count (261)  
UserId="77982" --> Word Count (15)  
UserId="77982" --> Word Count (1)  
UserId="51714" Comment="added 192 characters in body" --> Word Count (179)  
UserId="65128" --> Word Count (39)  
UserId="45374" --> Word Count (85)  
UserId="58635" --> Word Count (153)  
UserId="58635" --> Word Count (16)  
UserId="58635" --> Word Count (1)  
UserId="77102" --> Word Count (25)  
UserId="77102" --> Word Count (7)  
UserId="77102" --> Word Count (1)  
UserId="77990" --> Word Count (135)  
UserId="77990" --> Word Count (8)  
UserId="77990" --> Word Count (1)  
UserId="68023" --> Word Count (196)  
UserId="68023" --> Word Count (10)  
UserId="68023" --> Word Count (1)  
UserId="69384" --> Word Count (21)  
UserId="69384" --> Word Count (7)  
UserId="69384" --> Word Count (1)  
UserId="63487" --> Word Count (175)  
UserId="63487" --> Word Count (7)  
UserId="63487" --> Word Count (1)  
UserId="77992" --> Word Count (114)  
UserId="77992" --> Word Count (10)  
UserId="77992" --> Word Count (1)  
UserId="77993" --> Word Count (231)  
UserId="77993" --> Word Count (8)  
UserId="77993" --> Word Count (1)  
UserId="73209" Comment="added 2 characters in body" Text="You have several good

tutorials on the web :&#xD;&#xA;&#xD;&#xA;https://www.kaggle.com/poonaml/text-classification-using-spacy&#xD;&#xA;&#xD;&#xA;Basically, you have to :

&#xD;&#xA;&#xD;&#xA;1. Import the data in python, here POSITIVE is the variable to predict and 0 and 1 are the 2 encoded classes.&#xD;&#xA;```&#xD;&#xA;TRAIN\_DATA = [(Text1, {'cats': {'POSITIVE': 1}})],&#xD;&#xA;( --> Word Count (177)

UserId="65131" --> Word Count (152)

UserId="29575" Comment="105" --> Word Count (2)

UserId="67366" Comment="Improved title formatting, corrected spelling" --> Word Count (29)

UserId="67366" Comment="Improved title formatting, corrected spelling" --> Word Count (7)

UserId="29575" Comment="101" --> Word Count (2)

UserId="58196" --> Word Count (70)

UserId="58196" --> Word Count (19)

UserId="58196" --> Word Count (1)

UserId="27983" --> Word Count (36)

UserId="59004" --> Word Count (107)

UserId="59004" --> Word Count (9)

UserId="59004" --> Word Count (1)

UserId="77997" --> Word Count (304)

UserId="77997" --> Word Count (6)

UserId="77997" --> Word Count (1)

UserId="25180" Comment="broken image fixed (click 'rendered output' or 'side-by-side' to see the difference; image retrieved via Wayback Machine); for more info, see https://gist.github.com/Glorfindel83/9d954d34385d2ac2597bbe864466259f" --> Word Count (209)

UserId="201" --> Word Count (123)

UserId="201" --> Word Count (13)

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UserId="78000" --> Word Count (103)

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UserId="57564" --> Word Count (69)

UserId="57564" --> Word Count (6)

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UserId="28685" --> Word Count (56)

UserId="77993" Comment="added 3 characters in body" --> Word Count (231)

UserId="2813" --> Word Count (179)

UserId="2813" --> Word Count (11)

UserId="2813" --> Word Count (1)

UserId="78004" --> Word Count (304)

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UserId="78004" Comment="deleted 86 characters in body" --> Word Count (242)

UserId="78004" Comment="added 104 characters in body" --> Word Count (253)

UserId="77984" --> Word Count (35)

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 UserId="57015" --> Word Count (1)  
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 --> Word Count (56)  
 UserId="56354" Comment="deleted 2 characters in body; edited tags; edited title"  
 --> Word Count (6)  
 UserId="56354" Comment="deleted 2 characters in body; edited tags; edited title"  
 --> Word Count (1)  
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 UserId="78007" Comment="added 12 characters in body" --> Word Count (103)  
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 UserId="77984" --> Word Count (287)  
 UserId="77984" --> Word Count (8)  
 UserId="77984" --> Word Count (1)  
 UserId="75124" --> Word Count (255)  
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 UserId="75124" --> Word Count (1)  
 UserId="76546" Comment="improve readability" --> Word Count (35)  
 UserId="52196" Comment="improved formatting" --> Word Count (65)  
 UserId="71442" --> Word Count (59)  
 UserId="71442" --> Word Count (7)  
 UserId="71442" --> Word Count (1)  
 UserId="75152" --> Word Count (191)  
 UserId="64377" --> Word Count (102)  
 UserId="64377" Comment="added 5 characters in body" --> Word Count (103)  
 UserId="26211" Comment="Spelling, Removed additional comments" --> Word Count  
 (191)  
 UserId="26562" Comment="Spelling, Removed additional comments" --> Word Count  
 (189)  
 UserId="26211" Comment="Formatting, removed additional comments" --> Word Count  
 (46)  
 UserId="26562" Comment="Formatting, removed additional comments" --> Word Count  
 (45)  
 UserId="56354" Comment="added 438 characters in body" --> Word Count (280)  
 UserId="55122" Comment="grammar" --> Word Count (189)  
 UserId="73919" --> Word Count (111)  
 UserId="73919" --> Word Count (11)

UserId="73919" --> Word Count (1)  
 UserId="77471" --> Word Count (125)  
 UserId="77471" --> Word Count (9)  
 UserId="77471" --> Word Count (1)  
 UserId="78010" --> Word Count (86)  
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 UserId="78010" --> Word Count (1)  
 UserId="78015" --> Word Count (83)  
 UserId="78015" --> Word Count (13)  
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 UserId="26562" Comment="Fix formatting" --> Word Count (83)  
 UserId="26562" --> Word Count (172)  
 UserId="63445" Comment="Errors should have been  $e = p - y$ , not  $e = y - p$ , else the interpretation of ME is inverted" --> Word Count (384)  
 UserId="26211" Comment="Formatting, removed additional comments" --> Word Count (46)  
 UserId="26211" Comment="Formatting, removed additional comments" --> Word Count (92)  
 UserId="26211" Comment="Formatting, removed additional comments" --> Word Count (78)  
 UserId="29169" Comment="Fixed formatting for answer links." --> Word Count (104)  
 UserId="29169" Comment="formatting corrections for code etc." --> Word Count (100)  
 UserId="29169" Comment="minor changes" --> Word Count (103)  
 UserId="29169" Comment="minor changes" --> Word Count (7)  
 UserId="77745" --> Word Count (209)  
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 UserId="77356" --> Word Count (93)  
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 UserId="77356" --> Word Count (1)  
 UserId="69822" Comment="deleted 4 characters in body" --> Word Count (99)  
 UserId="77992" Comment="edited tags" --> Word Count (1)  
 UserId="78030" --> Word Count (378)  
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 UserId="67316" --> Word Count (635)  
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 UserId="77992" Comment="added 31 characters in body" --> Word Count (114)  
 UserId="69822" --> Word Count (36)  
 UserId="78035" --> Word Count (37)  
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 UserId="73912" --> Word Count (5)  
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 UserId="69822" --> Word Count (32)  
 UserId="77428" --> Word Count (241)  
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 UserId="77428" --> Word Count (1)  
 UserId="74397" --> Word Count (34)  
 UserId="74397" --> Word Count (11)  
 UserId="74397" --> Word Count (1)  
 UserId="64188" Comment="edited body" --> Word Count (60)  
 UserId="78039" --> Word Count (261)  
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 UserId="69822" Comment="added 11 characters in body" --> Word Count (34)  
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 UserId="69822" --> Word Count (102)  
 UserId="77428" Comment="added 61 characters in body" --> Word Count (251)  
 UserId="71246" --> Word Count (91)  
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 UserId="29575" Comment="Minor formatting" --> Word Count (55)  
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 UserId="67366" Comment="Corrected, spelling, syntax, title and grammar" --> Word Count (100)  
 UserId="67366" Comment="Corrected, spelling, syntax, title and grammar" --> Word Count (21)  
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 UserId="924" --> Word Count (22)  
 UserId="78052" --> Word Count (68)  
 UserId="78050" --> Word Count (201)  
 UserId="78050" --> Word Count (8)  
 UserId="78050" --> Word Count (1)  
 UserId="78016" Comment="Updated results based on comments." --> Word Count (624)  
 UserId="62938" --> Word Count (6)  
 UserId="62938" Comment="Added code" --> Word Count (1622)  
 UserId="71219" --> Word Count (156)  
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 UserId="74301" --> Word Count (1)  
 UserId="60105" --> Word Count (225)  
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 UserId="60105" --> Word Count (1)  
 UserId="76811" --> Word Count (127)  
 UserId="76811" --> Word Count (10)  
 UserId="76811" --> Word Count (1)  
 UserId="23305" Comment="102" --> Word Count (1)  
 UserId="65153" Comment="fixed code and tried other method" --> Word Count (343)  
 UserId="77992" Comment="added 336 characters in body" --> Word Count (170)  
 UserId="76023" --> Word Count (79)  
 UserId="76023" --> Word Count (10)  
 UserId="76023" --> Word Count (1)  
 UserId="78004" Comment="added explanation who the code works " --> Word Count (289)  
 UserId="78038" --> Word Count (77)  
 UserId="78038" --> Word Count (14)  
 UserId="78038" --> Word Count (1)  
 UserId="76023" Comment="deleted 4 characters in body; edited title" --> Word Count (79)



UserId="76023" Comment="deleted 4 characters in body; edited title" --> Word Count (10)  
UserId="73441" --> Word Count (32)  
UserId="76023" Comment="added 568 characters in body" --> Word Count (315)  
UserId="56354" --> Word Count (18)  
UserId="77950" Comment="Removing round brackets from the data" --> Word Count (83)  
UserId="60105" Comment="added 121 characters in body" --> Word Count (252)  
UserId="64377" --> Word Count (41)  
UserId="67437" --> Word Count (216)  
UserId="67437" --> Word Count (8)  
UserId="67437" --> Word Count (1)  
UserId="56354" --> Word Count (41)  
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UserId="65131" --> Word Count (91)  
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UserId="61884" --> Word Count (4)  
UserId="61884" --> Word Count (1)  
UserId="29889" --> Word Count (537)  
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UserId="29169" Comment="minor changes" --> Word Count (11)  
UserId="23305" Comment="105" --> Word Count (1)  
UserId="39011" Comment="added 432 characters in body" --> Word Count (170)  
UserId="74301" Comment="edited body" --> Word Count (83)  
UserId="74301" Comment="edited body" --> Word Count (84)  
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UserId="77116" --> Word Count (51)  
UserId="108" --> Word Count (67)  
UserId="78064" --> Word Count (216)  
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UserId="78058" --> Word Count (436)  
UserId="65817" --> Word Count (135)  
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UserId="65817" --> Word Count (1)  
UserId="65128" Comment="deleted 26 characters in body" --> Word Count (34)  
UserId="23305" Comment="added 15 characters in body" --> Word Count (20)  
UserId="60379" --> Word Count (68)  
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UserId="67437" --> Word Count (1127)  
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 UserId="78078" --> Word Count (243)  
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 UserId="78078" --> Word Count (1)  
 UserId="78078" Comment="Edit spacing" --> Word Count (252)  
 UserId="47371" --> Word Count (637)  
 UserId="78082" --> Word Count (74)  
 UserId="78082" --> Word Count (22)  
 UserId="78082" --> Word Count (1)  
 UserId="56996" --> Word Count (253)  
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 UserId="56996" --> Word Count (1)  
 UserId="78078" Comment="edited tags" --> Word Count (1)  
 UserId="75738" --> Word Count (110)  
 UserId="56996" Comment="added 3 characters in body" --> Word Count (254)  
 UserId="65128" Comment="added 7 characters in body" --> Word Count (34)  
 UserId="76484" --> Word Count (766)  
 UserId="76484" --> Word Count (12)  
 UserId="76484" --> Word Count (1)  
 UserId="78078" Comment="Correction of description" --> Word Count (262)  
 UserId="71907" --> Word Count (44)  
 UserId="71907" --> Word Count (10)  
 UserId="71907" --> Word Count (1)  
 UserId="836" --> Word Count (350)  
 UserId="78089" --> Word Count (36)  
 UserId="78089" --> Word Count (9)  
 UserId="78089" --> Word Count (1)  
 UserId="836" Comment="added 251 characters in body" --> Word Count (377)  
 UserId="60379" Comment="Update:In-sample code sample added" --> Word Count (130)  
 UserId="78078" Comment="Misrepresentation of repeated sequences " --> Word Count (257)  
 UserId="64377" --> Word Count (152)

UserId="75260" --> Word Count (44)  
 UserId="75260" --> Word Count (11)  
 UserId="75260" --> Word Count (1)  
 UserId="56996" Comment="added 106 characters in body" --> Word Count (272)  
 UserId="26211" Comment="Formatting, removed additional comments" --> Word Count (149)  
 UserId="29575" Comment="Minor formatting" --> Word Count (309)  
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 UserId="29575" Comment="Minor formatting" --> Word Count (3)  
 UserId="108" --> Word Count (75)  
 UserId="71442" --> Word Count (163)  
 UserId="67437" --> Word Count (112)  
 UserId="67437" --> Word Count (10)  
 UserId="67437" --> Word Count (1)  
 UserId="78098" --> Word Count (110)  
 UserId="77356" Comment="added 1474 characters in body" --> Word Count (315)  
 UserId="71442" --> Word Count (279)  
 UserId="71442" --> Word Count (6)  
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 UserId="76484" --> Word Count (167)  
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 UserId="77251" --> Word Count (2271)  
 UserId="77251" --> Word Count (6)  
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 UserId="66759" --> Word Count (349)  
 UserId="66759" --> Word Count (8)  
 UserId="66759" --> Word Count (1)  
 UserId="66759" Comment="added 68 characters in body" --> Word Count (358)  
 UserId="924" --> Word Count (14)  
 UserId="108" --> Word Count (113)  
 UserId="64019" --> Word Count (165)  
 UserId="64019" --> Word Count (4)  
 UserId="64019" --> Word Count (1)  
 UserId="78105" --> Word Count (60)  
 UserId="78105" Comment="added 189 characters in body" --> Word Count (82)  
 UserId="70814" --> Word Count (74)  
 UserId="70814" --> Word Count (3)  
 UserId="70814" --> Word Count (1)  
 UserId="50266" --> Word Count (127)  
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 UserId="50266" --> Word Count (1)  
 UserId="45264" --> Word Count (91)  
 UserId="45264" Comment="Added some links." --> Word Count (152)  
 UserId="78107" --> Word Count (114)  
 UserId="73912" --> Word Count (2540)  
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 UserId="73912" --> Word Count (1)

UserId="77251" Comment="tags" --> Word Count (1)  
 UserId="64377" --> Word Count (298)  
 UserId="29169" Comment="latex formatting" --> Word Count (192)  
 UserId="68025" Comment="added 9 characters in body" --> Word Count (181)  
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 UserId="42242" --> Word Count (7)  
 UserId="42242" --> Word Count (1)  
 UserId="68025" Comment="added 10 characters in body" --> Word Count (194)  
 UserId="68025" Comment="added 10 characters in body" --> Word Count (1)  
 UserId="73919" --> Word Count (139)  
 UserId="73919" --> Word Count (18)  
 UserId="73919" --> Word Count (1)  
 UserId="68025" --> Word Count (103)  
 UserId="38892" --> Word Count (21)  
 UserId="73919" Comment="added 212 characters in body" --> Word Count (173)  
 UserId="73919" Comment="added 212 characters in body" --> Word Count (1)  
 UserId="69646" Comment="added 518 characters in body" --> Word Count (623)  
 UserId="78113" --> Word Count (146)  
 UserId="78113" --> Word Count (7)  
 UserId="78113" --> Word Count (1)  
 UserId="69646" Comment="added 83 characters in body" --> Word Count (631)  
 UserId="69646" Comment="changed title to reflect answer given" --> Word Count (11)  
 UserId="32288" --> Word Count (145)  
 UserId="29169" Comment="grammar etc." --> Word Count (47)  
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 UserId="74543" --> Word Count (108)  
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 UserId="74543" Comment="added 100 characters in body" --> Word Count (126)  
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 UserId="29169" Comment="formatting etc." --> Word Count (126)  
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 UserId="78102" Comment="deleted 3 characters in body" --> Word Count (161)  
 UserId="77295" Comment="added 279 characters in body" --> Word Count (224)  
 UserId="78121" --> Word Count (585)  
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 UserId="78121" --> Word Count (1)

UserId="78102" Comment="edited title" --> Word Count (9)  
 UserId="45264" --> Word Count (787)  
 UserId="78120" --> Word Count (139)  
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 UserId="45264" Comment="added 847 characters in body" --> Word Count (1089)  
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 UserId="71442" --> Word Count (236)  
 UserId="78129" --> Word Count (144)  
 UserId="64377" Comment="added 1164 characters in body" --> Word Count (259)  
 UserId="78131" --> Word Count (90)  
 UserId="78131" --> Word Count (14)  
 UserId="78131" --> Word Count (1)  
 UserId="52291" --> Word Count (115)  
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 UserId="78133" --> Word Count (144)  
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 UserId="78133" --> Word Count (1)  
 UserId="64981" --> Word Count (52)  
 UserId="29575" Comment="Minor formatting" --> Word Count (39)  
 UserId="7812" --> Word Count (53)  
 UserId="7812" --> Word Count (5)  
 UserId="7812" --> Word Count (1)  
 UserId="55122" Comment="added 769 characters in body" --> Word Count (354)  
 UserId="78134" --> Word Count (118)  
 UserId="78134" --> Word Count (12)  
 UserId="78134" --> Word Count (1)  
 UserId="51129" --> Word Count (40)  
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 UserId="17907" --> Word Count (135)

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 UserId="55122" Comment="add class-imbalance tag" --> Word Count (1)  
 UserId="76484" --> Word Count (699)  
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 UserId="60379" --> Word Count (13)  
 UserId="60379" --> Word Count (1)  
 UserId="836" --> Word Count (331)  
 UserId="836" Comment="edited body" --> Word Count (331)  
 UserId="924" --> Word Count (55)  
 UserId="58090" --> Word Count (185)  
 UserId="75088" --> Word Count (154)  
 UserId="75088" --> Word Count (4)  
 UserId="75088" --> Word Count (1)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (134)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (101)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (1)  
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 UserId="76527" --> Word Count (118)  
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 UserId="76527" --> Word Count (1)  
 UserId="77251" Comment="Requested by commenter" --> Word Count (2557)  
 UserId="55122" Comment="added 377 characters in body" --> Word Count (107)  
 UserId="78150" --> Word Count (1533)  
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 UserId="64377" Comment="edited body" --> Word Count (298)  
 UserId="64377" --> Word Count (129)  
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 UserId="23305" Comment="102" --> Word Count (1)  
 UserId="78120" Comment="edited tags" --> Word Count (1)  
 UserId="68025" Comment="Added references" --> Word Count (266)  
 UserId="10088" --> Word Count (270)  
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 UserId="10088" --> Word Count (1)  
 UserId="78150" Comment="edited tags" --> Word Count (1)  
 UserId="65447" --> Word Count (41)  
 UserId="65447" --> Word Count (23)  
 UserId="65447" --> Word Count (1)  
 UserId="65447" Comment="added 2 characters in body" --> Word Count (42)  
 UserId="55122" --> Word Count (161)  
 UserId="55122" Comment="formatting, unbalanced-classes tag" --> Word Count (167)  
 UserId="55122" Comment="formatting, unbalanced-classes tag" --> Word Count (1)

UserId="78159" --> Word Count (332)  
 UserId="78160" --> Word Count (111)  
 UserId="78160" --> Word Count (13)  
 UserId="78160" --> Word Count (1)  
 UserId="29169" Comment="minor edits" --> Word Count (41)  
 UserId="67316" --> Word Count (250)  
 UserId="67316" --> Word Count (11)  
 UserId="67316" --> Word Count (1)  
 UserId="78165" --> Word Count (145)  
 UserId="78165" --> Word Count (6)  
 UserId="78165" --> Word Count (1)  
 UserId="78165" Comment="added 57 characters in body" --> Word Count (147)  
 UserId="8752" Comment="Reformat the data" --> Word Count (252)  
 UserId="29169" Comment="clarity changes" --> Word Count (59)  
 UserId="27983" --> Word Count (83)  
 UserId="78167" --> Word Count (116)  
 UserId="78167" --> Word Count (8)  
 UserId="78167" --> Word Count (1)  
 UserId="74397" --> Word Count (146)  
 UserId="77881" --> Word Count (205)  
 UserId="77881" --> Word Count (7)  
 UserId="77881" --> Word Count (1)  
 UserId="78170" --> Word Count (14)  
 UserId="78170" --> Word Count (18)  
 UserId="78170" --> Word Count (1)  
 UserId="63906" --> Word Count (48)  
 UserId="63906" Comment="Adding an example" --> Word Count (91)  
 UserId="78172" --> Word Count (71)  
 UserId="78172" --> Word Count (11)  
 UserId="78172" --> Word Count (1)  
 UserId="78172" Comment="edited tags" --> Word Count (1)  
 UserId="74397" --> Word Count (46)  
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 UserId="73441" --> Word Count (99)  
 UserId="78172" --> Word Count (68)  
 UserId="78172" --> Word Count (12)  
 UserId="78172" --> Word Count (1)  
 UserId="68013" --> Word Count (117)  
 UserId="68013" --> Word Count (9)  
 UserId="68013" --> Word Count (1)  
 UserId="68013" Comment="edited tags" --> Word Count (1)  
 UserId="73441" --> Word Count (30)  
 UserId="68013" Comment="deleted 103 characters in body" --> Word Count (96)  
 UserId="73502" --> Word Count (541)  
 UserId="73502" --> Word Count (3)  
 UserId="73502" --> Word Count (1)

UserId="75260" --> Word Count (25)  
 UserId="75260" --> Word Count (22)  
 UserId="75260" --> Word Count (1)  
 UserId="29575" Comment="Minor grammar" --> Word Count (18)  
 UserId="45610" --> Word Count (88)  
 UserId="45610" --> Word Count (4)  
 UserId="45610" --> Word Count (1)  
 UserId="59033" --> Word Count (1231)  
 UserId="59033" --> Word Count (6)  
 UserId="59033" --> Word Count (1)  
 UserId="76811" --> Word Count (90)  
 UserId="76811" Text="Spacy" --> Word Count (4)  
 UserId="76811" --> Word Count (1)  
 UserId="44456" --> Word Count (223)  
 UserId="76546" --> Word Count (77)  
 UserId="55122" --> Word Count (27)  
 UserId="55122" Comment="formatting code" --> Word Count (79)  
 UserId="76546" --> Word Count (30)  
 UserId="73502" Comment="add data types and some content" --> Word Count (1035)  
 UserId="76811" Comment="edited to show my code" --> Word Count (436)  
 UserId="78187" --> Word Count (76)  
 UserId="44456" Comment="typo" --> Word Count (222)  
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 UserId="71116" --> Word Count (50)  
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 UserId="78192" --> Word Count (1)  
 UserId="76546" Comment="improve readability" --> Word Count (189)  
 UserId="45610" --> Word Count (25)  
 UserId="45610" --> Word Count (6)  
 UserId="45610" --> Word Count (1)  
 UserId="51129" --> Word Count (39)  
 UserId="51129" --> Word Count (16)  
 UserId="51129" --> Word Count (1)  
 UserId="18588" --> Word Count (193)  
 UserId="18588" --> Word Count (7)  
 UserId="18588" --> Word Count (1)  
 UserId="64377" --> Word Count (54)  
 UserId="29781" --> Word Count (104)  
 UserId="55122" --> Word Count (76)



UserId="67110" --> Word Count (168)  
 UserId="67110" --> Word Count (9)  
 UserId="67110" --> Word Count (1)  
 UserId="77615" --> Word Count (115)  
 UserId="78159" Comment="added 3 characters in body" --> Word Count (334)  
 UserId="42402" --> Word Count (73)  
 UserId="42402" --> Word Count (6)  
 UserId="42402" --> Word Count (1)  
 UserId="78209" --> Word Count (101)  
 UserId="78209" --> Word Count (13)  
 UserId="78209" --> Word Count (1)  
 UserId="64377" --> Word Count (190)  
 UserId="32926" --> Word Count (109)  
 UserId="78059" --> Word Count (80)  
 UserId="78059" --> Word Count (6)  
 UserId="78059" --> Word Count (1)  
 UserId="78212" Comment="Fixed the syntax and structure of the question." -->  
 Word Count (113)  
 UserId="78212" Comment="Fixed the syntax and structure of the question." -->  
 Word Count (5)  
 UserId="78059" Comment="added 283 characters in body" --> Word Count (105)  
 UserId="78213" --> Word Count (42)  
 UserId="78209" Comment="added 59 characters in body" --> Word Count (116)  
 UserId="924" --> Word Count (167)  
 UserId="74421" Comment="added backpacks" --> Word Count (115)  
 UserId="924" Comment="added 300 characters in body" --> Word Count (221)  
 UserId="34269" --> Word Count (701)  
 UserId="67412" --> Word Count (38)  
 UserId="64377" Comment="added 2680 characters in body" --> Word Count (763)  
 UserId="67412" --> Word Count (63)  
 UserId="65447" --> Word Count (69)  
 UserId="65447" --> Word Count (14)  
 UserId="65447" --> Word Count (1)  
 UserId="76902" --> Word Count (79)  
 UserId="76902" --> Word Count (6)  
 UserId="76902" --> Word Count (1)  
 UserId="37932" --> Word Count (165)  
 UserId="37932" --> Word Count (13)  
 UserId="37932" --> Word Count (1)  
 UserId="29575" Comment="Minor formatting" --> Word Count (117)  
 UserId="62938" --> Word Count (2582)  
 UserId="62938" --> Word Count (9)  
 UserId="62938" --> Word Count (1)  
 UserId="26562" Comment="formatting" --> Word Count (73)  
 UserId="58430" Comment="Improved grammar, modified for clarity." --> Word Count  
 (81)  
 UserId="77698" --> Word Count (81)  
 UserId="77698" --> Word Count (14)

UserId="77698" --> Word Count (1)  
 UserId="46129" --> Word Count (56)  
 UserId="46129" --> Word Count (4)  
 UserId="46129" --> Word Count (1)  
 UserId="77977" --> Word Count (96)  
 UserId="78223" --> Word Count (424)  
 UserId="78222" --> Word Count (295)  
 UserId="78222" --> Word Count (5)  
 UserId="78222" --> Word Count (1)  
 UserId="77977" --> Word Count (69)  
 UserId="77977" --> Word Count (9)  
 UserId="77977" --> Word Count (1)  
 UserId="38892" --> Word Count (29)  
 UserId="73441" Comment="added 1069 characters in body" --> Word Count (274)  
 UserId="32243" --> Word Count (216)  
 UserId="32243" --> Word Count (6)  
 UserId="32243" --> Word Count (1)  
 UserId="58135" --> Word Count (58)  
 UserId="65447" --> Word Count (70)  
 UserId="76411" --> Word Count (124)  
 UserId="76411" --> Word Count (11)  
 UserId="76411" --> Word Count (1)  
 UserId="45603" --> Word Count (193)  
 UserId="45603" --> Word Count (10)  
 UserId="45603" --> Word Count (1)  
 UserId="78143" --> Word Count (150)  
 UserId="78143" --> Word Count (13)  
 UserId="78143" --> Word Count (1)  
 UserId="74421" Comment="backtick spaces, code alignment, etc." --> Word Count (129)  
 UserId="78143" Comment="added 240 characters in body" --> Word Count (196)  
 UserId="65131" --> Word Count (40)  
 UserId="71907" --> Word Count (164)  
 UserId="71907" --> Word Count (6)  
 UserId="71907" --> Word Count (1)  
 UserId="71907" Comment="added 2 characters in body" --> Word Count (164)  
 UserId="75738" --> Word Count (48)  
 UserId="75738" --> Word Count (10)  
 UserId="75738" --> Word Count (1)  
 UserId="38892" Comment="added 1 character in body" --> Word Count (69)  
 UserId="27983" --> Word Count (158)  
 UserId="78231" --> Word Count (208)  
 UserId="78231" --> Word Count (17)  
 UserId="78231" --> Word Count (1)  
 UserId="74421" Comment="added spaces, backticks, etc." --> Word Count (177)  
 UserId="26562" Comment="formatting" --> Word Count (177)  
 UserId="69670" --> Word Count (106)  
 UserId="34269" --> Word Count (117)

UserId="78232" --> Word Count (217)  
 UserId="78232" --> Word Count (11)  
 UserId="78232" --> Word Count (1)  
 UserId="78233" --> Word Count (143)  
 UserId="78233" --> Word Count (12)  
 UserId="78233" --> Word Count (1)  
 UserId="76631" Comment="added 4041 characters in body" --> Word Count (951)  
 UserId="69822" --> Word Count (75)  
 UserId="52291" Comment="Formatting and some wordings" --> Word Count (153)  
 UserId="27983" --> Word Count (46)  
 UserId="45610" Comment="added 870 characters in body" --> Word Count (161)  
 UserId="26562" Comment="deleted 3 characters in body" --> Word Count (142)  
 UserId="49496" --> Word Count (3147)  
 UserId="49496" --> Word Count (5)  
 UserId="49496" --> Word Count (1)  
 UserId="49456" --> Word Count (123)  
 UserId="49456" --> Word Count (5)  
 UserId="49456" --> Word Count (1)  
 UserId="77496" Comment="added 186 characters in body" --> Word Count (523)  
 UserId="73919" --> Word Count (223)  
 UserId="73919" --> Word Count (22)  
 UserId="73919" --> Word Count (1)  
 UserId="77566" --> Word Count (300)  
 UserId="77566" --> Word Count (6)  
 UserId="77566" --> Word Count (1)  
 UserId="74719" --> Word Count (52)  
 UserId="76070" --> Word Count (128)  
 UserId="76070" --> Word Count (4)  
 UserId="76070" --> Word Count (1)  
 UserId="77444" --> Word Count (148)  
 UserId="77444" --> Word Count (11)  
 UserId="77444" --> Word Count (1)  
 UserId="64377" --> Word Count (21)  
 UserId="73919" Comment="edited tags" --> Word Count (1)  
 UserId="64019" --> Word Count (145)  
 UserId="64019" --> Word Count (5)  
 UserId="64019" --> Word Count (1)  
 UserId="45610" Comment="deleted 25 characters in body" --> Word Count (155)  
 UserId="78069" --> Word Count (196)  
 UserId="78069" --> Word Count (13)  
 UserId="78069" --> Word Count (1)  
 UserId="67110" Comment="Edited to give more information about the problem. "  
 --> Word Count (302)  
 UserId="57708" --> Word Count (295)  
 UserId="57708" --> Word Count (12)  
 UserId="57708" --> Word Count (1)  
 UserId="30385" --> Word Count (319)  
 UserId="74261" --> Word Count (193)

UserId="74261" --> Word Count (4)  
 UserId="74261" --> Word Count (1)  
 UserId="77990" --> Word Count (82)  
 UserId="77990" --> Word Count (6)  
 UserId="77990" --> Word Count (1)  
 UserId="73209" --> Word Count (86)  
 UserId="71442" --> Word Count (1518)  
 UserId="73209" --> Word Count (46)  
 UserId="78250" --> Word Count (97)  
 UserId="78250" --> Word Count (11)  
 UserId="78250" --> Word Count (1)  
 UserId="49496" Comment="deleted 11073 characters in body" --> Word Count (66)  
 UserId="78251" --> Word Count (1080)  
 UserId="78251" --> Word Count (8)  
 UserId="78251" --> Word Count (1)  
 UserId="77990" Comment="deleted 2 characters in body" --> Word Count (81)  
 UserId="76546" --> Word Count (272)  
 UserId="62446" --> Word Count (110)  
 UserId="62446" --> Word Count (7)  
 UserId="62446" --> Word Count (1)  
 UserId="47286" --> Word Count (417)  
 UserId="78234" --> Word Count (168)  
 UserId="78234" --> Word Count (13)  
 UserId="78234" --> Word Count (1)  
 UserId="67412" --> Word Count (103)  
 UserId="62446" Comment="added 4 characters in body" --> Word Count (110)  
 UserId="67412" Comment="added 494 characters in body" --> Word Count (165)  
 UserId="70779" --> Word Count (1093)  
 UserId="70779" --> Word Count (11)  
 UserId="70779" --> Word Count (1)  
 UserId="74003" --> Word Count (59)  
 UserId="65133" --> Word Count (94)  
 UserId="65133" --> Word Count (8)  
 UserId="65133" --> Word Count (1)  
 UserId="67412" --> Word Count (141)  
 UserId="30385" --> Word Count (259)  
 UserId="52971" --> Word Count (132)  
 UserId="52971" --> Word Count (6)  
 UserId="52971" --> Word Count (1)  
 UserId="23305" --> Word Count (182)  
 UserId="78159" Comment="deleted 3 characters in body" --> Word Count (333)  
 UserId="45703" --> Word Count (46)  
 UserId="43193" --> Word Count (319)  
 UserId="43193" --> Word Count (14)  
 UserId="43193" --> Word Count (1)  
 UserId="69384" --> Word Count (17)  
 UserId="69384" --> Word Count (5)  
 UserId="69384" --> Word Count (1)

UserId="43193" Comment="added 79 characters in body" --> Word Count (333)  
 UserId="78264" --> Word Count (199)  
 UserId="78264" --> Word Count (16)  
 UserId="78264" --> Word Count (1)  
 UserId="78267" --> Word Count (43)  
 UserId="78267" --> Word Count (14)  
 UserId="78267" --> Word Count (1)  
 UserId="78267" --> Word Count (96)  
 UserId="74497" --> Word Count (155)  
 UserId="74497" --> Word Count (16)  
 UserId="74497" --> Word Count (1)  
 UserId="78219" --> Word Count (170)  
 UserId="77525" --> Word Count (503)  
 UserId="77525" --> Word Count (20)  
 UserId="77525" --> Word Count (1)  
 UserId="53001" --> Word Count (544)  
 UserId="53001" --> Word Count (5)  
 UserId="53001" --> Word Count (1)  
 UserId="78219" --> Word Count (70)  
 UserId="78219" Comment="deleted 4 characters in body" --> Word Count (168)  
 UserId="67412" --> Word Count (77)  
 UserId="78269" --> Word Count (91)  
 UserId="78269" --> Word Count (13)  
 UserId="78269" --> Word Count (1)  
 UserId="78269" Comment="edited title" --> Word Count (24)  
 UserId="37363" --> Word Count (126)  
 UserId="37363" --> Word Count (8)  
 UserId="37363" --> Word Count (1)  
 UserId="67412" Comment="added 1574 characters in body" --> Word Count (451)  
 UserId="67412" Comment="deleted 8 characters in body" --> Word Count (450)  
 UserId="78274" --> Word Count (78)  
 UserId="78274" --> Word Count (4)  
 UserId="78274" --> Word Count (1)  
 UserId="78270" Comment="It is a better answer to the question as the current answer was not up to date with the technology" --> Word Count (51)  
 UserId="26562" Comment="It is a better answer to the question as the current answer was not up to date with the technology" --> Word Count (51)  
 UserId="78276" --> Word Count (247)  
 UserId="78276" --> Word Count (8)  
 UserId="78276" --> Word Count (1)  
 UserId="23305" Comment="added 1 character in body" --> Word Count (182)  
 UserId="78277" --> Word Count (161)  
 UserId="78277" --> Word Count (6)  
 UserId="78277" --> Word Count (1)  
 UserId="78276" Comment="Added more detail." --> Word Count (284)  
 UserId="63933" --> Word Count (64)  
 UserId="74421" --> Word Count (593)  
 UserId="32243" Comment="added 359 characters in body" --> Word Count (275)

UserId="73919" Comment="edited body; edited tags" --> Word Count (223)  
 UserId="73919" Comment="edited body; edited tags" --> Word Count (1)  
 UserId="55122" Comment="add code example" --> Word Count (520)  
 UserId="55122" Comment="added 144 characters in body" --> Word Count (543)  
 UserId="78279" --> Word Count (2701)  
 UserId="78279" --> Word Count (13)  
 UserId="78279" --> Word Count (1)  
 UserId="78279" Comment="added 99 characters in body" --> Word Count (2719)  
 UserId="26019" Comment="edited body" --> Word Count (2723)  
 UserId="29575" Comment="104" --> Word Count (2)  
 UserId="78284" --> Word Count (105)  
 UserId="78284" --> Word Count (12)  
 UserId="78284" --> Word Count (1)  
 UserId="75738" --> Word Count (23)  
 UserId="75738" --> Word Count (4)  
 UserId="75738" --> Word Count (1)  
 UserId="77900" --> Word Count (69)  
 UserId="77900" Comment="added 128 characters in body" --> Word Count (89)  
 UserId="54754" --> Word Count (58)  
 UserId="54754" --> Word Count (14)  
 UserId="54754" --> Word Count (1)  
 UserId="24883" --> Word Count (523)  
 UserId="24883" --> Word Count (11)  
 UserId="24883" --> Word Count (1)  
 UserId="67412" --> Word Count (134)  
 UserId="78290" --> Word Count (194)  
 UserId="30385" --> Word Count (171)  
 UserId="77803" --> Word Count (162)  
 UserId="77803" --> Word Count (5)  
 UserId="77803" --> Word Count (1)  
 UserId="52971" Comment="edited title" --> Word Count (8)  
 UserId="65776" --> Word Count (126)  
 UserId="65776" --> Word Count (7)  
 UserId="65776" --> Word Count (1)  
 UserId="17484" --> Word Count (112)  
 UserId="17484" --> Word Count (15)  
 UserId="17484" --> Word Count (1)  
 UserId="65776" Comment="added 64 characters in body" --> Word Count (135)  
 UserId="69670" Comment="added 14 characters in body" --> Word Count (109)  
 UserId="67412" Comment="added 3 characters in body" --> Word Count (135)  
 UserId="74261" Comment="There are other fileds apart from 50 as well. Could you suggest if the regular expression need to change for this. At the moment I am getting NONE for the new column" --> Word Count (217)  
 UserId="74657" --> Word Count (130)  
 UserId="74657" --> Word Count (6)  
 UserId="74657" --> Word Count (1)  
 UserId="41929" --> Word Count (182)  
 UserId="41929" --> Word Count (12)

UserId="41929" --> Word Count (1)  
 UserId="41929" Comment="added 2 characters in body" --> Word Count (182)  
 UserId="41929" --> Word Count (106)  
 UserId="41929" --> Word Count (12)  
 UserId="41929" --> Word Count (1)  
 UserId="74261" Comment="displayed the data as it appears in lines" --> Word Count (445)  
 UserId="25163" --> Word Count (232)  
 UserId="25163" --> Word Count (8)  
 UserId="25163" --> Word Count (1)  
 UserId="41929" --> Word Count (167)  
 UserId="41929" --> Word Count (13)  
 UserId="41929" --> Word Count (1)  
 UserId="50796" --> Word Count (22)  
 UserId="836" --> Word Count (269)  
 UserId="66759" --> Word Count (60)  
 UserId="66759" --> Word Count (7)  
 UserId="66759" --> Word Count (1)  
 UserId="836" --> Word Count (282)  
 UserId="836" Comment="added 300 characters in body" --> Word Count (340)  
 UserId="77900" --> Word Count (116)  
 UserId="75942" --> Word Count (72)  
 UserId="52640" --> Word Count (346)  
 UserId="52640" --> Word Count (14)  
 UserId="52640" --> Word Count (1)  
 UserId="37184" --> Word Count (230)  
 UserId="52640" Comment="added 17 characters in body" --> Word Count (348)  
 UserId="62069" --> Word Count (161)  
 UserId="62069" --> Word Count (14)  
 UserId="62069" --> Word Count (1)  
 UserId="14675" --> Word Count (209)  
 UserId="78326" --> Word Count (126)  
 UserId="78326" --> Word Count (10)  
 UserId="78326" --> Word Count (1)  
 UserId="69822" --> Word Count (385)  
 UserId="69822" --> Word Count (10)  
 UserId="69822" --> Word Count (1)  
 UserId="41031" --> Word Count (28)  
 UserId="14675" Comment="added 5 characters in body" --> Word Count (210)  
 UserId="57076" --> Word Count (111)  
 UserId="57076" --> Word Count (11)  
 UserId="57076" --> Word Count (1)  
 UserId="78312" --> Word Count (49)  
 UserId="78312" --> Word Count (7)  
 UserId="78312" --> Word Count (1)  
 UserId="47286" Comment="added 2118 characters in body" --> Word Count (839)  
 UserId="23305" Comment="102" --> Word Count (1)  
 UserId="78284" --> Word Count (177)

UserId="78284" --> Word Count (14)  
 UserId="78284" --> Word Count (1)  
 UserId="64377" --> Word Count (102)  
 UserId="60379" --> Word Count (205)  
 UserId="60379" --> Word Count (17)  
 UserId="60379" --> Word Count (1)  
 UserId="64377" Comment="added link to the paper and page no" --> Word Count (54)  
 UserId="71442" Comment="added link to the paper and page no" --> Word Count (53)  
 UserId="24714" --> Word Count (410)  
 UserId="24714" --> Word Count (11)  
 UserId="24714" --> Word Count (1)  
 UserId="78282" --> Word Count (20)  
 UserId="78282" --> Word Count (16)  
 UserId="78282" --> Word Count (1)  
 UserId="78337" Comment="fixed grammar and formatting" --> Word Count (158)  
 UserId="78340" --> Word Count (333)  
 UserId="78340" --> Word Count (7)  
 UserId="78340" --> Word Count (1)  
 UserId="78343" --> Word Count (153)  
 UserId="78343" --> Word Count (5)  
 UserId="78343" --> Word Count (1)  
 UserId="78314" --> Word Count (117)  
 UserId="78314" --> Word Count (10)  
 UserId="78314" --> Word Count (1)  
 UserId="39011" Comment="fixed typo" --> Word Count (16)  
 UserId="54968" --> Word Count (153)  
 UserId="54968" --> Word Count (6)  
 UserId="54968" --> Word Count (1)  
 UserId="78343" Comment="added 18 characters in body" --> Word Count (157)  
 UserId="78343" Comment="added 18 characters in body" --> Word Count (183)  
 UserId="71442" --> Word Count (116)  
 UserId="78345" --> Word Count (116)  
 UserId="78345" --> Word Count (8)  
 UserId="78345" --> Word Count (1)  
 UserId="69785" --> Word Count (177)  
 UserId="69785" --> Word Count (5)  
 UserId="69785" --> Word Count (1)  
 UserId="24409" Comment="format code" --> Word Count (193)  
 UserId="65723" --> Word Count (98)  
 UserId="65723" --> Word Count (5)  
 UserId="65723" --> Word Count (1)  
 UserId="53961" --> Word Count (128)  
 UserId="53961" --> Word Count (7)  
 UserId="53961" --> Word Count (1)  
 UserId="74421" --> Word Count (12)  
 UserId="71222" --> Word Count (241)



UserId="71222" --> Word Count (19)  
 UserId="71222" --> Word Count (1)  
 UserId="74421" Comment="added language type, wrote code instead of the image"  
 --> Word Count (115)  
 UserId="29169" Comment="formatting corrections for readability" --> Word Count  
 (130)  
 UserId="78346" --> Word Count (98)  
 UserId="78015" Comment="added 302 characters in body" --> Word Count (96)  
 UserId="74421" Comment="added 8 characters in body" --> Word Count (593)  
 UserId="64377" --> Word Count (107)  
 UserId="64377" --> Word Count (370)  
 UserId="78349" --> Word Count (199)  
 UserId="78349" --> Word Count (9)  
 UserId="78349" --> Word Count (1)  
 UserId="18626" --> Word Count (110)  
 UserId="74421" --> Word Count (327)  
 UserId="74421" Comment="added 52 characters in body" --> Word Count (337)  
 UserId="73441" Comment="deleted 6 characters in body" --> Word Count (159)  
 UserId="18626" --> Word Count (146)  
 UserId="78350" --> Word Count (73)  
 UserId="78350" --> Word Count (15)  
 UserId="78350" --> Word Count (1)  
 UserId="18626" --> Word Count (129)  
 UserId="74421" Comment="added backpacks" --> Word Count (111)  
 UserId="55122" --> Word Count (33)  
 UserId="77121" --> Word Count (93)  
 UserId="77121" --> Word Count (10)  
 UserId="77121" --> Word Count (1)  
 UserId="67537" --> Word Count (85)  
 UserId="67537" --> Word Count (16)  
 UserId="67537" --> Word Count (1)  
 UserId="78354" --> Word Count (105)  
 UserId="78354" --> Word Count (12)  
 UserId="78354" --> Word Count (1)  
 UserId="78024" --> Word Count (233)  
 UserId="78024" --> Word Count (12)  
 UserId="78024" --> Word Count (1)  
 UserId="78159" Comment="deleted 2 characters in body" --> Word Count (333)  
 UserId="78159" --> Word Count (22)  
 UserId="69822" Comment="added 6 characters in body; edited tags" --> Word Count  
 (386)  
 UserId="69822" Comment="added 6 characters in body; edited tags" --> Word Count  
 (1)  
 UserId="78364" --> Word Count (366)  
 UserId="78364" --> Word Count (9)  
 UserId="78364" --> Word Count (1)  
 UserId="63011" --> Word Count (296)  
 UserId="63011" --> Word Count (14)

UserId="63011" --> Word Count (1)  
 UserId="73209" --> Word Count (58)  
 UserId="78363" --> Word Count (123)  
 UserId="78363" --> Word Count (7)  
 UserId="78363" --> Word Count (1)  
 UserId="69644" --> Word Count (94)  
 UserId="69644" --> Word Count (23)  
 UserId="69644" --> Word Count (1)  
 UserId="67437" --> Word Count (187)  
 UserId="67437" --> Word Count (11)  
 UserId="67437" --> Word Count (1)  
 UserId="68034" --> Word Count (79)  
 UserId="68034" --> Word Count (7)  
 UserId="68034" --> Word Count (1)  
 UserId="78372" --> Word Count (234)  
 UserId="78372" --> Word Count (13)  
 UserId="78372" --> Word Count (1)  
 UserId="54754" --> Word Count (27)  
 UserId="54754" --> Word Count (11)  
 UserId="54754" --> Word Count (1)  
 UserId="65767" --> Word Count (41)  
 UserId="18818" --> Word Count (80)  
 UserId="18818" --> Word Count (18)  
 UserId="18818" --> Word Count (1)  
 UserId="56354" --> Word Count (48)  
 UserId="65767" Comment="added 141 characters in body" --> Word Count (60)  
 UserId="71442" --> Word Count (454)  
 UserId="54096" --> Word Count (182)  
 UserId="60108" Comment="changed to a more appropriate title, fixed tags" -->  
 Word Count (125)  
 UserId="60108" Comment="changed to a more appropriate title, fixed tags" -->  
 Word Count (3)  
 UserId="60108" Comment="changed to a more appropriate title, fixed tags" -->  
 Word Count (1)  
 UserId="71442" Comment="added 41 characters in body" --> Word Count (461)  
 UserId="78363" Comment="added 863 characters in body" --> Word Count (258)  
 UserId="78376" --> Word Count (106)  
 UserId="78376" --> Word Count (10)  
 UserId="78376" --> Word Count (1)  
 UserId="78314" Comment="New to Stack, wanted to understand how to do the code  
 display thing." --> Word Count (159)  
 UserId="66920" --> Word Count (1122)  
 UserId="66920" --> Word Count (13)  
 UserId="66920" --> Word Count (1)  
 UserId="69822" Comment="edited tags" --> Word Count (1)  
 UserId="65767" --> Word Count (235)  
 UserId="56354" Comment="added 40 characters in body" --> Word Count (53)  
 UserId="77393" --> Word Count (259)

UserId="77393" --> Word Count (15)  
 UserId="77393" --> Word Count (1)  
 UserId="78378" --> Word Count (104)  
 UserId="78378" --> Word Count (11)  
 UserId="78378" --> Word Count (1)  
 UserId="78378" Comment="edited tags" --> Word Count (1)  
 UserId="66920" Comment="Added droplevels() code and cleaned up variable names"  
 --> Word Count (361)  
 UserId="78381" --> Word Count (562)  
 UserId="75260" --> Word Count (23)  
 UserId="75260" --> Word Count (13)  
 UserId="75260" --> Word Count (1)  
 UserId="65767" --> Word Count (34)  
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 UserId="78381" Comment="added 82 characters in body" --> Word Count (177)  
 UserId="78024" Comment="added 370 characters in body" --> Word Count (310)  
 UserId="47064" --> Word Count (467)  
 UserId="47064" --> Word Count (14)  
 UserId="47064" --> Word Count (1)  
 UserId="78389" --> Word Count (219)  
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 UserId="65776" --> Word Count (35)  
 UserId="78390" --> Word Count (1220)  
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 UserId="78392" --> Word Count (106)  
 UserId="78392" --> Word Count (6)  
 UserId="78392" --> Word Count (1)  
 UserId="78381" Comment="added 12 characters in body" --> Word Count (240)  
 UserId="64377" --> Word Count (215)  
 UserId="56354" Comment="added 113 characters in body" --> Word Count (83)  
 UserId="77393" Comment="added 2 characters in body" --> Word Count (269)  
 UserId="75285" --> Word Count (24)  
 UserId="56354" Comment="added 111 characters in body" --> Word Count (101)  
 UserId="76540" --> Word Count (68)  
 UserId="78390" Comment="Added picture" --> Word Count (1223)  
 UserId="78396" --> Word Count (609)  
 UserId="78396" --> Word Count (7)  
 UserId="78396" --> Word Count (1)  
 UserId="78402" --> Word Count (140)  
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 UserId="78402" --> Word Count (1)  
 UserId="71442" --> Word Count (109)  
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 UserId="78408" --> Word Count (146)  
 UserId="78408" --> Word Count (9)  
 UserId="78408" --> Word Count (1)  
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 UserId="78409" --> Word Count (6)  
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 UserId="78409" Comment="added 142 characters in body" --> Word Count (188)  
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 UserId="74421" Comment="added 571 characters in body" --> Word Count (326)  
 UserId="74421" Comment="added 103 characters in body" --> Word Count (345)  
 UserId="52128" --> Word Count (306)  
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 UserId="52128" --> Word Count (1)  
 UserId="64377" --> Word Count (170)  
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 UserId="78358" --> Word Count (9)  
 UserId="78358" --> Word Count (1)  
 UserId="75158" --> Word Count (30)  
 UserId="78358" Comment="added 3 characters in body" --> Word Count (207)  
 UserId="29575" Comment="Format Link" --> Word Count (32)  
 UserId="78392" --> Word Count (14)  
 UserId="18818" Comment="edited title" --> Word Count (18)  
 UserId="69670" --> Word Count (125)  
 UserId="52291" --> Word Count (84)  
 UserId="45603" --> Word Count (176)  
 UserId="45603" --> Word Count (11)  
 UserId="45603" --> Word Count (1)  
 UserId="68034" Comment="deleted 2 characters in body" --> Word Count (79)  
 UserId="52291" Comment="Rephrased" --> Word Count (90)  
 UserId="69822" Comment="edited tags" --> Word Count (1)  
 UserId="54096" --> Word Count (95)  
 UserId="50833" --> Word Count (182)  
 UserId="69670" --> Word Count (267)  
 UserId="57066" --> Word Count (92)  
 UserId="57066" --> Word Count (13)  
 UserId="57066" --> Word Count (1)  
 UserId="69670" Comment="added 158 characters in body; added 1 character in body; added 2 characters in body" --> Word Count (292)

UserId="69670" Comment="added 21 characters in body; deleted 2 characters in body; added 56 characters in body" --> Word Count (303)  
 UserId="78435" --> Word Count (41)  
 UserId="78435" --> Word Count (14)  
 UserId="78435" --> Word Count (1)  
 UserId="78431" --> Word Count (155)  
 UserId="78436" --> Word Count (226)  
 UserId="78436" --> Word Count (12)  
 UserId="78436" --> Word Count (1)  
 UserId="70293" --> Word Count (114)  
 UserId="70293" --> Word Count (17)  
 UserId="70293" --> Word Count (1)  
 UserId="73851" Comment="tag and spell check" --> Word Count (40)  
 UserId="73851" Comment="tag and spell check" --> Word Count (8)  
 UserId="73851" Comment="tag and spell check" --> Word Count (1)  
 UserId="45264" Comment="tag and spell check" --> Word Count (11)  
 UserId="73851" Comment="tag and spell check" --> Word Count (86)  
 UserId="73851" Comment="tag and spell check" --> Word Count (12)  
 UserId="73851" Comment="tag and spell check" --> Word Count (1)  
 UserId="45264" --> Word Count (194)  
 UserId="70293" --> Word Count (53)  
 UserId="70293" --> Word Count (16)  
 UserId="70293" --> Word Count (1)  
 UserId="61484" --> Word Count (26)  
 UserId="836" --> Word Count (522)  
 UserId="836" Comment="added 690 characters in body" --> Word Count (620)  
 UserId="45726" --> Word Count (127)  
 UserId="78434" --> Word Count (82)  
 UserId="78434" --> Word Count (17)  
 UserId="78434" --> Word Count (1)  
 UserId="836" Comment="added 690 characters in body" --> Word Count (806)  
 UserId="45726" --> Word Count (200)  
 UserId="67110" --> Word Count (73)  
 UserId="78445" --> Word Count (102)  
 UserId="67110" --> Word Count (52)  
 UserId="78444" --> Word Count (133)  
 UserId="78444" --> Word Count (10)  
 UserId="78444" --> Word Count (1)  
 UserId="78443" --> Word Count (111)  
 UserId="78443" --> Word Count (6)  
 UserId="78443" --> Word Count (1)  
 UserId="78161" --> Word Count (343)  
 UserId="78161" --> Word Count (7)  
 UserId="78161" --> Word Count (1)  
 UserId="78161" Comment="deleted 19 characters in body" --> Word Count (339)  
 UserId="78161" Comment="edited title" --> Word Count (12)  
 UserId="53258" --> Word Count (206)  
 UserId="78451" --> Word Count (163)

UserId="78451" --> Word Count (7)  
 UserId="78451" --> Word Count (1)  
 UserId="49007" Comment="added 500 characters in body" --> Word Count (249)  
 UserId="49650" --> Word Count (144)  
 UserId="55122" --> Word Count (86)  
 UserId="78454" --> Word Count (234)  
 UserId="78454" --> Word Count (5)  
 UserId="78454" --> Word Count (1)  
 UserId="29575" Comment="Format list" --> Word Count (206)  
 UserId="78455" --> Word Count (62)  
 UserId="78455" --> Word Count (5)  
 UserId="78455" --> Word Count (1)  
 UserId="75738" --> Word Count (21)  
 UserId="75738" --> Word Count (3)  
 UserId="75738" --> Word Count (1)  
 UserId="77870" --> Word Count (42)  
 UserId="59004" --> Word Count (68)  
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 UserId="59004" --> Word Count (1)  
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 UserId="78435" --> Word Count (96)  
 UserId="78293" --> Word Count (614)  
 UserId="78293" --> Word Count (5)  
 UserId="78293" --> Word Count (1)  
 UserId="78454" Comment="deleted 2 characters in body" --> Word Count (234)  
 UserId="47286" --> Word Count (103)  
 UserId="78443" Comment="Added an image with example of possible distribution of target values, considering in my case." --> Word Count (123)  
 UserId="78443" Comment="fixed grammar" --> Word Count (123)  
 UserId="78469" --> Word Count (163)  
 UserId="78469" --> Word Count (17)  
 UserId="78469" --> Word Count (1)  
 UserId="78408" Comment="deleted 50 characters in body" --> Word Count (138)  
 UserId="78409" --> Word Count (123)  
 UserId="78409" --> Word Count (10)  
 UserId="78409" --> Word Count (1)  
 UserId="78471" --> Word Count (102)  
 UserId="78471" --> Word Count (13)  
 UserId="78471" --> Word Count (1)  
 UserId="78472" --> Word Count (45)  
 UserId="64377" --> Word Count (157)  
 UserId="78479" --> Word Count (390)  
 UserId="78479" --> Word Count (5)  
 UserId="78479" --> Word Count (1)  
 UserId="74421" Comment="backticks added" --> Word Count (236)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (226)  
 UserId="44680" Comment="Fixed grammar, added few spacings to make it more legible." --> Word Count (225)

UserId="29575" Comment="Fixed grammar, added few spacings to make it more legible." --> Word Count (196)  
 UserId="26562" Comment="formatting" --> Word Count (44)  
 UserId="74421" Comment="added backticks" --> Word Count (120)  
 UserId="26562" Comment="added backticks" --> Word Count (120)  
 UserId="77618" --> Word Count (153)  
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 UserId="78482" --> Word Count (9)  
 UserId="78482" --> Word Count (1)  
 UserId="77839" --> Word Count (92)  
 UserId="70293" Comment="Removed a question" --> Word Count (46)  
 UserId="73114" --> Word Count (173)  
 UserId="73114" --> Word Count (11)  
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 UserId="8517" --> Word Count (392)  
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 UserId="14542" --> Word Count (90)  
 UserId="29575" Comment="Minor formatting" --> Word Count (86)  
 UserId="78443" Comment="improve title" --> Word Count (183)  
 UserId="78443" Comment="improve title" --> Word Count (8)  
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 UserId="41929" --> Word Count (1)  
 UserId="49650" --> Word Count (114)  
 UserId="49650" Comment="added 12 characters in body" --> Word Count (116)  
 UserId="78495" --> Word Count (63)  
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 UserId="78495" --> Word Count (1)  
 UserId="29575" Comment="Format Link" --> Word Count (44)  
 UserId="49650" Comment="added 169 characters in body" --> Word Count (137)  
 UserId="49650" --> Word Count (112)  
 UserId="78443" --> Word Count (133)  
 UserId="49650" Comment="added 100 characters in body" --> Word Count (157)  
 UserId="49650" --> Word Count (131)  
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 UserId="68023" --> Word Count (216)  
 UserId="78502" --> Word Count (48)  
 UserId="1330" Comment="deleted 9 characters in body" --> Word Count (51)  
 UserId="54721" --> Word Count (132)

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 UserId="75285" Comment="added 1028 characters in body" --> Word Count (186)  
 UserId="534" --> Word Count (284)  
 UserId="534" --> Word Count (20)  
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 UserId="78508" --> Word Count (86)  
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 UserId="78513" --> Word Count (184)  
 UserId="78513" --> Word Count (7)  
 UserId="78513" --> Word Count (1)  
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 UserId="52089" Comment="edited tags; edited title" --> Word Count (1)  
 UserId="55122" --> Word Count (647)  
 UserId="52089" --> Word Count (328)  
 UserId="74421" Comment="added boldness, backticks" --> Word Count (82)  
 UserId="78514" --> Word Count (114)  
 UserId="78514" --> Word Count (10)  
 UserId="78514" --> Word Count (1)  
 UserId="78511" Comment="added 408 characters in body" --> Word Count (161)  
 UserId="78515" --> Word Count (127)  
 UserId="78515" --> Word Count (6)  
 UserId="78515" --> Word Count (1)  
 UserId="76635" --> Word Count (268)  
 UserId="76635" --> Word Count (7)  
 UserId="76635" --> Word Count (1)  
 UserId="76635" Comment="added 6 characters in body" --> Word Count (269)  
 UserId="64377" --> Word Count (254)  
 UserId="77946" --> Word Count (485)  
 UserId="77946" --> Word Count (4)  
 UserId="77946" --> Word Count (1)  
 UserId="78519" --> Word Count (107)  
 UserId="78519" --> Word Count (4)  
 UserId="78519" --> Word Count (1)  
 UserId="64377" --> Word Count (337)  
 UserId="534" Comment="adding additional examples and descriptions to the problem" --> Word Count (504)  
 UserId="534" Comment="edited title" --> Word Count (20)  
 UserId="55122" Comment="added 128 characters in body" --> Word Count (112)  
 UserId="75260" --> Word Count (50)  
 UserId="26562" Comment="formatting" --> Word Count (105)  
 UserId="76635" --> Word Count (140)  
 UserId="78443" --> Word Count (66)  
 UserId="78443" Comment="added 81 characters in body" --> Word Count (81)



UserId="78523" --> Word Count (17)  
 UserId="78523" --> Word Count (17)  
 UserId="78523" --> Word Count (1)  
 UserId="78231" --> Word Count (138)  
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 UserId="78231" --> Word Count (1)  
 UserId="77618" --> Word Count (94)  
 UserId="74525" --> Word Count (53)  
 UserId="74525" --> Word Count (13)  
 UserId="74525" --> Word Count (1)  
 UserId="30668" --> Word Count (55)  
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 UserId="27983" --> Word Count (156)  
 UserId="69671" --> Word Count (148)  
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 UserId="29575" Comment="101" --> Word Count (2)  
 UserId="74525" Comment="added 224 characters in body; edited tags; edited title"  
 --> Word Count (89)  
 UserId="74525" Comment="added 224 characters in body; edited tags; edited title"  
 --> Word Count (12)  
 UserId="74525" Comment="added 224 characters in body; edited tags; edited title"  
 --> Word Count (1)  
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 UserId="29575" Comment="Remove extra commentary" --> Word Count (214)  
 UserId="29575" Comment="104" --> Word Count (4)  
 UserId="78539" --> Word Count (223)  
 UserId="29169" Comment="code formatting" --> Word Count (149)  
 UserId="924" --> Word Count (29)  
 UserId="29169" Comment="formatting changes etc." --> Word Count (156)  
 UserId="52089" Comment="deleted 144 characters in body" --> Word Count (9)  
 UserId="52089" Comment="deleted 144 characters in body" --> Word Count (23)  
 UserId="65131" --> Word Count (42)  
 UserId="65131" --> Word Count (11)  
 UserId="65131" --> Word Count (1)  
 UserId="71218" --> Word Count (78)  
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 UserId="14675" --> Word Count (286)  
 UserId="49650" Comment="Changed title to reflect actual question." --> Word  
 Count (7)

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 UserId="69569" --> Word Count (187)  
 UserId="69569" --> Word Count (12)  
 UserId="69569" --> Word Count (1)  
 UserId="78563" --> Word Count (175)  
 UserId="78563" --> Word Count (6)  
 UserId="78563" --> Word Count (1)  
 UserId="68034" --> Word Count (22)  
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 UserId="68034" --> Word Count (1)  
 UserId="78564" --> Word Count (292)  
 UserId="75738" --> Word Count (29)  
 UserId="75738" --> Word Count (7)  
 UserId="75738" --> Word Count (1)  
 UserId="47522" --> Word Count (149)  
 UserId="47522" --> Word Count (15)  
 UserId="47522" --> Word Count (1)  
 UserId="49650" --> Word Count (114)  
 UserId="49650" Comment="added 312 characters in body" --> Word Count (166)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="73114" --> Word Count (45)  
 UserId="59033" --> Word Count (306)  
 UserId="78568" --> Word Count (23)  
 UserId="75738" --> Word Count (26)  
 UserId="75738" --> Word Count (8)  
 UserId="75738" --> Word Count (1)  
 UserId="21254" --> Word Count (115)  
 UserId="77900" --> Word Count (82)  
 UserId="60113" --> Word Count (143)  
 UserId="60113" --> Word Count (12)  
 UserId="60113" --> Word Count (1)  
 UserId="73209" Text="It seems that state of art methods use neural encoder-decoder models [1]&#xD;&#xA;&#xD;&#xA;[1] Neural Question Generation from -->  
 Word Count (6)  
 UserId="57936" --> Word Count (109)  
 UserId="57936" --> Word Count (9)  
 UserId="57936" --> Word Count (1)  
 UserId="78570" --> Word Count (180)  
 UserId="78570" --> Word Count (12)  
 UserId="78570" --> Word Count (1)  
 UserId="60113" Comment="added 3 characters in body" --> Word Count (144)

UserId="49517" --> Word Count (221)  
 UserId="49517" --> Word Count (10)  
 UserId="49517" --> Word Count (1)  
 UserId="69822" --> Word Count (47)  
 UserId="23403" --> Word Count (69)  
 UserId="23403" --> Word Count (8)  
 UserId="23403" --> Word Count (1)  
 UserId="62982" --> Word Count (776)  
 UserId="62982" --> Word Count (5)  
 UserId="62982" --> Word Count (1)  
 UserId="73209" Comment="added 120 characters in body" Text="It seems that state  
 of art methods use neural encoder-decoder models [1]&#xD;&#xA;&#xD;&#xA;[1]  
 Neural Question Generation from --> Word Count (21)  
 UserId="78577" --> Word Count (66)  
 UserId="78577" --> Word Count (4)  
 UserId="78577" --> Word Count (1)  
 UserId="43193" --> Word Count (404)  
 UserId="43193" --> Word Count (8)  
 UserId="43193" --> Word Count (1)  
 UserId="49650" Comment="added 96 characters in body" --> Word Count (13)  
 UserId="29575" Comment="Add usage guidance" --> Word Count (16)  
 UserId="49650" Comment="added 259 characters in body" --> Word Count (35)  
 UserId="29575" Comment="Add link" --> Word Count (38)  
 UserId="52291" Comment="edited tags" --> Word Count (1)  
 UserId="78580" --> Word Count (25)  
 UserId="78580" --> Word Count (17)  
 UserId="78580" --> Word Count (1)  
 UserId="75549" --> Word Count (204)  
 UserId="75549" --> Word Count (14)  
 UserId="75549" --> Word Count (1)  
 UserId="49517" Comment="added 274 characters in body" --> Word Count (257)  
 UserId="49517" Comment="added 5 characters in body" --> Word Count (258)  
 UserId="78582" --> Word Count (28)  
 UserId="78582" --> Word Count (3)  
 UserId="78582" --> Word Count (1)  
 UserId="65767" Comment="added 1 character in body" --> Word Count (236)  
 UserId="65767" Comment="added 959 characters in body" --> Word Count (338)  
 UserId="78586" --> Word Count (20)  
 UserId="78585" --> Word Count (92)  
 UserId="78585" --> Word Count (8)  
 UserId="78585" --> Word Count (1)  
 UserId="69670" --> Word Count (208)  
 UserId="54040" --> Word Count (73)  
 UserId="54040" --> Word Count (5)  
 UserId="54040" --> Word Count (1)  
 UserId="60394" --> Word Count (82)  
 UserId="60394" --> Word Count (4)  
 UserId="60394" --> Word Count (1)

UserId="29575" Comment="Format code" --> Word Count (19)  
 UserId="69822" Comment="edited body" --> Word Count (386)  
 UserId="69822" Comment="rephrasing , corrected spelling" --> Word Count (94)  
 UserId="65767" Comment="added 959 characters in body" --> Word Count (791)  
 UserId="73930" --> Word Count (94)  
 UserId="77162" --> Word Count (401)  
 UserId="77162" --> Word Count (10)  
 UserId="77162" --> Word Count (1)  
 UserId="43193" Comment="deleted 68 characters in body" --> Word Count (404)  
 UserId="77162" Comment="Edited title to make it clearer" --> Word Count (9)  
 UserId="78590" --> Word Count (141)  
 UserId="78590" --> Word Count (7)  
 UserId="78590" --> Word Count (1)  
 UserId="78589" --> Word Count (193)  
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 UserId="78589" --> Word Count (1)  
 UserId="78591" --> Word Count (232)  
 UserId="39011" --> Word Count (38)  
 UserId="78591" Comment="added 146 characters in body" --> Word Count (256)  
 UserId="78577" Comment="edited title and made question more clear (hopefully)"  
 --> Word Count (4)  
 UserId="78577" Comment="edited title and made question more clear (hopefully)"  
 --> Word Count (60)  
 UserId="68023" --> Word Count (116)  
 UserId="49941" --> Word Count (32)  
 UserId="49941" --> Word Count (7)  
 UserId="49941" --> Word Count (1)  
 UserId="73930" Comment="added 183 characters in body" --> Word Count (108)  
 UserId="78598" --> Word Count (147)  
 UserId="78598" --> Word Count (4)  
 UserId="78598" --> Word Count (1)  
 UserId="78599" --> Word Count (295)  
 UserId="78599" --> Word Count (7)  
 UserId="78599" --> Word Count (1)  
 UserId="69671" Comment="added 742 characters in body" --> Word Count (234)  
 UserId="78602" --> Word Count (88)  
 UserId="78602" --> Word Count (7)  
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 UserId="17916" --> Word Count (33)  
 UserId="17916" --> Word Count (3)  
 UserId="17916" --> Word Count (1)  
 UserId="65767" Comment="deleted 39 characters in body" --> Word Count (788)  
 UserId="78613" --> Word Count (110)  
 UserId="78613" --> Word Count (13)  
 UserId="78613" --> Word Count (1)

UserId="49517" Comment="added 52 characters in body" --> Word Count (265)  
 UserId="58306" --> Word Count (259)  
 UserId="58306" --> Word Count (5)  
 UserId="58306" --> Word Count (1)  
 UserId="69671" Comment="added 33 characters in body" --> Word Count (239)  
 UserId="69263" --> Word Count (779)  
 UserId="69263" --> Word Count (15)  
 UserId="69263" --> Word Count (1)  
 UserId="17310" --> Word Count (36)  
 UserId="17310" --> Word Count (5)  
 UserId="17310" --> Word Count (1)  
 UserId="43077" --> Word Count (177)  
 UserId="43077" Comment="added 322 characters in body" --> Word Count (241)  
 UserId="71219" --> Word Count (465)  
 UserId="43077" Comment="added 292 characters in body" --> Word Count (297)  
 UserId="78623" --> Word Count (45)  
 UserId="71219" Comment="deleted 217 characters in body" --> Word Count (422)  
 UserId="43077" Comment="added 17 characters in body" --> Word Count (299)  
 UserId="71219" Comment="added 110 characters in body" --> Word Count (441)  
 UserId="43077" Comment="added 120 characters in body" --> Word Count (322)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (38)  
 UserId="74421" Comment="added the rest of code" --> Word Count (433)  
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 UserId="78635" Comment="edited title" --> Word Count (15)  
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 UserId="924" --> Word Count (118)  
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 UserId="76087" Comment="fixed grammar" --> Word Count (105)  
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 UserId="78728" --> Word Count (11)  
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 Word Count (139)  
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 Word Count (12)  
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 Count (228)  
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 Count (10)

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UserId="60292" Comment="added 596 characters in body" --> Word Count (228)  
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UserId="78808" Comment="Code Updated" --> Word Count (311)  
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 UserId="75528" --> Word Count (1)  
 UserId="43077" Comment="made the title shorter (more likely to appear in google searches)" --> Word Count (11)  
 UserId="45264" --> Word Count (1083)  
 UserId="75528" Comment="Typo" --> Word Count (146)  
 UserId="75528" Comment="Specified the non-Markov reason" --> Word Count (158)  
 UserId="14582" --> Word Count (130)  
 UserId="14582" --> Word Count (6)  
 UserId="14582" --> Word Count (1)  
 UserId="78674" --> Word Count (64)  
 UserId="78865" --> Word Count (65)  
 UserId="78865" --> Word Count (10)

UserId="78865" --> Word Count (1)  
 UserId="78609" --> Word Count (24)  
 UserId="78867" --> Word Count (100)  
 UserId="78867" --> Word Count (4)  
 UserId="78867" --> Word Count (1)  
 UserId="75738" --> Word Count (34)  
 UserId="68025" --> Word Count (110)  
 UserId="68025" --> Word Count (6)  
 UserId="68025" --> Word Count (1)  
 UserId="78876" --> Word Count (273)  
 UserId="78058" --> Word Count (784)  
 UserId="34269" --> Word Count (95)  
 UserId="78058" Comment="changed the question heading to capture the question context " --> Word Count (8)  
 UserId="78443" --> Word Count (88)  
 UserId="78443" --> Word Count (14)  
 UserId="78443" --> Word Count (1)  
 UserId="69770" --> Word Count (110)  
 UserId="69770" --> Word Count (12)  
 UserId="69770" --> Word Count (1)  
 UserId="65767" --> Word Count (50)  
 UserId="65767" Comment="added 435 characters in body" --> Word Count (111)  
 UserId="65767" Comment="added 472 characters in body" --> Word Count (164)  
 UserId="65767" Comment="added 188 characters in body" --> Word Count (187)  
 UserId="69770" Comment="added 259 characters in body" --> Word Count (136)  
 UserId="78808" Comment="deleted 24 characters in body" --> Word Count (330)  
 UserId="78897" --> Word Count (89)  
 UserId="78897" --> Word Count (4)  
 UserId="78897" --> Word Count (1)  
 UserId="78897" Comment="added 16 characters in body" --> Word Count (91)  
 UserId="73209" Comment="More information" --> Word Count (99)  
 UserId="76811" --> Word Count (113)  
 UserId="76811" --> Word Count (13)  
 UserId="76811" --> Word Count (1)  
 UserId="73127" --> Word Count (160)  
 UserId="73127" --> Word Count (4)  
 UserId="73127" --> Word Count (1)  
 UserId="14582" Comment="Rollback to [21cce3d1-6770-40a5-a11b-946490af5c25] - Edit approval overridden by post owner or moderator" --> Word Count (6)  
 UserId="75528" Comment="Specified static camers" --> Word Count (159)  
 UserId="30473" --> Word Count (72)  
 UserId="30473" --> Word Count (12)  
 UserId="30473" --> Word Count (1)  
 UserId="78798" Comment="fixed the equation links" --> Word Count (556)  
 UserId="78896" --> Word Count (179)  
 UserId="78896" --> Word Count (8)  
 UserId="78896" --> Word Count (1)  
 UserId="78901" --> Word Count (493)



UserId="78901" --> Word Count (13)  
UserId="78901" --> Word Count (1)  
UserId="69822" --> Word Count (127)  
UserId="65767" --> Word Count (48)  
UserId="16546" --> Word Count (139)  
UserId="16546" --> Word Count (12)  
UserId="16546" --> Word Count (1)  
UserId="29575" Comment="Minor grammar / formatting" --> Word Count (85)  
UserId="65131" --> Word Count (131)  
UserId="64377" --> Word Count (77)  
UserId="78901" Comment="added 10 characters in body" --> Word Count (494)  
UserId="76109" Comment="added 417 characters in body" --> Word Count (133)  
UserId="78409" --> Word Count (94)  
UserId="78409" --> Word Count (9)  
UserId="78409" --> Word Count (1)  
UserId="65131" --> Word Count (29)  
UserId="73209" --> Word Count (73)  
UserId="78910" --> Word Count (43)  
UserId="78910" --> Word Count (9)  
UserId="78910" --> Word Count (1)  
UserId="60394" --> Word Count (145)  
UserId="60394" --> Word Count (7)  
UserId="60394" --> Word Count (1)  
UserId="73209" Comment="added 113 characters in body" --> Word Count (92)  
UserId="78901" Comment="Problem updated" --> Word Count (86)  
UserId="64377" --> Word Count (173)  
UserId="57328" --> Word Count (296)  
UserId="57328" --> Word Count (2)  
UserId="57328" --> Word Count (1)  
UserId="78915" --> Word Count (149)  
UserId="78915" --> Word Count (5)  
UserId="78915" --> Word Count (1)  
UserId="67110" --> Word Count (218)  
UserId="75645" --> Word Count (94)  
UserId="75645" --> Word Count (7)  
UserId="75645" --> Word Count (1)  
UserId="836" --> Word Count (561)  
UserId="78683" --> Word Count (123)  
UserId="836" Comment="added 305 characters in body" --> Word Count (636)  
UserId="836" --> Word Count (400)  
UserId="924" --> Word Count (29)  
UserId="67412" --> Word Count (182)  
UserId="66036" --> Word Count (35)  
UserId="66036" --> Word Count (7)  
UserId="66036" --> Word Count (1)  
UserId="67412" Comment="added 293 characters in body" --> Word Count (235)  
UserId="66036" Comment="added 527 characters in body" --> Word Count (91)  
UserId="67412" Comment="added 293 characters in body" --> Word Count (259)

UserId="78564" --> Word Count (62)  
 UserId="78564" --> Word Count (8)  
 UserId="78564" --> Word Count (1)  
 UserId="66457" --> Word Count (22)  
 UserId="62938" --> Word Count (3012)  
 UserId="62938" --> Word Count (4)  
 UserId="62938" --> Word Count (1)  
 UserId="78207" --> Word Count (307)  
 UserId="38086" --> Word Count (125)  
 UserId="38086" Comment="added 17 characters in body" --> Word Count (127)  
 UserId="71442" --> Word Count (105)  
 UserId="71442" --> Word Count (5)  
 UserId="71442" --> Word Count (1)  
 UserId="69670" --> Word Count (250)  
 UserId="78924" --> Word Count (125)  
 UserId="78924" --> Word Count (12)  
 UserId="78924" --> Word Count (1)  
 UserId="71442" --> Word Count (127)  
 UserId="66457" --> Word Count (31)  
 UserId="66457" --> Word Count (23)  
 UserId="66036" Comment="edited title" --> Word Count (10)  
 UserId="71442" Comment="added 2 characters in body" --> Word Count (31)  
 UserId="69670" --> Word Count (67)  
 UserId="69670" Comment="added 66 characters in body" --> Word Count (70)  
 UserId="64377" --> Word Count (101)  
 UserId="64377" Comment="added 1 character in body" --> Word Count (101)  
 UserId="75028" --> Word Count (366)  
 UserId="75028" --> Word Count (16)  
 UserId="75028" --> Word Count (1)  
 UserId="62846" --> Word Count (19)  
 UserId="62846" --> Word Count (14)  
 UserId="62846" --> Word Count (1)  
 UserId="62846" Comment="added 16 characters in body" --> Word Count (21)  
 UserId="78929" --> Word Count (590)  
 UserId="78929" --> Word Count (16)  
 UserId="78929" --> Word Count (1)  
 UserId="77159" --> Word Count (159)  
 UserId="77159" --> Word Count (17)  
 UserId="77159" --> Word Count (1)  
 UserId="62938" Comment="Title updated" --> Word Count (7)  
 UserId="60813" --> Word Count (33)  
 UserId="60813" --> Word Count (7)  
 UserId="60813" --> Word Count (1)  
 UserId="78929" --> Word Count (80)  
 UserId="26394" Comment="tag addition" --> Word Count (1)  
 UserId="78938" --> Word Count (127)  
 UserId="78938" --> Word Count (10)  
 UserId="78938" --> Word Count (1)

UserId="78873" --> Word Count (86)  
 UserId="78873" --> Word Count (19)  
 UserId="78873" --> Word Count (1)  
 UserId="78758" Comment="added 690 characters in body" --> Word Count (120)  
 UserId="65131" --> Word Count (88)  
 UserId="25750" Comment="Small typo fixes" --> Word Count (250)  
 UserId="64377" --> Word Count (80)  
 UserId="71442" --> Word Count (133)  
 UserId="62938" --> Word Count (20)  
 UserId="62938" --> Word Count (9)  
 UserId="62938" --> Word Count (1)  
 UserId="71256" --> Word Count (417)  
 UserId="71256" --> Word Count (12)  
 UserId="71256" --> Word Count (1)  
 UserId="71442" Comment="edited body" --> Word Count (105)  
 UserId="32963" Text="I have a CNN siamese network to classify if two text sentences are similar. But most of the post are about CNN image siamese networks. So I think you can translate this to my case.&#xD;&#xA;&#xD;&#xA;I get for non related" --> Word Count (91)  
 UserId="32963" --> Word Count (9)  
 UserId="32963" --> Word Count (1)  
 UserId="76336" --> Word Count (251)  
 UserId="76336" --> Word Count (14)  
 UserId="76336" --> Word Count (1)  
 UserId="25163" --> Word Count (906)  
 UserId="25163" --> Word Count (11)  
 UserId="25163" --> Word Count (1)  
 UserId="25163" Comment="added 8 characters in body" --> Word Count (957)  
 UserId="78665" --> Word Count (83)  
 UserId="78865" Comment="deleted 4 characters in body" --> Word Count (65)  
 UserId="29575" Comment="Add indefinite article" --> Word Count (84)  
 UserId="71442" Comment="added 253 characters in body" --> Word Count (175)  
 UserId="62938" --> Word Count (98)  
 UserId="39982" --> Word Count (159)  
 UserId="39982" --> Word Count (7)  
 UserId="39982" --> Word Count (1)  
 UserId="74169" --> Word Count (72)  
 UserId="74169" --> Word Count (10)  
 UserId="74169" --> Word Count (1)  
 UserId="67384" --> Word Count (29)  
 UserId="67384" --> Word Count (13)  
 UserId="67384" --> Word Count (1)  
 UserId="78955" --> Word Count (296)  
 UserId="78955" --> Word Count (6)  
 UserId="78955" --> Word Count (1)  
 UserId="25163" --> Word Count (21)  
 UserId="65131" --> Word Count (93)  
 UserId="64377" --> Word Count (109)

UserId="57827" --> Word Count (74)  
 UserId="57827" --> Word Count (17)  
 UserId="57827" --> Word Count (1)  
 UserId="78963" --> Word Count (119)  
 UserId="78963" --> Word Count (10)  
 UserId="78963" --> Word Count (1)  
 UserId="73404" --> Word Count (152)  
 UserId="73404" --> Word Count (11)  
 UserId="73404" --> Word Count (1)  
 UserId="31006" --> Word Count (141)  
 UserId="31006" --> Word Count (13)  
 UserId="31006" --> Word Count (1)  
 UserId="31006" Comment="deleted 13 characters in body" --> Word Count (141)  
 UserId="71912" --> Word Count (272)  
 UserId="71912" --> Word Count (12)  
 UserId="71912" --> Word Count (1)  
 UserId="76523" --> Word Count (80)  
 UserId="76523" --> Word Count (10)  
 UserId="76523" --> Word Count (1)  
 UserId="62846" Comment="added 105 characters in body" --> Word Count (34)  
 UserId="76546" Comment="improve readability" --> Word Count (141)  
 UserId="78968" --> Word Count (39)  
 UserId="78968" --> Word Count (7)  
 UserId="78968" --> Word Count (1)  
 UserId="78968" Comment="added 24 characters in body" --> Word Count (45)  
 UserId="78968" Comment="added 53 characters in body; edited title" --> Word Count (53)  
 UserId="78968" Comment="added 53 characters in body; edited title" --> Word Count (8)  
 UserId="38892" --> Word Count (37)  
 UserId="38892" Comment="added 95 characters in body" --> Word Count (60)  
 UserId="78968" Comment="added 63 characters in body" --> Word Count (66)  
 UserId="68025" --> Word Count (43)  
 UserId="78873" --> Word Count (251)  
 UserId="78873" --> Word Count (9)  
 UserId="78873" --> Word Count (1)  
 UserId="69646" --> Word Count (159)  
 UserId="69646" --> Word Count (11)  
 UserId="69646" --> Word Count (1)  
 UserId="27983" --> Word Count (173)  
 UserId="27983" --> Word Count (5)  
 UserId="27983" --> Word Count (1)  
 UserId="836" --> Word Count (164)  
 UserId="70393" --> Word Count (81)  
 UserId="70393" --> Word Count (5)  
 UserId="70393" --> Word Count (1)  
 UserId="78982" --> Word Count (72)  
 UserId="69646" Comment="added 100 characters in body" --> Word Count (165)

UserId="68025" --> Word Count (48)  
 UserId="78984" --> Word Count (131)  
 UserId="78984" --> Word Count (135)  
 UserId="78986" --> Word Count (92)  
 UserId="78987" --> Word Count (97)  
 UserId="78987" --> Word Count (9)  
 UserId="78987" --> Word Count (1)  
 UserId="29575" Comment="Minor formatting" --> Word Count (131)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (49)  
 UserId="29575" Comment="Add link" --> Word Count (95)  
 UserId="13748" Comment="Inlined images and minor aesthetic changes" --> Word Count (81)  
 UserId="13748" Comment="Inlined images and minor aesthetic changes" --> Word Count (6)  
 UserId="29575" Comment="Inlined images and minor aesthetic changes" --> Word Count (82)  
 UserId="76779" --> Word Count (108)  
 UserId="76779" --> Word Count (22)  
 UserId="76779" --> Word Count (1)  
 UserId="62700" --> Word Count (43)  
 UserId="62700" --> Word Count (7)  
 UserId="62700" --> Word Count (1)  
 UserId="67294" --> Word Count (36)  
 UserId="67294" --> Word Count (5)  
 UserId="67294" --> Word Count (1)  
 UserId="78989" --> Word Count (162)  
 UserId="78989" --> Word Count (4)  
 UserId="78989" --> Word Count (1)  
 UserId="25163" Comment="added 115 characters in body" --> Word Count (972)  
 UserId="78997" --> Word Count (165)  
 UserId="78997" --> Word Count (4)  
 UserId="78997" --> Word Count (1)  
 UserId="78998" --> Word Count (106)  
 UserId="78798" --> Word Count (416)  
 UserId="71442" Comment="edited title" --> Word Count (4)  
 UserId="62700" --> Word Count (154)  
 UserId="62700" --> Word Count (12)  
 UserId="62700" --> Word Count (1)  
 UserId="76523" --> Word Count (199)  
 UserId="76523" --> Word Count (8)  
 UserId="76523" --> Word Count (1)  
 UserId="79006" --> Word Count (54)  
 UserId="79006" --> Word Count (11)  
 UserId="79006" --> Word Count (1)  
 UserId="71442" --> Word Count (150)  
 UserId="32926" --> Word Count (141)  
 UserId="65767" --> Word Count (52)  
 UserId="74028" --> Word Count (180)

UserId="74028" --> Word Count (22)  
 UserId="74028" --> Word Count (1)  
 UserId="65767" --> Word Count (81)  
 UserId="79010" --> Word Count (302)  
 UserId="79010" --> Word Count (13)  
 UserId="79010" --> Word Count (1)  
 UserId="74028" Comment="added 161 characters in body" --> Word Count (204)  
 UserId="79000" --> Word Count (150)  
 UserId="79000" --> Word Count (7)  
 UserId="79000" --> Word Count (1)  
 UserId="50384" --> Word Count (244)  
 UserId="50384" --> Word Count (130)  
 UserId="74003" --> Word Count (31)  
 UserId="23305" Comment="105" --> Word Count (2)  
 UserId="78838" --> Word Count (58)  
 UserId="78838" --> Word Count (9)  
 UserId="78838" --> Word Count (1)  
 UserId="79017" --> Word Count (26)  
 UserId="29575" Comment="Minor formatting" --> Word Count (29)  
 UserId="68025" --> Word Count (166)  
 UserId="76523" --> Word Count (106)  
 UserId="76523" --> Word Count (5)  
 UserId="76523" --> Word Count (1)  
 UserId="61647" --> Word Count (101)  
 UserId="61647" --> Word Count (21)  
 UserId="61647" --> Word Count (1)  
 UserId="74003" Comment="added 175 characters in body; added 20 characters in body" --> Word Count (91)  
 UserId="62846" --> Word Count (41)  
 UserId="62846" --> Word Count (7)  
 UserId="62846" --> Word Count (1)  
 UserId="75738" Comment="added 393 characters in body" --> Word Count (106)  
 UserId="75803" Text="&#xD;&#xA;&#xD;&#xA;I'm trying to do sentiment analysis of News Headlines about a particular subject mentioned in it.&#xD;&#xA;&#xD;&#xA;Initially, I used ` --> Word Count (133)  
 UserId="75803" --> Word Count (5)  
 UserId="75803" --> Word Count (1)  
 UserId="68025" --> Word Count (60)  
 UserId="32243" --> Word Count (76)  
 UserId="70749" --> Word Count (196)  
 UserId="70749" --> Word Count (11)  
 UserId="70749" --> Word Count (1)  
 UserId="62641" --> Word Count (121)  
 UserId="62641" --> Word Count (5)  
 UserId="62641" --> Word Count (1)  
 UserId="79023" --> Word Count (103)  
 UserId="32243" Comment="format text" --> Word Count (1157)  
 UserId="68025" Comment="added 8 characters in body" --> Word Count (174)

UserId="79022" --> Word Count (27)  
 UserId="79022" --> Word Count (15)  
 UserId="79022" --> Word Count (1)  
 UserId="74727" --> Word Count (16)  
 UserId="78409" --> Word Count (32)  
 UserId="78409" --> Word Count (329)  
 UserId="78409" --> Word Count (25)  
 UserId="78409" --> Word Count (1)  
 UserId="59252" --> Word Count (331)  
 UserId="61152" --> Word Count (235)  
 UserId="61152" --> Word Count (8)  
 UserId="61152" --> Word Count (1)  
 UserId="78409" Comment="added 4 characters in body" --> Word Count (329)  
 UserId="79032" --> Word Count (72)  
 UserId="64377" --> Word Count (582)  
 UserId="78808" Comment="added 75 characters in body" --> Word Count (341)  
 UserId="79037" --> Word Count (30)  
 UserId="79037" --> Word Count (13)  
 UserId="79037" --> Word Count (1)  
 UserId="45143" --> Word Count (44)  
 UserId="67412" --> Word Count (68)  
 UserId="67412" Comment="added 67 characters in body" --> Word Count (80)  
 UserId="74727" Comment=": instead of = for a dictionnary" --> Word Count (16)  
 UserId="61152" Comment="added 318 characters in body" --> Word Count (252)  
 UserId="79038" --> Word Count (277)  
 UserId="79038" --> Word Count (4)  
 UserId="79038" --> Word Count (1)  
 UserId="61152" Comment="added 150 characters in body" --> Word Count (277)  
 UserId="79039" --> Word Count (61)  
 UserId="79039" --> Word Count (11)  
 UserId="79039" --> Word Count (1)  
 UserId="29575" Comment="Minor formatting" --> Word Count (102)  
 UserId="29575" Comment="Minor formatting" --> Word Count (29)  
 UserId="79040" --> Word Count (179)  
 UserId="79040" --> Word Count (13)  
 UserId="79040" --> Word Count (1)  
 UserId="65767" --> Word Count (277)  
 UserId="65767" Comment="added 60 characters in body" --> Word Count (264)  
 UserId="75260" --> Word Count (27)  
 UserId="75260" --> Word Count (8)  
 UserId="75260" --> Word Count (1)  
 UserId="50833" --> Word Count (137)  
 UserId="25345" --> Word Count (28)  
 UserId="38911" --> Word Count (227)  
 UserId="38911" --> Word Count (8)  
 UserId="38911" --> Word Count (1)  
 UserId="79049" --> Word Count (98)  
 UserId="79049" --> Word Count (10)

UserId="79049" --> Word Count (1)  
 UserId="16546" Comment="added 2 characters in body" --> Word Count (140)  
 UserId="45264" --> Word Count (831)  
 UserId="79036" --> Word Count (2481)  
 UserId="79036" --> Word Count (4)  
 UserId="79036" --> Word Count (1)  
 UserId="79053" --> Word Count (109)  
 UserId="79053" --> Word Count (5)  
 UserId="79053" --> Word Count (1)  
 UserId="79036" Comment="deleted 2620 characters in body" --> Word Count (1922)  
 UserId="79046" --> Word Count (144)  
 UserId="79046" --> Word Count (7)  
 UserId="79046" --> Word Count (1)  
 UserId="79055" --> Word Count (87)  
 UserId="79055" --> Word Count (9)  
 UserId="79055" --> Word Count (1)  
 UserId="2459" --> Word Count (177)  
 UserId="78851" --> Word Count (629)  
 UserId="78851" --> Word Count (5)  
 UserId="78851" --> Word Count (1)  
 UserId="45264" Comment="Removed unintended text." --> Word Count (794)  
 UserId="2459" --> Word Count (213)  
 UserId="79058" --> Word Count (69)  
 UserId="79058" --> Word Count (13)  
 UserId="79058" --> Word Count (1)  
 UserId="2459" --> Word Count (374)  
 UserId="64377" --> Word Count (365)  
 UserId="77708" --> Word Count (132)  
 UserId="77708" --> Word Count (4)  
 UserId="77708" --> Word Count (1)  
 UserId="50204" --> Word Count (59)  
 UserId="50204" --> Word Count (12)  
 UserId="50204" --> Word Count (1)  
 UserId="71912" --> Word Count (182)  
 UserId="71912" --> Word Count (14)  
 UserId="71912" --> Word Count (1)  
 UserId="79059" --> Word Count (58)  
 UserId="79059" --> Word Count (9)  
 UserId="79059" --> Word Count (1)  
 UserId="78761" --> Word Count (82)  
 UserId="69263" --> Word Count (40)  
 UserId="69263" --> Word Count (10)  
 UserId="69263" --> Word Count (1)  
 UserId="56922" --> Word Count (128)  
 UserId="69263" Comment="added 215 characters in body; edited body" --> Word Count (59)  
 UserId="79062" --> Word Count (38)  
 UserId="77092" --> Word Count (57)



UserId="69263" Comment="added 73 characters in body" --> Word Count (73)  
 UserId="79062" Comment="added 260 characters in body" --> Word Count (60)  
 UserId="78870" --> Word Count (145)  
 UserId="78870" --> Word Count (17)  
 UserId="78870" --> Word Count (1)  
 UserId="55122" --> Word Count (130)  
 UserId="61647" --> Word Count (339)  
 UserId="61647" Comment="added 114 characters in body" --> Word Count (374)  
 UserId="18247" --> Word Count (89)  
 UserId="61647" Comment="added 266 characters in body" --> Word Count (435)  
 UserId="71140" --> Word Count (61)  
 UserId="30121" --> Word Count (108)  
 UserId="30121" --> Word Count (3)  
 UserId="30121" --> Word Count (1)  
 UserId="64377" --> Word Count (162)  
 UserId="387" --> Word Count (58)  
 UserId="387" --> Word Count (8)  
 UserId="387" --> Word Count (1)  
 UserId="62641" --> Word Count (64)  
 UserId="62641" --> Word Count (113)  
 UserId="79071" --> Word Count (127)  
 UserId="79071" --> Word Count (9)  
 UserId="79071" --> Word Count (1)  
 UserId="79071" Comment="added 4760 characters in body" --> Word Count (166)  
 UserId="43077" Comment="removed image, added code, shortened title" --> Word Count (104)  
 UserId="43077" Comment="removed image, added code, shortened title" --> Word Count (13)  
 UserId="29575" Comment="removed image, added code, shortened title" --> Word Count (92)  
 UserId="50870" --> Word Count (72)  
 UserId="50870" --> Word Count (114)  
 UserId="50870" --> Word Count (11)  
 UserId="50870" --> Word Count (1)  
 UserId="68025" Comment="deleted 1 character in body" --> Word Count (60)  
 UserId="79078" --> Word Count (181)  
 UserId="68025" Comment="Updated to clarify" --> Word Count (41)  
 UserId="62846" --> Word Count (21)  
 UserId="62846" --> Word Count (10)  
 UserId="62846" --> Word Count (1)  
 UserId="29169" Comment="formatting and title edits" --> Word Count (140)  
 UserId="77708" Comment="added 5 characters in body" --> Word Count (141)  
 UserId="62641" Comment="added 636 characters in body" --> Word Count (205)  
 UserId="79062" Comment="added 349 characters in body" --> Word Count (112)  
 UserId="79062" Comment="added 442 characters in body; deleted 5 characters in body" --> Word Count (187)  
 UserId="77973" Comment="added 167 characters in body" --> Word Count (96)  
 UserId="47956" --> Word Count (15)

UserId="32192" --> Word Count (130)  
 UserId="32192" --> Word Count (9)  
 UserId="32192" --> Word Count (1)  
 UserId="56883" --> Word Count (229)  
 UserId="56883" --> Word Count (8)  
 UserId="56883" --> Word Count (1)  
 UserId="75703" --> Word Count (420)  
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 UserId="78416" --> Word Count (11)  
 UserId="78416" --> Word Count (1)  
 UserId="71442" --> Word Count (114)  
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 UserId="201" --> Word Count (129)  
 UserId="79006" --> Word Count (51)  
 UserId="79006" --> Word Count (5)  
 UserId="79006" --> Word Count (1)  
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 UserId="79006" Comment="edited tags" --> Word Count (1)  
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 UserId="79088" --> Word Count (124)  
 UserId="79088" --> Word Count (11)  
 UserId="79088" --> Word Count (1)  
 UserId="79087" --> Word Count (46)  
 UserId="45264" Comment="Formatting" --> Word Count (58)  
 UserId="79085" --> Word Count (163)  
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 UserId="65131" --> Word Count (92)  
 UserId="65767" --> Word Count (254)  
 UserId="78416" Comment="Corrected the grammar." --> Word Count (133)  
 UserId="65131" Comment="Corrected the grammar + removed &quot;Standardize&quot;  
 (not statistically correct)" --> Word Count (133)  
 UserId="65767" --> Word Count (90)  
 UserId="71442" --> Word Count (78)  
 UserId="79081" Comment="deleted 67 characters in body" --> Word Count (98)  
 UserId="71442" Comment="code highlighting" --> Word Count (23)  
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 UserId="79037" Comment="edited tags" --> Word Count (34)  
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 UserId="64377" --> Word Count (126)  
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 UserId="29575" Comment="Remove extra commentary" --> Word Count (190)  
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 UserId="79102" --> Word Count (1)  
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 UserId="79107" --> Word Count (55)  
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 UserId="76236" --> Word Count (1)  
 UserId="27144" Comment="Update about fine tuning" --> Word Count (97)  
 UserId="55122" --> Word Count (130)  
 UserId="79114" --> Word Count (112)  
 UserId="55122" --> Word Count (97)  
 UserId="79113" --> Word Count (155)  
 UserId="79113" --> Word Count (6)  
 UserId="79113" --> Word Count (1)  
 UserId="32192" --> Word Count (22)  
 UserId="55122" --> Word Count (9)  
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 UserId="53001" --> Word Count (1)  
 UserId="53001" Comment="edited title" --> Word Count (8)  
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 UserId="65131" --> Word Count (100)  
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 UserId="79110" --> Word Count (19)  
 UserId="79110" --> Word Count (1)  
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 UserId="76177" --> Word Count (3)  
 UserId="76177" --> Word Count (1)  
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 UserId="70478" --> Word Count (1)  
 UserId="79129" --> Word Count (56)  
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 UserId="50355" --> Word Count (1)  
 UserId="29169" --> Word Count (287)  
 UserId="29169" Comment="tag edit etc" --> Word Count (1)  
 UserId="30959" --> Word Count (133)  
 UserId="30959" --> Word Count (6)  
 UserId="30959" --> Word Count (1)  
 UserId="29169" Comment="formatting for readability" --> Word Count (137)  
 UserId="29169" Comment="formatting for readability" --> Word Count (56)  
 UserId="64377" Text="As far as I know [topic segmentation][1] is not a particularly easy task with clean data, so it's likely to be challenging with noisy old French. &#xD;&#xA;&#xD;&#xA;It's not exactly the same problem so I'm not sure if this is useful but you might want to look into using stylistic features in order to help the model detect the changes between articles. There has been a fair amount of work on the task of \*style change detection\* as part of the [PAN series][2] (the task has run for 3 years, results and papers are available from the previous years).&#xD;&#xA;&#xD;&#xA;Hope this helps.&#xD;&#xA;&#xD;&#xA;&#xD;&#xA; [1]: <https://en.wikipedia.org/wiki/> --> Word Count (4)  
 UserId="79113" Comment="edited body" --> Word Count (155)  
 UserId="78756" --> Word Count (163)  
 UserId="78756" --> Word Count (6)  
 UserId="78756" --> Word Count (1)  
 UserId="30959" Comment="added 173 characters in body" --> Word Count (163)  
 UserId="56433" --> Word Count (35)  
 UserId="56433" --> Word Count (7)  
 UserId="56433" --> Word Count (1)  
 UserId="33922" --> Word Count (97)  
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 UserId="79134" --> Word Count (1)

UserId="79134" Comment="edited title" --> Word Count (10)  
 UserId="79134" Comment="edited title" --> Word Count (128)  
 UserId="78512" --> Word Count (40)  
 UserId="78512" --> Word Count (2)  
 UserId="78512" --> Word Count (1)  
 UserId="79134" Comment="added 294 characters in body" --> Word Count (176)  
 UserId="78674" --> Word Count (1229)  
 UserId="27823" --> Word Count (51)  
 UserId="27823" --> Word Count (13)  
 UserId="27823" --> Word Count (1)  
 UserId="27823" Comment="added 439 characters in body" --> Word Count (146)  
 UserId="76779" --> Word Count (161)  
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 UserId="79142" --> Word Count (131)  
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 UserId="79143" --> Word Count (70)  
 UserId="79143" --> Word Count (10)  
 UserId="79143" --> Word Count (1)  
 UserId="29169" Comment="minor edits for clarity" --> Word Count (610)  
 UserId="73930" --> Word Count (106)  
 UserId="73930" --> Word Count (3)  
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 UserId="79006" --> Word Count (1)  
 UserId="64381" --> Word Count (182)  
 UserId="64381" --> Word Count (7)  
 UserId="64381" --> Word Count (1)  
 UserId="40853" --> Word Count (120)  
 UserId="76546" Comment="improve readability" --> Word Count (38)  
 UserId="68025" Comment="Enhanced" --> Word Count (86)  
 UserId="55122" Comment="added 121 characters in body" --> Word Count (153)  
 UserId="79152" --> Word Count (58)  
 UserId="77875" Comment="Reiterating language used by the OP, `n\_outputs`" -->  
 Word Count (131)  
 UserId="55122" Comment="Reiterating language used by the OP, `n\_outputs`" -->  
 Word Count (125)  
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 UserId="27823" Comment="added 129 characters in body" --> Word Count (165)  
 UserId="23204" --> Word Count (308)

UserId="65675" Comment="fixed minor typos" --> Word Count (277)  
 UserId="201" --> Word Count (252)  
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 UserId="-1" Comment="104" --> Word Count (2)  
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 UserId="54754" --> Word Count (8)  
 UserId="54754" --> Word Count (1)  
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 UserId="32243" --> Word Count (69)  
 UserId="32243" --> Word Count (5)  
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 UserId="62700" --> Word Count (83)  
 UserId="62700" --> Word Count (9)  
 UserId="62700" --> Word Count (1)  
 UserId="65767" Comment="added 720 characters in body" --> Word Count (224)  
 UserId="74525" --> Word Count (69)  
 UserId="74525" --> Word Count (15)  
 UserId="74525" --> Word Count (1)  
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 UserId="71383" --> Word Count (5)  
 UserId="71383" --> Word Count (1)  
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 UserId="74525" Comment="added 74 characters in body; edited tags" --> Word Count (1)  
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 UserId="12215" Comment="deleted 1 character in body" --> Word Count (359)  
 UserId="41728" --> Word Count (124)  
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 UserId="79176" --> Word Count (7)  
 UserId="79176" --> Word Count (1)  
 UserId="21668" --> Word Count (174)  
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 UserId="21668" Comment="added 51 characters in body" --> Word Count (183)  
 UserId="74525" Comment="corrected spelling" --> Word Count (206)  
 UserId="29575" Comment="corrected spelling" --> Word Count (206)  
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 UserId="29575" Comment="Minor formatting" --> Word Count (169)  
 UserId="67412" --> Word Count (128)  
 UserId="21668" Comment="Taking Stephen comment into account" --> Word Count (187)  
 UserId="75627" --> Word Count (175)  
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 UserId="55122" --> Word Count (44)  
 UserId="-1" Comment="103" --> Word Count (3)  
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 UserId="73393" --> Word Count (104)  
 UserId="73393" --> Word Count (5)  
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 UserId="37363" --> Word Count (93)  
 UserId="37363" --> Word Count (9)  
 UserId="37363" --> Word Count (1)  
 UserId="56345" --> Word Count (23)  
 UserId="27432" --> Word Count (120)  
 UserId="55122" Comment="added 249 characters in body" --> Word Count (87)  
 UserId="27432" --> Word Count (158)  
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UserId="79186" --> Word Count (1)  
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 UserId="30121" --> Word Count (9)  
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 UserId="75374" --> Word Count (58)  
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 UserId="69822" --> Word Count (7)  
 UserId="69822" --> Word Count (1)  
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 UserId="79058" --> Word Count (12)  
 UserId="79058" --> Word Count (1)  
 UserId="45264" --> Word Count (73)  
 UserId="45264" Comment="added 825 characters in body" --> Word Count (200)  
 UserId="79188" --> Word Count (244)  
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 UserId="79188" --> Word Count (1)  
 UserId="27432" Comment="corrected some spelling, swapped POS for NER" --> Word Count (158)  
 UserId="79193" --> Word Count (269)  
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 UserId="924" Comment="edited tags" --> Word Count (1)  
 UserId="27432" --> Word Count (353)  
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 UserId="29169" Comment="edited body" --> Word Count (287)  
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 UserId="77949" --> Word Count (18)  
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 UserId="79198" --> Word Count (236)  
 UserId="79198" --> Word Count (5)  
 UserId="79198" --> Word Count (1)  
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 UserId="79201" --> Word Count (1)  
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 UserId="79203" --> Word Count (8)  
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 UserId="68025" --> Word Count (189)  
 UserId="29169" Comment="cleaned up question" --> Word Count (45)



UserId="77949" Comment="added 126 characters in body" --> Word Count (135)  
UserId="79203" Comment="added 8 characters in body" --> Word Count (121)  
UserId="32243" --> Word Count (51)  
UserId="32243" Comment="format text" --> Word Count (134)  
UserId="32243" Comment="format text" --> Word Count (152)  
UserId="29575" Comment="103" --> Word Count (2)  
UserId="78867" --> Word Count (179)  
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UserId="78867" --> Word Count (1)  
UserId="78867" Comment="added 22 characters in body" --> Word Count (183)  
UserId="78867" Comment="added 8 characters in body" --> Word Count (187)  
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UserId="76411" --> Word Count (16)  
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UserId="8820" --> Word Count (360)  
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UserId="8820" --> Word Count (1)  
UserId="79088" --> Word Count (165)  
UserId="79088" --> Word Count (8)  
UserId="79088" --> Word Count (1)  
UserId="32243" Comment="format text" --> Word Count (187)  
UserId="65767" --> Word Count (122)  
UserId="8820" Comment="edited tags" --> Word Count (1)  
UserId="1093" --> Word Count (245)  
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UserId="1093" --> Word Count (719)  
UserId="60240" --> Word Count (113)  
UserId="8820" Comment="added 239 characters in body" --> Word Count (391)

UserId="201" --> Word Count (338)  
UserId="69822" Comment="edited body" --> Word Count (75)  
UserId="201" --> Word Count (112)  
UserId="201" --> Word Count (105)  
UserId="70336" --> Word Count (1973)  
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UserId="61484" --> Word Count (7)  
UserId="201" --> Word Count (104)  
UserId="78867" --> Word Count (146)  
UserId="79227" --> Word Count (55)  
UserId="70169" --> Word Count (304)  
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UserId="70169" --> Word Count (1)  
UserId="79225" --> Word Count (113)  
UserId="71442" --> Word Count (230)  
UserId="34269" --> Word Count (82)  
UserId="71442" Comment="deleted 31 characters in body" --> Word Count (217)  
UserId="79110" --> Word Count (142)  
UserId="71442" --> Word Count (198)  
UserId="-1" --> Word Count (1)  
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UserId="-1" --> Word Count (1)  
UserId="-1" --> Word Count (1)  
UserId="79228" --> Word Count (407)  
UserId="79228" Text=" --> Word Count (8)  
UserId="79228" --> Word Count (1)  
UserId="38556" Comment="added 86 characters in body" --> Word Count (101)  
UserId="79227" --> Word Count (172)  
UserId="71442" --> Word Count (127)  
UserId="54754" Comment="added 280 characters in body" --> Word Count (57)  
UserId="29157" --> Word Count (3045)  
UserId="29157" --> Word Count (7)  
UserId="29157" --> Word Count (1)  
UserId="79199" Comment="added 539 characters in body" --> Word Count (468)  
UserId="79231" --> Word Count (132)  
UserId="79231" --> Word Count (15)  
UserId="79231" --> Word Count (1)  
UserId="71442" Comment="code highlighting" --> Word Count (141)  
UserId="71442" Comment="tex code editing" --> Word Count (58)  
UserId="78416" --> Word Count (120)  
UserId="78416" --> Word Count (9)  
UserId="78416" --> Word Count (1)  
UserId="79235" --> Word Count (100)  
UserId="79235" --> Word Count (6)  
UserId="79235" --> Word Count (1)

UserId="60310" --> Word Count (184)  
 UserId="60310" --> Word Count (4)  
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 UserId="201" Comment="added 76 characters in body" --> Word Count (10)  
 UserId="201" Comment="added 573 characters in body" --> Word Count (62)  
 UserId="201" Comment="added 602 characters in body" --> Word Count (91)  
 UserId="201" Comment="added 111 characters in body" --> Word Count (15)  
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (470)  
 UserId="29575" --> Word Count (2)  
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (52)  
 UserId="29575" --> Word Count (2)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="79236" --> Word Count (83)  
 UserId="79236" --> Word Count (7)  
 UserId="79236" --> Word Count (1)  
 UserId="24166" --> Word Count (485)  
 UserId="24166" --> Word Count (9)  
 UserId="24166" --> Word Count (1)  
 UserId="30698" --> Word Count (192)  
 UserId="30698" --> Word Count (7)  
 UserId="30698" --> Word Count (1)  
 UserId="69822" Comment="added 127 characters in body" --> Word Count (93)  
 UserId="924" Comment="edited tags" --> Word Count (1)  
 UserId="79231" Comment="deleted 2 characters in body" --> Word Count (141)  
 UserId="29575" Comment="Rollback to [b4e1b309-42be-4a54-ace6-a7635a310414] -  
 Edit approval overridden by post owner or moderator" --> Word Count (1)  
 UserId="29575" Comment="Rollback to [01ca8d90-ff39-4494-bf09-e16a9e17853d] -  
 Edit approval overridden by post owner or moderator" --> Word Count (1)  
 UserId="76523" --> Word Count (47)  
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 UserId="76523" --> Word Count (1)  
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 UserId="28951" --> Word Count (103)  
 UserId="28951" Comment="added 1 character in body" --> Word Count (103)  
 UserId="28951" Comment="added 1 character in body" --> Word Count (147)  
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 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="24665" --> Word Count (38)  
 UserId="24665" --> Word Count (8)  
 UserId="24665" --> Word Count (1)  
 UserId="44865" --> Word Count (50)  
 UserId="44865" --> Word Count (16)  
 UserId="44865" --> Word Count (1)  
 UserId="79057" --> Word Count (884)  
 UserId="79057" --> Word Count (10)  
 UserId="79057" --> Word Count (1)

UserId="28951" --> Word Count (14)  
 UserId="77817" --> Word Count (125)  
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 UserId="77817" --> Word Count (1)  
 UserId="59892" --> Word Count (158)  
 UserId="77843" --> Word Count (58)  
 UserId="79055" --> Word Count (161)  
 UserId="79055" --> Word Count (8)  
 UserId="79055" --> Word Count (1)  
 UserId="201" Comment="added 106 characters in body" --> Word Count (17)  
 UserId="201" Comment="added 53 characters in body" --> Word Count (8)  
 UserId="59892" --> Word Count (195)  
 UserId="79055" Comment="added 85 characters in body" --> Word Count (177)  
 UserId="77519" --> Word Count (214)  
 UserId="77519" --> Word Count (7)  
 UserId="77519" --> Word Count (1)  
 UserId="70169" --> Word Count (545)  
 UserId="70169" --> Word Count (14)  
 UserId="70169" --> Word Count (1)  
 UserId="76109" Comment="added 9 characters in body" --> Word Count (138)  
 UserId="76109" --> Word Count (58)  
 UserId="76109" --> Word Count (5)  
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 UserId="62446" --> Word Count (10)  
 UserId="62446" --> Word Count (1)  
 UserId="79249" Text="Since (word-based) one-hot encoding and real-valued vector representations are already mentioned in the question, I would only add the n-gram representation, especially the character-based n-gram representation.&#xD;&#xA;&#xD;&#xA;For word-based [n-gram representations][1] you consider not individual words, but their ordered combinations in the text and use the one-hot encoding for the combinations. E.g. for n=2 you might end up with the bigrams [‘John likes’, ‘likes to’, ‘to watch’, ‘watch movies’] and each of them would be assigned to some dimension using a static index.&#xD;&#xA;&#xD;&#xA;This also works with characters, so you can represent the word ‘encoding’ e.g. with those 3-grams: [‘enc’, ‘nco’, ‘cod’, ‘odi’, ‘din’, ‘ing’]. This is especially useful for languages with rich [morphology][2] and/or [compound][3] words. In a one-hot representation each single word form would be encoded in its own dimension where a character n-gram approach might help preserve similarity between different forms. An example in the English language would be the similarity between ‘encode’, ‘encoded’ and ‘encoding’ which would stay preserved this way. Similar techniques are used also by some word embedding algorithms which consider subword information like e.g. [Fast --> Word Count

(75)

UserId="79087" --> Word Count (104)

UserId="79249" Comment="added 182 characters in body; edited body" Text="Since (word-based) one-hot encoding and real-valued vector representations are already mentioned in the question, I would only add the n-gram representation, especially the character-based n-gram representation.&#xD;&#xA;&#xD;&#xA;For word-based [n-gram representations][1] you consider not individual words, but their ordered combinations in the text and use the one-hot encoding for the combinations. E.g. for n=2 you might end up with the bigrams [‘John likes’, ‘likes to’, ‘to watch’, ‘watch movies’] and each of them would be assigned to some dimension using a static index.&#xD;&#xA;&#xD;&#xA;This also works with characters, so you can represent the word ‘encoding’ e.g. with those 3-grams: [‘enc’, ‘nc’, ‘cod’, ‘odi’, ‘din’, ‘ing’]. The one-hot encodings of n-grams are typically added, so multiple occurrences of the same n-gram are recognizable in the resulting Bag-of-n-grams representation. This kind of representation is especially useful for languages with rich [morphology][2] and/or [compound][3] words. In a one-hot representation each single word form would be encoded in its own dimension whereas a character n-gram approach helps preserve similarity between different forms. An example in the English language would be the similarity between ‘encode’, ‘encoded’ and ‘encoding’ which would stay preserved this way. Similar techniques are also used by some word embedding algorithms which consider subword information like e.g. [Fast --> Word Count (75)

UserId="79249" Comment="typo" Text="Since (word-based) one-hot encoding and real-valued vector representations are already mentioned in the question, I would only add the n-gram representation, especially the character-based n-gram representation.&#xD;&#xA;&#xD;&#xA;For word-based [n-gram representations][1] you consider not individual words, but their ordered combinations in the text and use the one-hot encoding for the combinations. E.g. for n=2 you might end up with the bigrams [‘John likes’, ‘likes to’, ‘to watch’, ‘watch movies’] and each of them would be assigned to some dimension using a static index.&#xD;&#xA;&#xD;&#xA;This also works with characters, so you can represent the word ‘encoding’ e.g. with those 3-grams: [‘enc’, ‘nc’, ‘cod’, ‘odi’, ‘din’, ‘ing’]. The one-hot encodings of n-grams are typically added, so multiple occurrences of the same n-gram are recognizable in the resulting Bag-of-n-grams representation. This kind of representation is especially useful for languages with rich [morphology][2] and/or [compound][3] words. In a one-hot representation each single word form would be encoded in its own dimension whereas a character n-gram approach helps preserve similarity between different forms. An example in the English language would be the similarity between ‘encode’, ‘encoded’ and ‘encoding’ which would stay preserved this way. Similar techniques are also used by some word embedding algorithms which consider subword information like e.g. [Fast --> Word Count (75)

UserId="29575" Comment="Minor formatting" --> Word Count (104)

UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="16928" --> Word Count (77)  
 UserId="16928" --> Word Count (8)  
 UserId="16928" --> Word Count (1)  
 UserId="71140" --> Word Count (20)  
 UserId="54845" --> Word Count (70)  
 UserId="54845" --> Word Count (8)  
 UserId="54845" --> Word Count (1)  
 UserId="71297" --> Word Count (63)  
 UserId="71442" --> Word Count (183)  
 UserId="62446" Comment="Fixed formatting issues" --> Word Count (131)  
 UserId="201" Comment="added 144 characters in body" --> Word Count (18)  
 UserId="201" Comment="Add missing excerpt " --> Word Count (10)  
 UserId="67412" Comment="added 575 characters in body" --> Word Count (259)  
 UserId="67412" --> Word Count (23)  
 UserId="79261" --> Word Count (321)  
 UserId="79261" --> Word Count (16)  
 UserId="79261" --> Word Count (1)  
 UserId="62128" --> Word Count (420)  
 UserId="62128" --> Word Count (12)  
 UserId="62128" --> Word Count (1)  
 UserId="79262" --> Word Count (1893)  
 UserId="79262" --> Word Count (6)  
 UserId="79262" --> Word Count (1)  
 UserId="64377" --> Word Count (371)  
 UserId="76546" Comment="improve readability" --> Word Count (203)  
 UserId="71256" --> Word Count (262)  
 UserId="71256" --> Word Count (4)  
 UserId="71256" --> Word Count (1)  
 UserId="201" Comment="added 136 characters in body" --> Word Count (19)  
 UserId="77949" --> Word Count (219)  
 UserId="77949" --> Word Count (5)  
 UserId="77949" --> Word Count (1)  
 UserId="924" --> Word Count (33)  
 UserId="79249" --> Word Count (228)  
 UserId="79249" Comment="Fix formatting for 2^n" --> Word Count (228)  
 UserId="45264" Comment="small improvements " --> Word Count (323)  
 UserId="69644" --> Word Count (108)  
 UserId="69644" --> Word Count (17)  
 UserId="69644" --> Word Count (1)  
 UserId="64377" --> Word Count (167)  
 UserId="79249" --> Word Count (112)  
 UserId="79267" --> Word Count (28)  
 UserId="79198" Comment="changed the title to a question" --> Word Count (8)  
 UserId="32243" Text="My dataset looks like this&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;";

Sport_Type	City	Report_Text
Labels&#xD;&#xA;	Ball	Toronto
best soccer player...	Soccer&#xD;&#xA;	Swimming
Today's new records in Butterfly Stroke & Backstroke...	Butterfly	London
Swimming, Backstroke Swimming, Front Crawl&#xD;&#xA;	Ball	Chicago
Tennis and basketball along with football has...	Tennis, basketball,	
Soccer&#xD;&#xA;	Fighting	Sydney
judo, and...	Boxing, Judo, Karate&#xD;&#xA;	Horse
Melbourne	Melbourne Cup is the race that stops the nation...	Horse
Racing&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;	I can build multi label model to	
identify labels in each `Report_ --> Word Count (38)		
UserId="32243"	--> Word Count (8)	
UserId="32243"	--> Word Count (1)	
UserId="32243"	Comment="via Vote" --> Word Count (1)	
UserId="32243"	--> Word Count (1)	
UserId="55122"	--> Word Count (75)	
UserId="79262"	Comment="added 1 character in body" --> Word Count (1893)	
UserId="79262"	Comment="added 1 character in body" --> Word Count (8)	
UserId="17916"	--> Word Count (126)	
UserId="17916"	--> Word Count (7)	
UserId="17916"	--> Word Count (1)	
UserId="29157"	--> Word Count (358)	
UserId="79037"	--> Word Count (67)	
UserId="79037"	--> Word Count (12)	
UserId="79037"	--> Word Count (1)	
UserId="79275"	--> Word Count (122)	
UserId="79275"	--> Word Count (8)	
UserId="79275"	--> Word Count (1)	
UserId="78443"	--> Word Count (29)	
UserId="924"	--> Word Count (34)	
UserId="65131"	--> Word Count (257)	
UserId="71442"	--> Word Count (72)	
UserId="65131"	--> Word Count (73)	
UserId="59892"	--> Word Count (138)	
UserId="79278"	--> Word Count (221)	
UserId="79278"	--> Word Count (10)	
UserId="79278"	--> Word Count (1)	
UserId="67412"	Comment="added 1691 characters in body" --> Word Count (291)	
UserId="77164"	--> Word Count (82)	
UserId="77164"	--> Word Count (5)	
UserId="77164"	--> Word Count (1)	
UserId="67412"	Comment="added 873 characters in body" --> Word Count (390)	
UserId="60902"	--> Word Count (52)	
UserId="60902"	--> Word Count (14)	
UserId="60902"	--> Word Count (1)	
UserId="79249"	--> Word Count (128)	
UserId="27432"	--> Word Count (298)	
UserId="67412"	Comment="added 873 characters in body" --> Word Count (557)	

UserId="44707" --> Word Count (569)  
UserId="44707" --> Word Count (7)  
UserId="44707" --> Word Count (1)  
UserId="44707" Comment="deleted 1 character in body" --> Word Count (570)  
UserId="79278" --> Word Count (122)  
UserId="79278" --> Word Count (9)  
UserId="79278" --> Word Count (1)  
UserId="67412" Comment="added 2 characters in body" --> Word Count (291)  
UserId="44707" Comment="deleted 6 characters in body" --> Word Count (570)  
UserId="-1" --> Word Count (1)  
UserId="-1" --> Word Count (1)  
UserId="-1" --> Word Count (1)  
UserId="-1" --> Word Count (1)  
UserId="77450" --> Word Count (57)  
UserId="79287" --> Word Count (42)  
UserId="79287" --> Word Count (6)  
UserId="79287" --> Word Count (1)  
UserId="29169" Comment="code formatting" --> Word Count (194)  
UserId="64377" --> Word Count (205)  
UserId="63181" --> Word Count (154)  
UserId="63181" --> Word Count (8)  
UserId="63181" --> Word Count (1)  
UserId="78290" --> Word Count (119)  
UserId="60622" --> Word Count (82)  
UserId="60622" --> Word Count (7)  
UserId="60622" --> Word Count (1)  
UserId="27432" --> Word Count (132)  
UserId="67412" Comment="deleted 1 character in body" --> Word Count (557)  
UserId="65131" Comment="corrected typo" --> Word Count (262)  
UserId="44707" --> Word Count (132)  
UserId="44707" --> Word Count (10)  
UserId="44707" --> Word Count (1)  
UserId="67412" Comment="added 133 characters in body" --> Word Count (580)  
UserId="-1" --> Word Count (1)  
UserId="27432" Comment="I processed some of the extra information in the answer"  
--> Word Count (153)  
UserId="67412" Comment="added 561 characters in body" --> Word Count (109)  
UserId="67412" Comment="added 95 characters in body" --> Word Count (265)  
UserId="79016" --> Word Count (31)  
UserId="79016" --> Word Count (4)  
UserId="79016" --> Word Count (1)  
UserId="60622" Comment="more details" --> Word Count (453)  
UserId="201" Comment="added 179 characters in body" --> Word Count (26)  
UserId="79016" Comment="added 270 characters in body" --> Word Count (81)  
UserId="67537" --> Word Count (235)  
UserId="67537" --> Word Count (9)  
UserId="67537" --> Word Count (1)  
UserId="79040" --> Word Count (258)



UserId="79040" --> Word Count (8)  
 UserId="79040" --> Word Count (1)  
 UserId="79016" Comment="added 88 characters in body" --> Word Count (100)  
 UserId="68023" --> Word Count (315)  
 UserId="55122" Comment="remove 'regularization' from title and tag; add lightgbm tag" --> Word Count (7)  
 UserId="55122" Comment="remove 'regularization' from title and tag; add lightgbm tag" --> Word Count (1)  
 UserId="33245" Comment="corrected spelling" --> Word Count (194)  
 UserId="79301" Text="I am getting value error while trying to classify using TfidfVectorizer. I have looked in the link below but couldn't able to find a solution.&#xD;&#xA;&#xD;&#xA;[https://datascience.stackexchange.com/questions/38267/binary-text-classification-with-tfidfvectorizer-gives-valueerror-setting-an-arr][1]&#xD;&#xA;&#xD;&#xA;The code is as below. I know it is because of train\_test\_split but no clue. please help.&#xD;&#xA;&#xD;&#xA; from sklearn.feature\_extraction.text import TfidfVectorizer&#xD;&#xA; tf\_idf=TfidfVectorizer(stop\_words='english',strip\_accents='ascii',max\_features=500)&#xD;&#xA; ; &#xD;&#xA; tf\_idf\_matrix=tf\_idf.fit\_transform(data['Text'])&#xD;&#xA; &#xD;&#xA; data\_extra\_features=pd.concat([data,pd.DataFrame(tf\_idf\_matrix.toarray(),columns=tf\_idf.get\_feature\_names())],axis=1)&#xD;&#xA; from sklearn.model\_selection import train\_test\_split&#xD;&#xA; X=data\_extra\_features&#xD;&#xA; features=X.columns.drop(['Value'],' --> Word Count (144)  
 UserId="79301" --> Word Count (16)  
 UserId="79301" --> Word Count (1)  
 UserId="79297" --> Word Count (229)  
 UserId="79297" --> Word Count (7)  
 UserId="79297" --> Word Count (1)  
 UserId="79302" --> Word Count (167)  
 UserId="79302" --> Word Count (10)  
 UserId="79302" --> Word Count (1)  
 UserId="78443" --> Word Count (48)  
 UserId="78443" Comment="via Vote" --> Word Count (1)  
 UserId="79305" --> Word Count (82)  
 UserId="79305" --> Word Count (22)  
 UserId="79305" --> Word Count (1)  
 UserId="78443" Comment="added 127 characters in body" --> Word Count (101)  
 UserId="78443" --> Word Count (1)  
 UserId="46464" --> Word Count (88)  
 UserId="78443" Comment="added 64 characters in body" --> Word Count (108)  
 UserId="79303" --> Word Count (614)  
 UserId="79303" --> Word Count (10)  
 UserId="79303" --> Word Count (1)  
 UserId="924" --> Word Count (38)  
 UserId="78443" Comment="fixed grammar" --> Word Count (74)  
 UserId="79310" --> Word Count (223)  
 UserId="79310" --> Word Count (14)  
 UserId="79310" --> Word Count (1)

UserId="78443" --> Word Count (129)  
 UserId="64377" --> Word Count (137)  
 UserId="67427" --> Word Count (57)  
 UserId="77650" --> Word Count (62)  
 UserId="77650" --> Word Count (8)  
 UserId="77650" --> Word Count (1)  
 UserId="67412" Comment="added 375 characters in body" --> Word Count (623)  
 UserId="74855" --> Word Count (94)  
 UserId="74855" --> Word Count (10)  
 UserId="74855" --> Word Count (1)  
 UserId="78997" --> Word Count (74)  
 UserId="78997" --> Word Count (2)  
 UserId="78997" --> Word Count (1)  
 UserId="79322" --> Word Count (184)  
 UserId="79322" --> Word Count (12)  
 UserId="79322" --> Word Count (1)  
 UserId="79322" Comment="added 206 characters in body" --> Word Count (221)  
 UserId="68013" --> Word Count (472)  
 UserId="68013" --> Word Count (8)  
 UserId="68013" --> Word Count (1)  
 UserId="68013" --> Word Count (27)  
 UserId="68013" Comment="edited title" --> Word Count (11)  
 UserId="67412" --> Word Count (86)  
 UserId="79321" --> Word Count (280)  
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 UserId="79321" --> Word Count (1)  
 UserId="78997" Comment="added 48 characters in body" --> Word Count (80)  
 UserId="49268" --> Word Count (168)  
 UserId="49268" --> Word Count (10)  
 UserId="49268" --> Word Count (1)  
 UserId="64076" --> Word Count (70)  
 UserId="79328" --> Word Count (12)  
 UserId="64076" --> Word Count (29)  
 UserId="68013" Comment="edited title" --> Word Count (10)  
 UserId="68013" Comment="edited title" --> Word Count (471)  
 UserId="2459" --> Word Count (186)  
 UserId="79331" --> Word Count (154)  
 UserId="79331" --> Word Count (16)  
 UserId="79331" --> Word Count (1)  
 UserId="68013" Comment="added 15 characters in body" --> Word Count (472)  
 UserId="79331" Comment="added 127 characters in body" --> Word Count (271)  
 UserId="2459" --> Word Count (246)  
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 UserId="2459" --> Word Count (166)  
 UserId="71442" Comment="code highlighting" --> Word Count (16)  
 UserId="76779" --> Word Count (86)  
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 UserId="76779" --> Word Count (1)

UserId="29575" Comment="Minor grammar / formatting" --> Word Count (21)  
 UserId="29575" Comment="104" --> Word Count (2)  
 UserId="64377" --> Word Count (128)  
 UserId="60445" --> Word Count (28)  
 UserId="76523" --> Word Count (92)  
 UserId="76523" --> Word Count (8)  
 UserId="76523" --> Word Count (1)  
 UserId="79134" Comment="added 277 characters in body; edited title" --> Word Count (220)  
 UserId="79134" Comment="added 277 characters in body; edited title" --> Word Count (8)  
 UserId="924" --> Word Count (101)  
 UserId="69770" --> Word Count (75)  
 UserId="69770" --> Word Count (12)  
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 UserId="75174" --> Word Count (94)  
 UserId="75174" --> Word Count (12)  
 UserId="75174" --> Word Count (1)  
 UserId="75174" Comment="edited title" --> Word Count (13)  
 UserId="64377" --> Word Count (209)  
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 UserId="13023" --> Word Count (97)  
 UserId="13023" --> Word Count (9)  
 UserId="13023" --> Word Count (1)  
 UserId="79348" --> Word Count (54)  
 UserId="79348" --> Word Count (5)  
 UserId="79348" --> Word Count (1)  
 UserId="64377" --> Word Count (227)  
 UserId="59028" --> Word Count (1591)  
 UserId="59028" --> Word Count (10)  
 UserId="59028" --> Word Count (1)  
 UserId="60445" Comment="added 4 characters in body" --> Word Count (28)  
 UserId="79357" --> Word Count (168)  
 UserId="78443" --> Word Count (60)  
 UserId="78443" Comment="clearifing the title" --> Word Count (88)  
 UserId="78443" Comment="clearifing the title" --> Word Count (5)  
 UserId="79362" --> Word Count (224)  
 UserId="79362" --> Word Count (9)  
 UserId="79362" --> Word Count (1)  
 UserId="76343" --> Word Count (88)  
 UserId="76343" --> Word Count (9)  
 UserId="76343" --> Word Count (1)  
 UserId="76343" Comment="added 419 characters in body" --> Word Count (146)  
 UserId="78312" --> Word Count (77)  
 UserId="78312" --> Word Count (4)  
 UserId="78312" --> Word Count (1)

UserId="53648" --> Word Count (351)  
 UserId="53648" --> Word Count (11)  
 UserId="53648" --> Word Count (1)  
 UserId="53648" --> Word Count (77)  
 UserId="53648" Comment="added 4 characters in body" --> Word Count (77)  
 UserId="55122" --> Word Count (603)  
 UserId="55122" --> Word Count (55)  
 UserId="71442" --> Word Count (63)  
 UserId="2459" --> Word Count (156)  
 UserId="79373" --> Word Count (524)  
 UserId="79373" --> Word Count (8)  
 UserId="79373" --> Word Count (1)  
 UserId="67412" --> Word Count (94)  
 UserId="76109" --> Word Count (69)  
 UserId="76109" --> Word Count (8)  
 UserId="76109" --> Word Count (1)  
 UserId="64377" --> Word Count (155)  
 UserId="79378" --> Word Count (37)  
 UserId="79378" --> Word Count (5)  
 UserId="79378" --> Word Count (1)  
 UserId="76396" --> Word Count (92)  
 UserId="76396" --> Word Count (7)  
 UserId="76396" --> Word Count (1)  
 UserId="55122" Comment="clarification" --> Word Count (288)  
 UserId="71442" Comment="code highlighting" --> Word Count (58)  
 UserId="62073" --> Word Count (83)  
 UserId="62073" --> Word Count (5)  
 UserId="62073" --> Word Count (1)  
 UserId="79375" --> Word Count (128)  
 UserId="79375" --> Word Count (7)  
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 UserId="45264" --> Word Count (92)  
 UserId="58170" --> Word Count (84)  
 UserId="58170" --> Word Count (5)  
 UserId="58170" --> Word Count (1)  
 UserId="79382" --> Word Count (399)  
 UserId="79382" --> Word Count (8)  
 UserId="79382" --> Word Count (1)  
 UserId="79383" --> Word Count (113)  
 UserId="77715" --> Word Count (50)  
 UserId="77715" --> Word Count (7)  
 UserId="77715" --> Word Count (1)  
 UserId="77715" Comment="added 9 characters in body; edited title" --> Word Count (50)  
 UserId="77715" Comment="added 9 characters in body; edited title" --> Word Count (15)  
 UserId="77715" Comment="edited title" --> Word Count (18)  
 UserId="67412" --> Word Count (92)

UserId="68025" --> Word Count (108)  
 UserId="68025" --> Word Count (47)  
 UserId="79385" --> Word Count (157)  
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 UserId="74421" --> Word Count (238)  
 UserId="67412" --> Word Count (262)  
 UserId="79386" --> Word Count (83)  
 UserId="79386" --> Word Count (10)  
 UserId="79386" --> Word Count (1)  
 UserId="79348" Comment="added 418 characters in body" --> Word Count (123)  
 UserId="78662" --> Word Count (51)  
 UserId="78662" --> Word Count (9)  
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 UserId="69263" --> Word Count (124)  
 UserId="69263" --> Word Count (19)  
 UserId="69263" --> Word Count (1)  
 UserId="23305" Comment="added 16 characters in body" --> Word Count (99)  
 UserId="79388" --> Word Count (269)  
 UserId="79388" --> Word Count (16)  
 UserId="79388" --> Word Count (1)  
 UserId="1330" --> Word Count (21)  
 UserId="1330" Comment="edited tags" --> Word Count (1)  
 UserId="60482" --> Word Count (123)  
 UserId="60482" --> Word Count (14)  
 UserId="60482" --> Word Count (1)  
 UserId="79357" Comment="added 39 characters in body" --> Word Count (174)  
 UserId="74003" --> Word Count (105)  
 UserId="74003" --> Word Count (51)  
 UserId="73442" --> Word Count (179)  
 UserId="73442" --> Word Count (19)  
 UserId="73442" --> Word Count (1)  
 UserId="53648" Comment="added 12 characters in body" --> Word Count (351)  
 UserId="78662" --> Word Count (49)  
 UserId="78662" --> Word Count (5)  
 UserId="78662" --> Word Count (1)  
 UserId="59028" Comment="deleted 156 characters in body" --> Word Count (1518)  
 UserId="44456" --> Word Count (269)  
 UserId="76811" --> Word Count (100)  
 UserId="76811" --> Word Count (15)  
 UserId="76811" --> Word Count (1)  
 UserId="78443" --> Word Count (150)  
 UserId="79396" --> Word Count (224)  
 UserId="79396" --> Word Count (7)  
 UserId="79396" --> Word Count (1)

UserId="63181" --> Word Count (79)  
 UserId="63181" --> Word Count (5)  
 UserId="63181" --> Word Count (1)  
 UserId="79287" --> Word Count (480)  
 UserId="79287" --> Word Count (6)  
 UserId="79287" --> Word Count (1)  
 UserId="61883" --> Word Count (55)  
 UserId="61883" --> Word Count (10)  
 UserId="61883" --> Word Count (1)  
 UserId="79275" --> Word Count (80)  
 UserId="79275" --> Word Count (9)  
 UserId="79275" --> Word Count (1)  
 UserId="69770" --> Word Count (64)  
 UserId="69770" --> Word Count (14)  
 UserId="69770" --> Word Count (1)  
 UserId="67412" Comment="added 551 characters in body" --> Word Count (327)  
 UserId="61883" Comment="edited title" --> Word Count (9)  
 UserId="67412" Comment="added 79 characters in body" --> Word Count (330)  
 UserId="79403" --> Word Count (13)  
 UserId="78381" --> Word Count (108)  
 UserId="77743" --> Word Count (214)  
 UserId="78381" --> Word Count (136)  
 UserId="78381" --> Word Count (192)  
 UserId="44456" Comment="typos" --> Word Count (274)  
 UserId="79404" --> Word Count (89)  
 UserId="79404" --> Word Count (9)  
 UserId="79404" --> Word Count (1)  
 UserId="29575" Comment="Minor formatting" --> Word Count (111)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (105)  
 UserId="29575" Comment="Fix typo" --> Word Count (172)  
 UserId="79409" --> Word Count (68)  
 UserId="79409" --> Word Count (8)  
 UserId="79409" --> Word Count (1)  
 UserId="29575" Comment="Add comments" --> Word Count (128)  
 UserId="75549" --> Word Count (258)  
 UserId="75549" --> Word Count (19)  
 UserId="75549" --> Word Count (1)  
 UserId="68023" --> Word Count (35)  
 UserId="74003" Comment="added 10 characters in body" --> Word Count (116)  
 UserId="77743" --> Word Count (62)  
 UserId="76546" --> Word Count (217)  
 UserId="79413" --> Word Count (180)  
 UserId="79413" --> Word Count (6)  
 UserId="79413" --> Word Count (1)  
 UserId="79412" --> Word Count (27)  
 UserId="78381" Comment="added 6 characters in body" --> Word Count (140)  
 UserId="78808" --> Word Count (150)  
 UserId="78808" --> Word Count (10)

UserId="78808" --> Word Count (1)  
 UserId="79416" --> Word Count (416)  
 UserId="79416" --> Word Count (19)  
 UserId="79416" --> Word Count (1)  
 UserId="303" --> Word Count (53)  
 UserId="74760" --> Word Count (91)  
 UserId="74760" --> Word Count (16)  
 UserId="74760" --> Word Count (1)  
 UserId="303" --> Word Count (142)  
 UserId="303" --> Word Count (6)  
 UserId="303" --> Word Count (1)  
 UserId="74003" --> Word Count (46)  
 UserId="303" Comment="added 631 characters in body" --> Word Count (227)  
 UserId="79421" --> Word Count (128)  
 UserId="79421" --> Word Count (6)  
 UserId="79421" --> Word Count (1)  
 UserId="55122" --> Word Count (227)  
 UserId="67412" Comment="formatted table and fixed grammar until the end of his first question. No idea what the other questions are about. So I cannot correct the grammar there." --> Word Count (399)  
 UserId="78334" --> Word Count (292)  
 UserId="78334" --> Word Count (6)  
 UserId="78334" --> Word Count (1)  
 UserId="79426" Text="Good day. &#xD;&#xA;&#xD;&#xA;Please help to find a solution.&#xD;&#xA;I have built classification for goods to choose the best supplier (tf+keras+lstm) using [https://www.tensorflow.org/tutorials/keras/basic\\_text\\_classification](https://www.tensorflow.org/tutorials/keras/basic_text_classification) as base example.&#xD;&#xA;&#xD;&#xA;Suppliers provide goods in different categories like:&#xD;&#xA;``&#xD;&#xA;Category: 'Phones' (5k lines)&#xD;&#xA; - Supplier 1 &#xD;&#xA; - Supplier 2 &#xD;&#xA; - Supplier 3&#xD;&#xA;&#xD;&#xA;Category: 'Washing machines' (1k lines)&#xD;&#xA; - Supplier 3&#xD;&#xA; - Supplier 4&#xD;&#xA;``&#xD;&#xA;In learning set: &#xD;&#xA;``&#xD;&#xA; --> Word Count (73)  
 UserId="79426" --> Word Count (7)  
 UserId="79426" --> Word Count (1)  
 UserId="79186" --> Word Count (204)  
 UserId="79186" --> Word Count (4)  
 UserId="79186" --> Word Count (1)  
 UserId="26562" Comment="formatting" --> Word Count (78)  
 UserId="74760" --> Word Count (41)  
 UserId="74760" --> Word Count (7)  
 UserId="74760" --> Word Count (1)  
 UserId="26562" Comment="typo" --> Word Count (129)  
 UserId="79431" --> Word Count (138)  
 UserId="79431" --> Word Count (8)  
 UserId="79431" --> Word Count (1)  
 UserId="79434" --> Word Count (95)  
 UserId="74003" --> Word Count (82)

UserId="79435" --> Word Count (95)  
 UserId="79435" --> Word Count (8)  
 UserId="79435" --> Word Count (1)  
 UserId="65779" Comment="remove request to upvote; not necessary" --> Word Count (139)  
 UserId="74003" --> Word Count (99)  
 UserId="33249" --> Word Count (1054)  
 UserId="33249" --> Word Count (10)  
 UserId="33249" --> Word Count (1)  
 UserId="78334" Comment="edited tags" --> Word Count (1)  
 UserId="46360" --> Word Count (154)  
 UserId="69644" --> Word Count (40)  
 UserId="69644" --> Word Count (9)  
 UserId="69644" --> Word Count (1)  
 UserId="79441" --> Word Count (98)  
 UserId="79441" --> Word Count (8)  
 UserId="79441" --> Word Count (1)  
 UserId="26019" Comment="edited body" --> Word Count (89)  
 UserId="29575" Comment="edited body" --> Word Count (88)  
 UserId="32243" --> Word Count (305)  
 UserId="32243" --> Word Count (6)  
 UserId="32243" --> Word Count (1)  
 UserId="76779" --> Word Count (157)  
 UserId="76779" --> Word Count (18)  
 UserId="76779" --> Word Count (1)  
 UserId="78443" --> Word Count (82)  
 UserId="65133" --> Word Count (57)  
 UserId="65133" --> Word Count (5)  
 UserId="65133" --> Word Count (1)  
 UserId="79445" --> Word Count (11)  
 UserId="79445" --> Word Count (15)  
 UserId="79445" --> Word Count (1)  
 UserId="79326" --> Word Count (247)  
 UserId="58771" --> Word Count (382)  
 UserId="58771" --> Word Count (8)  
 UserId="58771" --> Word Count (1)  
 UserId="77743" --> Word Count (320)  
 UserId="79449" --> Word Count (153)  
 UserId="76811" --> Word Count (58)  
 UserId="79446" --> Word Count (128)  
 UserId="79446" --> Word Count (7)  
 UserId="79446" --> Word Count (1)  
 UserId="79451" --> Word Count (30)  
 UserId="79451" --> Word Count (12)  
 UserId="79451" --> Word Count (1)  
 UserId="79452" --> Word Count (194)  
 UserId="79452" --> Word Count (4)  
 UserId="79452" --> Word Count (1)



UserId="39751" --> Word Count (26)  
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UserId="39751" --> Word Count (1)  
UserId="79021" --> Word Count (124)  
UserId="79021" --> Word Count (11)  
UserId="79021" --> Word Count (1)  
UserId="79453" --> Word Count (18)  
UserId="79453" --> Word Count (4)  
UserId="79453" --> Word Count (1)  
UserId="59855" --> Word Count (72)  
UserId="59855" --> Word Count (14)  
UserId="59855" --> Word Count (1)  
UserId="70832" --> Word Count (49)  
UserId="70832" --> Word Count (80)  
UserId="59028" Comment="added 1775 characters in body" --> Word Count (1751)  
UserId="45264" Comment="Formatting and added link" --> Word Count (96)  
UserId="56354" --> Word Count (113)  
UserId="56354" --> Word Count (8)  
UserId="56354" --> Word Count (1)  
UserId="79448" --> Word Count (55)  
UserId="79448" --> Word Count (17)  
UserId="79448" --> Word Count (1)  
UserId="27432" --> Word Count (16)  
UserId="54754" --> Word Count (171)  
UserId="54754" --> Word Count (13)  
UserId="54754" --> Word Count (1)  
UserId="78290" --> Word Count (223)  
UserId="38793" --> Word Count (304)  
UserId="38793" --> Word Count (5)  
UserId="38793" --> Word Count (1)  
UserId="78897" --> Word Count (76)  
UserId="78897" --> Word Count (11)  
UserId="78897" --> Word Count (1)  
UserId="60902" --> Word Count (190)  
UserId="60902" --> Word Count (7)  
UserId="60902" --> Word Count (1)  
UserId="67937" --> Word Count (98)  
UserId="67937" --> Word Count (10)  
UserId="67937" --> Word Count (1)  
UserId="79462" --> Word Count (262)  
UserId="201" --> Word Count (78)  
UserId="79465" --> Word Count (45)  
UserId="79465" --> Word Count (7)  
UserId="79465" --> Word Count (1)  
UserId="201" --> Word Count (190)  
UserId="78234" --> Word Count (165)  
UserId="78234" --> Word Count (8)  
UserId="78234" --> Word Count (1)

UserId="201" Comment="edited body" --> Word Count (190)  
UserId="49731" --> Word Count (92)  
UserId="49731" --> Word Count (15)  
UserId="49731" --> Word Count (1)  
UserId="29575" Comment="101" --> Word Count (4)  
UserId="66228" Comment="Typos and spelling" --> Word Count (524)  
UserId="55122" --> Word Count (206)  
UserId="59004" --> Word Count (91)  
UserId="59004" --> Word Count (4)  
UserId="59004" --> Word Count (1)  
UserId="79473" --> Word Count (560)  
UserId="79473" --> Word Count (19)  
UserId="79473" --> Word Count (1)  
UserId="78234" --> Word Count (135)  
UserId="78234" --> Word Count (8)  
UserId="78234" --> Word Count (1)  
UserId="78234" Comment="added 50 characters in body" --> Word Count (142)  
UserId="79480" --> Word Count (225)  
UserId="79480" --> Word Count (9)  
UserId="79480" --> Word Count (1)  
UserId="59892" --> Word Count (85)  
UserId="44477" --> Word Count (96)  
UserId="44477" --> Word Count (17)  
UserId="44477" --> Word Count (1)  
UserId="160" --> Word Count (117)  
UserId="79489" --> Word Count (79)  
UserId="79489" --> Word Count (8)  
UserId="79489" --> Word Count (1)  
UserId="43077" Comment="deleted 21 characters in body" --> Word Count (328)  
UserId="76546" Comment="improve readability" --> Word Count (221)  
UserId="71297" --> Word Count (17)  
UserId="71297" --> Word Count (51)  
UserId="71297" Comment="via Vote" --> Word Count (1)  
UserId="59892" Comment="edit after OP's comment" --> Word Count (643)  
UserId="71297" Comment="added 351 characters in body" --> Word Count (68)  
UserId="71297" --> Word Count (1)  
UserId="59892" Comment="added 146 characters in body" --> Word Count (668)  
UserId="78334" Comment="edited tags" --> Word Count (1)  
UserId="66457" --> Word Count (14)  
UserId="78207" --> Word Count (143)  
UserId="59892" --> Word Count (76)  
UserId="79499" --> Word Count (87)  
UserId="79499" --> Word Count (10)  
UserId="79499" --> Word Count (1)  
UserId="79498" --> Word Count (136)  
UserId="79502" --> Word Count (94)  
UserId="79502" --> Word Count (9)  
UserId="79502" --> Word Count (1)

UserId="62846" --> Word Count (12)  
 UserId="39929" --> Word Count (44)  
 UserId="39929" --> Word Count (13)  
 UserId="39929" --> Word Count (1)  
 UserId="71297" Comment="Added more tags so it can be found by more people." -->  
 Word Count (1)  
 UserId="26562" Comment="grammar, formatting and tags" --> Word Count (351)  
 UserId="29575" Comment="Minor grammar" --> Word Count (14)  
 UserId="26019" Comment="edited body" --> Word Count (97)  
 UserId="29575" Comment="edited body" --> Word Count (98)  
 UserId="53648" Comment="added 11 characters in body" --> Word Count (351)  
 UserId="53648" Comment="added 2 characters in body" --> Word Count (351)  
 UserId="201" Comment="Added part of code based on OP comment" --> Word Count  
 (210)  
 UserId="78443" --> Word Count (146)  
 UserId="79348" --> Word Count (44)  
 UserId="79348" --> Word Count (4)  
 UserId="79348" --> Word Count (1)  
 UserId="54754" --> Word Count (71)  
 UserId="54754" --> Word Count (6)  
 UserId="54754" --> Word Count (1)  
 UserId="-1" Comment="103" --> Word Count (2)  
 UserId="71442" Comment="added 2 characters in body" --> Word Count (44)  
 UserId="71442" --> Word Count (36)  
 UserId="47826" --> Word Count (228)  
 UserId="47826" --> Word Count (13)  
 UserId="47826" --> Word Count (1)  
 UserId="47826" Comment="added 2 characters in body" --> Word Count (229)  
 UserId="39929" --> Word Count (22)  
 UserId="39929" --> Word Count (2)  
 UserId="39929" --> Word Count (1)  
 UserId="62846" --> Word Count (23)  
 UserId="79480" Comment="added 8053 characters in body" --> Word Count (1143)  
 UserId="79480" Comment="deleted 18 characters in body" --> Word Count (1143)  
 UserId="12757" --> Word Count (88)  
 UserId="12757" --> Word Count (3)  
 UserId="12757" --> Word Count (1)  
 UserId="77519" --> Word Count (85)  
 UserId="77519" --> Word Count (7)  
 UserId="77519" --> Word Count (1)  
 UserId="27432" --> Word Count (39)  
 UserId="78897" --> Word Count (150)  
 UserId="44390" --> Word Count (198)  
 UserId="76864" --> Word Count (194)  
 UserId="76864" --> Word Count (12)  
 UserId="76864" --> Word Count (1)  
 UserId="47826" Comment="edited tags" --> Word Count (1)  
 UserId="76955" --> Word Count (81)

UserId="76955" --> Word Count (12)  
 UserId="76955" --> Word Count (1)  
 UserId="2932" --> Word Count (129)  
 UserId="2932" Comment="added 1111 characters in body" --> Word Count (273)  
 UserId="29575" Comment="104" --> Word Count (3)  
 UserId="79529" --> Word Count (39)  
 UserId="79529" --> Word Count (4)  
 UserId="79529" --> Word Count (1)  
 UserId="76955" Comment="get rid of wrong formulation" --> Word Count (80)  
 UserId="79530" --> Word Count (82)  
 UserId="79530" --> Word Count (5)  
 UserId="79530" --> Word Count (1)  
 UserId="52196" Comment="improved formatting" --> Word Count (120)  
 UserId="-1" Comment="SQL does not necessarily indicate persisted data." -->  
 Word Count (50)  
 UserId="76546" Comment="improve readability" --> Word Count (38)  
 UserId="52196" Comment="improved formatting" --> Word Count (465)  
 UserId="52196" Comment="improved formatting" --> Word Count (86)  
 UserId="52196" Comment="improved formatting" --> Word Count (5)  
 UserId="73932" --> Word Count (97)  
 UserId="73932" --> Word Count (13)  
 UserId="73932" --> Word Count (1)  
 UserId="71705" --> Word Count (143)  
 UserId="71705" --> Word Count (11)  
 UserId="71705" --> Word Count (1)  
 UserId="71705" Comment="added 103 characters in body" --> Word Count (150)  
 UserId="79536" --> Word Count (232)  
 UserId="79536" --> Word Count (9)  
 UserId="79536" --> Word Count (1)  
 UserId="54509" --> Word Count (127)  
 UserId="65047" --> Word Count (79)  
 UserId="65047" --> Word Count (9)  
 UserId="65047" --> Word Count (1)  
 UserId="79538" --> Word Count (148)  
 UserId="79538" --> Word Count (9)  
 UserId="79538" --> Word Count (1)  
 UserId="54509" --> Word Count (266)  
 UserId="77162" --> Word Count (59)  
 UserId="77162" --> Word Count (10)  
 UserId="77162" --> Word Count (1)  
 UserId="77162" --> Word Count (132)  
 UserId="77162" --> Word Count (290)  
 UserId="52669" --> Word Count (67)  
 UserId="52669" --> Word Count (14)  
 UserId="52669" --> Word Count (1)  
 UserId="76955" Comment="add required output" --> Word Count (144)  
 UserId="79546" --> Word Count (153)  
 UserId="79546" --> Word Count (13)

UserId="79546" --> Word Count (1)  
 UserId="79547" --> Word Count (343)  
 UserId="79547" --> Word Count (7)  
 UserId="79547" --> Word Count (1)  
 UserId="74735" --> Word Count (677)  
 UserId="79413" Comment="edited body" --> Word Count (180)  
 UserId="79413" --> Word Count (377)  
 UserId="79413" --> Word Count (11)  
 UserId="79413" --> Word Count (1)  
 UserId="79413" Comment="added 78 characters in body" --> Word Count (391)  
 UserId="78847" --> Word Count (30)  
 UserId="78847" --> Word Count (17)  
 UserId="78847" --> Word Count (1)  
 UserId="52291" --> Word Count (71)  
 UserId="76801" --> Word Count (389)  
 UserId="76801" --> Word Count (7)  
 UserId="76801" --> Word Count (1)  
 UserId="79552" --> Word Count (44)  
 UserId="79552" --> Word Count (7)  
 UserId="79552" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="23305" Comment="to <https://stackoverflow.com/questions/57502221/how-to-convert-1d-numpy-arrays-element-wise-into-new-1d-numpy-array>" --> Word Count (1)  
 UserId="23305" Comment="102" --> Word Count (1)  
 UserId="79504" --> Word Count (77)  
 UserId="79504" --> Word Count (4)  
 UserId="79504" --> Word Count (1)  
 UserId="79556" --> Word Count (88)  
 UserId="79556" --> Word Count (12)  
 UserId="79556" --> Word Count (1)  
 UserId="79556" Comment="added 89 characters in body" --> Word Count (94)  
 UserId="55122" --> Word Count (97)  
 UserId="79504" --> Word Count (20)  
 UserId="79504" --> Word Count (7)  
 UserId="79504" --> Word Count (1)  
 UserId="2932" Comment="deleted 19 characters in body" --> Word Count (273)  
 UserId="71219" --> Word Count (466)  
 UserId="71219" Comment="added 683 characters in body" --> Word Count (579)  
 UserId="79559" --> Word Count (138)  
 UserId="79559" --> Word Count (12)  
 UserId="79559" --> Word Count (1)  
 UserId="79565" --> Word Count (139)  
 UserId="79566" --> Word Count (76)  
 UserId="79566" --> Word Count (9)  
 UserId="79566" --> Word Count (1)  
 UserId="78443" --> Word Count (127)  
 UserId="70947" --> Word Count (122)

UserId="78443" --> Word Count (68)  
 UserId="77164" --> Word Count (59)  
 UserId="77164" --> Word Count (4)  
 UserId="77164" --> Word Count (1)  
 UserId="79538" Comment="added 27 characters in body" --> Word Count (152)  
 UserId="79321" --> Word Count (413)  
 UserId="79321" --> Word Count (8)  
 UserId="79321" --> Word Count (1)  
 UserId="79448" --> Word Count (369)  
 UserId="79448" --> Word Count (13)  
 UserId="79448" --> Word Count (1)  
 UserId="71442" --> Word Count (975)  
 UserId="79374" --> Word Count (643)  
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 UserId="79374" --> Word Count (1)  
 UserId="79322" --> Word Count (114)  
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 UserId="79085" --> Word Count (125)  
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 UserId="50833" --> Word Count (70)  
 UserId="52196" Comment="improved formatting" --> Word Count (109)  
 UserId="77162" --> Word Count (28)  
 UserId="2932" --> Word Count (200)  
 UserId="77900" --> Word Count (39)  
 UserId="77162" Comment="Finished writing answer" --> Word Count (533)  
 UserId="79581" --> Word Count (45)  
 UserId="79581" --> Word Count (7)  
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 UserId="-1" --> Word Count (1)  
 UserId="23305" Comment="102" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="23305" Comment="to <https://stackoverflow.com/questions/57510848/sqlhow-distinct-statement-operates-in-this-query>" --> Word Count (2)  
 UserId="23305" Comment="102" --> Word Count (2)  
 UserId="44454" --> Word Count (151)  
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 UserId="12757" --> Word Count (4)  
 UserId="12757" --> Word Count (1)  
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 UserId="77519" --> Word Count (1)  
 UserId="77900" --> Word Count (78)  
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 UserId="54046" --> Word Count (107)  
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 UserId="79176" --> Word Count (83)  
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 UserId="79176" --> Word Count (1)  
 UserId="54046" Comment="deleted 12 characters in body" --> Word Count (106)  
 UserId="79085" --> Word Count (104)  
 UserId="79085" --> Word Count (12)  
 UserId="79085" --> Word Count (1)  
 UserId="45573" --> Word Count (350)  
 UserId="45573" --> Word Count (7)  
 UserId="45573" --> Word Count (1)  
 UserId="47286" --> Word Count (326)  
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 UserId="79596" --> Word Count (1)  
 UserId="78207" --> Word Count (316)  
 UserId="79585" --> Word Count (217)  
 UserId="79585" Comment="added 990 characters in body" --> Word Count (354)  
 UserId="79585" Comment="added 312 characters in body" --> Word Count (416)  
 UserId="79585" Comment="added 312 characters in body" --> Word Count (416)  
 UserId="79321" --> Word Count (154)  
 UserId="79321" --> Word Count (5)  
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 UserId="14439" --> Word Count (86)  
 UserId="14439" --> Word Count (9)  
 UserId="14439" --> Word Count (1)  
 UserId="77102" --> Word Count (90)  
 UserId="77102" --> Word Count (4)  
 UserId="77102" --> Word Count (1)  
 UserId="79602" --> Word Count (81)  
 UserId="79602" --> Word Count (10)  
 UserId="79602" --> Word Count (1)  
 UserId="69644" Comment="added 135 characters in body" --> Word Count (56)  
 UserId="71140" --> Word Count (123)  
 UserId="31848" --> Word Count (256)  
 UserId="31848" --> Word Count (196)  
 UserId="31848" --> Word Count (117)  
 UserId="79603" --> Word Count (42)  
 UserId="79603" --> Word Count (11)  
 UserId="79603" --> Word Count (1)

UserId="79596" Comment="re-wording" --> Word Count (257)  
 UserId="78847" --> Word Count (48)  
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 UserId="78847" --> Word Count (1)  
 UserId="76779" --> Word Count (161)  
 UserId="49700" Comment="edited body" --> Word Count (66)  
 UserId="49700" Comment="added 1 character in body" --> Word Count (99)  
 UserId="79124" --> Word Count (1387)  
 UserId="79124" --> Word Count (9)  
 UserId="79124" --> Word Count (1)  
 UserId="62846" Comment="edited body" --> Word Count (23)  
 UserId="79085" Comment="edited tags" --> Word Count (1)  
 UserId="79085" Comment="edited tags" --> Word Count (1)  
 UserId="79271" --> Word Count (289)  
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 UserId="79271" --> Word Count (1)  
 UserId="79606" --> Word Count (87)  
 UserId="76421" --> Word Count (99)  
 UserId="79600" --> Word Count (210)  
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 UserId="79600" --> Word Count (1)  
 UserId="79600" --> Word Count (11)  
 UserId="79610" --> Word Count (97)  
 UserId="79610" --> Word Count (8)  
 UserId="79610" --> Word Count (1)  
 UserId="43808" --> Word Count (145)  
 UserId="43808" --> Word Count (16)  
 UserId="43808" --> Word Count (1)  
 UserId="79516" --> Word Count (303)  
 UserId="79516" --> Word Count (15)  
 UserId="79516" --> Word Count (1)  
 UserId="79613" --> Word Count (198)  
 UserId="79613" --> Word Count (15)  
 UserId="79613" --> Word Count (1)  
 UserId="79615" --> Word Count (46)  
 UserId="79615" --> Word Count (12)  
 UserId="79615" --> Word Count (1)  
 UserId="73393" --> Word Count (85)  
 UserId="73393" --> Word Count (6)  
 UserId="73393" --> Word Count (1)  
 UserId="79613" --> Word Count (68)  
 UserId="201" Comment="Fix typo on scikitlearn on the title" --> Word Count (11)  
 UserId="78523" --> Word Count (95)  
 UserId="78523" --> Word Count (6)  
 UserId="78523" --> Word Count (1)  
 UserId="79434" --> Word Count (175)  
 UserId="79434" --> Word Count (4)  
 UserId="79434" --> Word Count (1)



UserId="78523" Comment="edited title" --> Word Count (12)  
 UserId="43808" Comment="edited tags" --> Word Count (1)  
 UserId="69644" Comment="added 662 characters in body" --> Word Count (168)  
 UserId="79617" --> Word Count (44)  
 UserId="54796" --> Word Count (178)  
 UserId="54796" --> Word Count (6)  
 UserId="54796" --> Word Count (1)  
 UserId="76819" --> Word Count (119)  
 UserId="76819" --> Word Count (8)  
 UserId="76819" --> Word Count (1)  
 UserId="63181" --> Word Count (55)  
 UserId="63181" --> Word Count (6)  
 UserId="63181" --> Word Count (1)  
 UserId="30973" --> Word Count (35)  
 UserId="65767" --> Word Count (105)  
 UserId="79434" Comment="added 395 characters in body" --> Word Count (201)  
 UserId="71442" Comment="language editing" --> Word Count (87)  
 UserId="71442" Comment="language editing" --> Word Count (6)  
 UserId="71442" --> Word Count (111)  
 UserId="79624" --> Word Count (76)  
 UserId="79624" --> Word Count (10)  
 UserId="79624" --> Word Count (1)  
 UserId="18150" --> Word Count (248)  
 UserId="18150" --> Word Count (13)  
 UserId="18150" --> Word Count (1)  
 UserId="55122" --> Word Count (51)  
 UserId="79627" --> Word Count (48)  
 UserId="79627" --> Word Count (6)  
 UserId="79627" --> Word Count (1)  
 UserId="75028" Comment="via Vote" --> Word Count (1)  
 UserId="75028" --> Word Count (1)  
 UserId="71442" Comment="added reference" --> Word Count (95)  
 UserId="77162" Text="welcome to ML and data science. This is a classic situation where a RNN would be usefull. You could either train one from Keras yourself which would help you learn and get a better model but might take more time. Or you could use a more pre-made soloution if this is your first project maybe something like TextGenRNN (will still recquire a bit of modification).&#xD;&#xA;&#xD;&#xA;[RNN theory][1]&#xD;&#xA;&#xD;&#xA;[Examples in python][2]&#xD;&#xA;&#xD;&#xA;[More examples][2]&#xD;&#xA;&#xD;&#xA;[ --> Word Count (11)  
 UserId="2932" --> Word Count (30)  
 UserId="74421" Comment="bold, backtick escapes" --> Word Count (81)  
 UserId="75782" --> Word Count (95)  
 UserId="75782" --> Word Count (5)  
 UserId="75782" --> Word Count (1)  
 UserId="52196" Comment="improved formatting" --> Word Count (1054)  
 UserId="77162" Comment="Put code inside of a codeblock for easier reading and removed hash on first heading so its easier to read" --> Word Count (95)

UserId="54252" --> Word Count (66)  
 UserId="-1" --> Word Count (1)  
 UserId="23305" Comment="to  
<https://stats.stackexchange.com/questions/422482/spindle-shaped-distribution-like-a-sea-seal>" --> Word Count (3)  
 UserId="23305" Comment="102" --> Word Count (3)  
 UserId="29575" Comment="indent code so shows correctly" --> Word Count (201)  
 UserId="29575" Comment="Clarify answer" --> Word Count (78)  
 UserId="54252" Comment="added 1 character in body" --> Word Count (66)  
 UserId="59004" --> Word Count (33)  
 UserId="59004" --> Word Count (8)  
 UserId="59004" --> Word Count (1)  
 UserId="201" --> Word Count (197)  
 UserId="201" --> Word Count (588)  
 UserId="55122" --> Word Count (104)  
 UserId="78396" --> Word Count (179)  
 UserId="75552" --> Word Count (67)  
 UserId="37184" --> Word Count (134)  
 UserId="79636" --> Word Count (43)  
 UserId="79636" --> Word Count (5)  
 UserId="79636" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="54252" Comment="Corrected newline spacing." --> Word Count (253)  
 UserId="-1" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="55122" --> Word Count (88)  
 UserId="52520" Comment="improved formatting." --> Word Count (1511)  
 UserId="52520" Comment="improved formatting." --> Word Count (6)  
 UserId="77162" --> Word Count (142)  
 UserId="70382" --> Word Count (118)  
 UserId="70382" --> Word Count (15)  
 UserId="70382" --> Word Count (1)  
 UserId="79641" --> Word Count (114)  
 UserId="79641" --> Word Count (11)  
 UserId="79641" --> Word Count (1)  
 UserId="79643" --> Word Count (32)  
 UserId="79643" --> Word Count (4)  
 UserId="79643" --> Word Count (1)  
 UserId="54509" --> Word Count (107)  
 UserId="71442" Comment="added 57 characters in body" --> Word Count (119)  
 UserId="79646" --> Word Count (194)  
 UserId="79646" --> Word Count (7)  
 UserId="79646" --> Word Count (1)  
 UserId="79648" --> Word Count (859)  
 UserId="79648" --> Word Count (8)  
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 UserId="78758" --> Word Count (249)

UserId="78758" --> Word Count (3)  
 UserId="78758" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="23305" Comment="to  
<https://stackoverflow.com/questions/57529881/keyerror-in-python>" --> Word Count  
 (1)  
 UserId="23305" Comment="102" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="23305" Comment="to  
<https://opendata.stackexchange.com/questions/15613/publicly-available-dataset-for-failure-prediction-in-servers>" --> Word Count (1)  
 UserId="23305" Comment="102" --> Word Count (1)  
 UserId="76862" --> Word Count (47)  
 UserId="76862" --> Word Count (9)  
 UserId="76862" --> Word Count (1)  
 UserId="71442" --> Word Count (196)  
 UserId="79655" --> Word Count (708)  
 UserId="79655" --> Word Count (5)  
 UserId="79655" --> Word Count (1)  
 UserId="79655" Comment="added 2 characters in body" --> Word Count (708)  
 UserId="49656" --> Word Count (192)  
 UserId="49656" --> Word Count (8)  
 UserId="49656" --> Word Count (1)  
 UserId="79655" Comment="added 11 characters in body" --> Word Count (709)  
 UserId="78207" --> Word Count (203)  
 UserId="78207" Comment="via Vote" --> Word Count (2)  
 UserId="74028" --> Word Count (129)  
 UserId="74028" --> Word Count (9)  
 UserId="74028" --> Word Count (1)  
 UserId="56380" --> Word Count (119)  
 UserId="79660" --> Word Count (41)  
 UserId="79660" --> Word Count (9)  
 UserId="79660" --> Word Count (1)  
 UserId="71442" --> Word Count (172)  
 UserId="71442" Comment="code highlighting language" --> Word Count (93)  
 UserId="79666" --> Word Count (158)  
 UserId="79666" --> Word Count (15)  
 UserId="79666" --> Word Count (1)  
 UserId="76779" --> Word Count (70)  
 UserId="76779" --> Word Count (8)  
 UserId="76779" --> Word Count (1)  
 UserId="68023" --> Word Count (147)  
 UserId="79670" --> Word Count (79)  
 UserId="79670" --> Word Count (8)  
 UserId="79670" --> Word Count (1)  
 UserId="7812" --> Word Count (41)  
 UserId="7812" --> Word Count (5)  
 UserId="7812" --> Word Count (1)

UserId="78523" --> Word Count (87)  
UserId="78523" --> Word Count (9)  
UserId="78523" --> Word Count (1)  
UserId="7812" --> Word Count (73)  
UserId="7812" --> Word Count (14)  
UserId="7812" --> Word Count (1)  
UserId="79659" --> Word Count (91)  
UserId="68795" --> Word Count (55)  
UserId="68795" --> Word Count (3)  
UserId="68795" --> Word Count (1)  
UserId="65133" --> Word Count (217)  
UserId="65133" --> Word Count (7)  
UserId="65133" --> Word Count (1)  
UserId="79617" --> Word Count (74)  
UserId="68023" --> Word Count (111)  
UserId="79679" --> Word Count (160)  
UserId="79679" --> Word Count (13)  
UserId="79679" --> Word Count (1)  
UserId="75552" Comment="added 77 characters in body" --> Word Count (86)  
UserId="75552" Comment="added 77 characters in body" --> Word Count (1)  
UserId="79617" --> Word Count (50)  
UserId="79679" Comment="added 199 characters in body" --> Word Count (191)  
UserId="201" --> Word Count (219)  
UserId="79617" --> Word Count (67)  
UserId="201" --> Word Count (181)  
UserId="71442" --> Word Count (262)  
UserId="201" --> Word Count (135)  
UserId="201" Comment="edited tags" --> Word Count (1)  
UserId="65133" Comment="edited title" --> Word Count (8)  
UserId="201" Comment="added 77 characters in body" --> Word Count (149)  
UserId="75549" --> Word Count (131)  
UserId="75549" --> Word Count (13)  
UserId="75549" --> Word Count (1)  
UserId="75549" Comment="added 152 characters in body" --> Word Count (156)  
UserId="79684" --> Word Count (607)  
UserId="79684" --> Word Count (8)  
UserId="79684" --> Word Count (1)  
UserId="201" --> Word Count (74)  
UserId="201" --> Word Count (160)  
UserId="71442" Comment="code highlighting" --> Word Count (71)  
UserId="2932" --> Word Count (43)  
UserId="69296" --> Word Count (133)  
UserId="69296" --> Word Count (4)  
UserId="69296" --> Word Count (1)  
UserId="79490" --> Word Count (94)  
UserId="79490" --> Word Count (10)  
UserId="79490" --> Word Count (1)  
UserId="79490" Comment="edited title" --> Word Count (13)

UserId="79659" --> Word Count (126)  
 UserId="71442" --> Word Count (96)  
 UserId="71541" --> Word Count (118)  
 UserId="71541" --> Word Count (4)  
 UserId="71541" --> Word Count (1)  
 UserId="71442" Comment="added 2 characters in body" --> Word Count (96)  
 UserId="71442" Comment="edited tags" --> Word Count (1)  
 UserId="55122" Comment="add toy example, some clarifications" --> Word Count (280)  
 UserId="79693" --> Word Count (203)  
 UserId="79693" --> Word Count (7)  
 UserId="79693" --> Word Count (1)  
 UserId="79595" --> Word Count (127)  
 UserId="79595" --> Word Count (3)  
 UserId="79595" --> Word Count (1)  
 UserId="74003" --> Word Count (132)  
 UserId="64377" --> Word Count (55)  
 UserId="64377" --> Word Count (146)  
 UserId="64377" --> Word Count (93)  
 UserId="74421" Comment="lowered the alphabets, backpacks, code language determination." --> Word Count (202)  
 UserId="74421" Comment="code language determination, \$" --> Word Count (608)  
 UserId="79701" --> Word Count (98)  
 UserId="79701" --> Word Count (16)  
 UserId="79701" --> Word Count (1)  
 UserId="79702" --> Word Count (1486)  
 UserId="79702" --> Word Count (6)  
 UserId="79702" --> Word Count (1)  
 UserId="74421" Comment="bold, backtick escapes" --> Word Count (117)  
 UserId="74421" Comment="backtick sescapes, bold" --> Word Count (160)  
 UserId="56408" --> Word Count (40)  
 UserId="56408" --> Word Count (4)  
 UserId="56408" --> Word Count (1)  
 UserId="78150" --> Word Count (179)  
 UserId="78150" --> Word Count (12)  
 UserId="78150" --> Word Count (1)  
 UserId="58597" --> Word Count (324)  
 UserId="58597" --> Word Count (6)  
 UserId="58597" --> Word Count (1)  
 UserId="79704" --> Word Count (292)  
 UserId="79704" --> Word Count (7)  
 UserId="79704" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="23305" Comment="to <https://stackoverflow.com/questions/57541324/tpot-freezes-while-optimizing-in-ubuntu-18-04>" --> Word Count (1)  
 UserId="23305" Comment="102" --> Word Count (1)  
 UserId="69644" Comment="added 717 characters in body" --> Word Count (263)  
 UserId="8752" --> Word Count (372)

UserId="73251" --> Word Count (57)  
 UserId="73251" --> Word Count (11)  
 UserId="73251" --> Word Count (1)  
 UserId="201" Comment="added 118 characters in body" --> Word Count (20)  
 UserId="201" Comment="added 110 characters in body" --> Word Count (19)  
 UserId="74421" Comment="\_*italic*\_, bold, backtick escapes" --> Word Count (192)  
 UserId="26562" Comment="\_*italic*\_, bold, backtick escapes" --> Word Count (198)  
 UserId="73251" --> Word Count (249)  
 UserId="73251" --> Word Count (5)  
 UserId="73251" --> Word Count (1)  
 UserId="68023" --> Word Count (84)  
 UserId="68023" --> Word Count (107)  
 UserId="201" Comment="fix markdown formatting" --> Word Count (350)  
 UserId="16964" Comment="edited body" --> Word Count (86)  
 UserId="14588" --> Word Count (106)  
 UserId="76779" --> Word Count (58)  
 UserId="76779" --> Word Count (13)  
 UserId="76779" --> Word Count (1)  
 UserId="79702" Comment="added 351 characters in body" --> Word Count (1557)  
 UserId="79715" --> Word Count (133)  
 UserId="79715" --> Word Count (14)  
 UserId="79715" --> Word Count (1)  
 UserId="79699" Comment="edit grammar and question sentences for better understanding" --> Word Count (94)  
 UserId="79699" Comment="edit grammar and question sentences for better understanding" --> Word Count (17)  
 UserId="75552" --> Word Count (51)  
 UserId="79595" Comment="via Vote" --> Word Count (1)  
 UserId="71442" --> Word Count (162)  
 UserId="71442" Comment="added 690 characters in body" --> Word Count (277)  
 UserId="14588" Comment="add EE/CE constraint, Swarm MODE" --> Word Count (123)  
 UserId="14588" Comment="add 1 link" --> Word Count (142)  
 UserId="14588" Comment="improve hint about CE/EE" --> Word Count (156)  
 UserId="62938" --> Word Count (93)  
 UserId="62938" --> Word Count (9)  
 UserId="62938" --> Word Count (1)  
 UserId="8752" Comment="added 187 characters in body" --> Word Count (392)  
 UserId="8752" Comment="added 64 characters in body" --> Word Count (402)  
 UserId="78207" --> Word Count (133)  
 UserId="79721" Text="I have trained a model for **spam classification** -  
 &#xD;&#xA;&#xD;&#xA;This is my code -  
 &#xD;&#xA;&#xD;&#xA;``python&#xD;&#xA;X\_train, X\_test, y\_train, y\_test =  
 train\_test\_split(data['text'], data['label'], test\_size = 0.4, random\_state =  
 1)&#xD;&#xA; &#xD;&#xA;cv = CountVectorizer()&#xD;&#xA;cv.fit(X\_train)&#xD;&#xA;&#xA;cv.fit(X\_test)&#xD;&#xA;X\_train = cv.transform(X\_train)&#xD;&#xA;X\_test =  
 cv.transform(X\_test)&#xD;&#xA;&#xD;&#xA;model =  
 LogisticRegression(solver='lbfgs')&#xD;&#xA;model.fit(X\_train,  
 y\_train)&#xD;&#xA;&#xD;&#xA;&#xD;&#xA;``&#xD;&#xA;&#xD;&#xA;After that I had

also completed testing, it gives me an accuracy of about  
 \*\*97%\*\*&#xD;&#xA;.&#xD;&#xA;&#xD;&#xA;Now I want to add predict a new SMS/Email  
 to be spam or not. What I am doing is -  
 &#xD;&#xA;&#xD;&#xA;``python&#xD;&#xA;new = 'Hey there you got a sale here on  
 website' &#xD;&#xA;new = clean --> Word Count (23)  
 UserId="79721" --> Word Count (12)  
 UserId="79721" --> Word Count (1)  
 UserId="78207" --> Word Count (106)  
 UserId="78207" Comment="added 256 characters in body" --> Word Count (249)  
 UserId="78207" --> Word Count (2)  
 UserId="79723" --> Word Count (187)  
 UserId="79723" --> Word Count (7)  
 UserId="79723" --> Word Count (1)  
 UserId="8752" Comment="added 943 characters in body" --> Word Count (530)  
 UserId="78207" --> Word Count (447)  
 UserId="69644" Comment="added 103 characters in body" --> Word Count (355)  
 UserId="-1" --> Word Count (1)  
 UserId="23305" Comment="to  
<https://stackoverflow.com/questions/57546255/removing-rows-based-on-criteria-using-python>" --> Word Count (1)  
 UserId="23305" Comment="102" --> Word Count (1)  
 UserId="79726" --> Word Count (131)  
 UserId="79726" --> Word Count (7)  
 UserId="79726" --> Word Count (1)  
 UserId="58923" --> Word Count (71)  
 UserId="58923" --> Word Count (17)  
 UserId="58923" --> Word Count (1)  
 UserId="73315" --> Word Count (80)  
 UserId="73315" --> Word Count (10)  
 UserId="73315" --> Word Count (1)  
 UserId="71442" --> Word Count (282)  
 UserId="73315" Comment="added 46 characters in body" --> Word Count (86)  
 UserId="77102" --> Word Count (42)  
 UserId="79684" Comment="added 4 characters in body" --> Word Count (608)  
 UserId="39513" --> Word Count (18)  
 UserId="49967" Comment="edited title" --> Word Count (11)  
 UserId="79617" --> Word Count (29)  
 UserId="79715" Comment="edited body" --> Word Count (133)  
 UserId="29575" Comment="101" --> Word Count (2)  
 UserId="30368" --> Word Count (170)  
 UserId="29575" Comment="Minor formatting" --> Word Count (171)  
 UserId="1330" --> Word Count (173)  
 UserId="1330" Comment="added 22 characters in body" --> Word Count (176)  
 UserId="79735" --> Word Count (209)  
 UserId="79735" --> Word Count (12)  
 UserId="79735" --> Word Count (1)  
 UserId="15620" --> Word Count (172)  
 UserId="13023" Comment="Added information of other approaches tried." --> Word

Count (183)

UserId="49092" --> Word Count (133)  
 UserId="49092" --> Word Count (9)  
 UserId="49092" --> Word Count (1)  
 UserId="79739" --> Word Count (253)  
 UserId="79739" --> Word Count (6)  
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 UserId="79448" --> Word Count (435)  
 UserId="79448" --> Word Count (11)  
 UserId="79448" --> Word Count (1)  
 UserId="79448" Comment="added 76 characters in body" --> Word Count (449)  
 UserId="47826" Comment="edited tags" --> Word Count (1)  
 UserId="79744" --> Word Count (134)  
 UserId="79744" --> Word Count (11)  
 UserId="79744" --> Word Count (1)  
 UserId="79160" --> Word Count (57)  
 UserId="79160" --> Word Count (11)  
 UserId="79160" --> Word Count (1)  
 UserId="78207" Comment="via Vote" --> Word Count (2)  
 UserId="79348" --> Word Count (52)  
 UserId="79348" --> Word Count (5)  
 UserId="79348" --> Word Count (1)  
 UserId="78443" --> Word Count (162)  
 UserId="43808" Comment="added 686 characters in body" --> Word Count (270)  
 UserId="12757" --> Word Count (651)  
 UserId="12757" --> Word Count (4)  
 UserId="12757" --> Word Count (1)  
 UserId="78443" Comment="added 142 characters in body" --> Word Count (184)  
 UserId="38091" --> Word Count (250)  
 UserId="38091" --> Word Count (12)  
 UserId="38091" --> Word Count (1)  
 UserId="70832" --> Word Count (8)  
 UserId="12757" Comment="deleted 20 characters in body" --> Word Count (648)  
 UserId="79448" --> Word Count (97)  
 UserId="79448" --> Word Count (8)  
 UserId="79448" --> Word Count (1)  
 UserId="63181" --> Word Count (99)  
 UserId="63181" --> Word Count (10)  
 UserId="63181" --> Word Count (1)  
 UserId="79753" --> Word Count (79)  
 UserId="79753" --> Word Count (4)  
 UserId="79753" --> Word Count (1)  
 UserId="52291" Comment="Added alternative answer" --> Word Count (115)  
 UserId="78443" Comment="added 298 characters in body" --> Word Count (230)  
 UserId="79753" --> Word Count (43)  
 UserId="78396" --> Word Count (88)  
 UserId="78443" --> Word Count (93)  
 UserId="79756" --> Word Count (111)



UserId="79756" --> Word Count (6)  
 UserId="79756" --> Word Count (1)  
 UserId="77162" --> Word Count (55)  
 UserId="54252" --> Word Count (161)  
 UserId="77162" --> Word Count (105)  
 UserId="79760" --> Word Count (201)  
 UserId="79760" --> Word Count (7)  
 UserId="79760" --> Word Count (1)  
 UserId="79762" --> Word Count (125)  
 UserId="79762" --> Word Count (6)  
 UserId="79762" --> Word Count (1)  
 UserId="79762" Comment="edited title" --> Word Count (7)  
 UserId="79764" --> Word Count (42)  
 UserId="79764" --> Word Count (5)  
 UserId="79764" --> Word Count (1)  
 UserId="78207" Comment="added 989 characters in body" --> Word Count (301)  
 UserId="78207" --> Word Count (2)  
 UserId="70749" --> Word Count (79)  
 UserId="70749" --> Word Count (13)  
 UserId="70749" --> Word Count (1)  
 UserId="79761" --> Word Count (144)  
 UserId="79761" --> Word Count (9)  
 UserId="79761" --> Word Count (1)  
 UserId="78207" Comment="added 47 characters in body" --> Word Count (452)  
 UserId="79759" --> Word Count (86)  
 UserId="79759" --> Word Count (14)  
 UserId="79759" --> Word Count (1)  
 UserId="79770" --> Word Count (74)  
 UserId="78443" --> Word Count (49)  
 UserId="78443" Comment="added 24 characters in body" --> Word Count (54)  
 UserId="79770" --> Word Count (54)  
 UserId="78443" Comment="added 158 characters in body" --> Word Count (85)  
 UserId="65047" --> Word Count (68)  
 UserId="79773" --> Word Count (127)  
 UserId="79773" --> Word Count (7)  
 UserId="79773" --> Word Count (1)  
 UserId="78443" --> Word Count (52)  
 UserId="78443" Comment="added 110 characters in body" --> Word Count (68)  
 UserId="66788" --> Word Count (118)  
 UserId="51714" --> Word Count (188)  
 UserId="78207" --> Word Count (312)  
 UserId="29575" Comment="appended answer 57797 as supplemental" --> Word Count (238)  
 UserId="29575" Comment="Minor grammar" --> Word Count (43)  
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (110)  
 UserId="7812" --> Word Count (109)  
 UserId="7812" --> Word Count (10)  
 UserId="7812" --> Word Count (1)

UserId="79775" --> Word Count (107)  
 UserId="79775" --> Word Count (4)  
 UserId="79775" --> Word Count (1)  
 UserId="59101" Comment="formatting" --> Word Count (108)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (67)  
 UserId="54252" Comment="Grammar etc" --> Word Count (56)  
 UserId="54252" Comment="Grammar etc" --> Word Count (11)  
 UserId="29575" Comment="Grammar etc" --> Word Count (58)  
 <DELETE> --> Word Count (88)  
 <DELETE> --> Word Count (6)  
 <DELETE> --> Word Count (1)  
 UserId="51714" Comment="added 261 characters in body" --> Word Count (247)  
 <DELETE> --> Word Count (98)  
 UserId="29575" Comment="Minor grammar / formatting" --> Word Count (310)  
 UserId="79530" --> Word Count (90)  
 UserId="51714" --> Word Count (89)  
 UserId="79779" --> Word Count (143)  
 UserId="79779" --> Word Count (11)  
 UserId="79779" --> Word Count (1)  
 UserId="39136" --> Word Count (114)  
 UserId="39136" --> Word Count (15)  
 UserId="39136" --> Word Count (1)  
 UserId="74735" --> Word Count (484)  
 UserId="78821" --> Word Count (83)  
 UserId="78821" --> Word Count (5)  
 UserId="78821" --> Word Count (1)  
 UserId="23240" --> Word Count (90)  
 UserId="79782" --> Word Count (28)  
 UserId="79780" --> Word Count (78)  
 UserId="79780" --> Word Count (11)  
 UserId="79780" --> Word Count (1)  
 UserId="76137" --> Word Count (288)  
 UserId="76137" --> Word Count (10)  
 UserId="76137" --> Word Count (1)  
 UserId="23240" --> Word Count (221)  
 UserId="23240" --> Word Count (105)  
 UserId="79782" --> Word Count (102)  
 UserId="79782" --> Word Count (4)  
 UserId="79782" --> Word Count (1)  
 UserId="59363" --> Word Count (98)  
 UserId="59363" --> Word Count (6)  
 UserId="59363" --> Word Count (1)  
 UserId="44456" Comment="typo" --> Word Count (220)  
 UserId="836" --> Word Count (181)  
 UserId="71442" --> Word Count (42)  
 UserId="23240" --> Word Count (133)  
 UserId="71477" --> Word Count (71)  
 UserId="71442" Comment="added 221 characters in body" --> Word Count (67)

UserId="71477" --> Word Count (125)  
 UserId="63504" --> Word Count (96)  
 UserId="76587" --> Word Count (45)  
 UserId="76587" --> Word Count (14)  
 UserId="76587" --> Word Count (1)  
 UserId="-1" Comment="104" --> Word Count (2)  
 UserId="64408" --> Word Count (117)  
 UserId="64408" --> Word Count (6)  
 UserId="64408" --> Word Count (1)  
 UserId="71219" --> Word Count (374)  
 UserId="76597" --> Word Count (98)  
 UserId="76597" --> Word Count (5)  
 UserId="76597" --> Word Count (1)  
 UserId="71219" --> Word Count (170)  
 UserId="70031" --> Word Count (141)  
 UserId="70031" --> Word Count (14)  
 UserId="70031" --> Word Count (1)  
 UserId="79799" --> Word Count (123)  
 UserId="79799" --> Word Count (12)  
 UserId="79799" --> Word Count (1)  
 UserId="71477" --> Word Count (75)  
 UserId="79326" --> Word Count (158)  
 UserId="51714" Comment="added 8 characters in body" --> Word Count (180)  
 UserId="54796" Comment="added 80 characters in body" --> Word Count (187)  
 UserId="70832" --> Word Count (16)  
 UserId="58376" --> Word Count (132)  
 UserId="58376" --> Word Count (10)  
 UserId="58376" --> Word Count (1)  
 UserId="29430" --> Word Count (47)  
 UserId="29430" --> Word Count (8)  
 UserId="29430" --> Word Count (1)  
 UserId="79801" --> Word Count (60)  
 UserId="79801" --> Word Count (11)  
 UserId="79801" --> Word Count (1)  
 UserId="50833" --> Word Count (200)  
 UserId="78443" --> Word Count (64)  
 UserId="58376" --> Word Count (48)  
 UserId="77843" --> Word Count (162)  
 UserId="51714" Text="It's quite a weird problem, at least for me... Following your approach you'll end up with  $5^5$  classes, which is an intractable problem with typical Neural Networks. You can visist this paper, which shows a solution with mathematical rigour:  
<https://arxiv.org/pdf/1806.02507.pdf>  
 I'll also expose three possible naive solutions, awating for people who have faced a similar problem: Convert your 5 columns into binary columns (3 bits for 5 levels) and treat the problem as a multi-label classification with 15 classes [https://en.wikipedia.org/wiki/Multi-label\\_classification](https://en.wikipedia.org/wiki/Multi-label_classification).  
 You can fit 5 multi-class models for each column (divide

and conquer naive approach, it seems to be the state-of-the art  
 phylosophy)&#xD;&#xA;&#xD;&#xA;\* Treat your problem as a regression problem, but  
 some questions arise: is '11111' truly close to '11112' in your dataset? i.e.  
 are your labels a ordered set?&#xD;&#xA;&#xD;&#xA;&gt; So my question is if I  
 should go on with the approach or are there better ideas? It is possible to use  
 ANN to predict several properties (i.e. classes) at the same  
 time?&#xD;&#xA;&#xD;&#xA;Yes, an ANN can output more than one class for a sample  
 (but will not work in such a large scale): &#xD;&#xA;&#xD;&#xA;\* [https://www.researchgate.net/publication/3297607\\_Multilabel\\_Neural\\_Networks\\_with\\_Applications\\_t  
 o\\_Functional\\_Genomics\\_and\\_](https://www.researchgate.net/publication/3297607_Multilabel_Neural_Networks_with_Applications_to_Functional_Genomics_and_) --> Word Count (2)

UserId="51714" Comment="added 446 characters in body" Text="It's quite a weird  
 problem, at least for me... Following your approach you'll end up with  $5^5$   
 classes, which is an intractable problem with typical Neural Networks. You can  
 visist this paper, which shows a solution with mathematical  
 rigour:&#xD;&#xA;&#xD;&#xA;\* <https://arxiv.org/pdf/1806.02507.pdf>&#xD;&#xA;&#xD;&#xA;I'll also expose three  
 possible naive solutions, awating for people who have faced a similar  
 problem:&#xD;&#xA;&#xD;&#xA;\* Convert your 5 columns into binary columns (3 bits  
 for 5 levels) and treat the problem as a multi-label classification with 15  
 classes [https://en.wikipedia.org/wiki/Multi-label\\_classification](https://en.wikipedia.org/wiki/Multi-label_classification).  
 &#xD;&#xA;&#xD;&#xA;\* You can fit 5 multi-class models for each column (divide  
 and conquer naive approach, it seems to be the state-of-the art  
 phylosophy)&#xD;&#xA;&#xD;&#xA;\* I've never tried beta-regression, but it would  
 make sense: you can convert your target labels to frequencies of occurrence,  
 think about pruning targets with really low probability. Then, you can perform a  
 preliminary beta regression to predict the occurrence-target. Further on, you  
 may have other classification models depending on the probability given by the  
 beta regressor, let's say 5 models for targets between 0-10%, 10-20% and so  
 on...&#xD;&#xA;&#xD;&#xA;\* Treat your problem as a regression problem, but some  
 questions arise: is '11111' truly close to '11112' in your dataset? i.e. are  
 your labels a ordered set?&#xD;&#xA;&#xD;&#xA;&gt; So my question is if I should  
 go on with the approach or are there better ideas? It is possible to use ANN to  
 predict several properties (i.e. classes) at the same  
 time?&#xD;&#xA;&#xD;&#xA;Yes, an ANN can output more than one class for a sample  
 (but will not work in such a large scale): &#xD;&#xA;&#xD;&#xA;\* [https://www.researchgate.net/publication/3297607\\_Multilabel\\_Neural\\_Networks\\_with\\_Applications\\_t  
 o\\_Functional\\_Genomics\\_and\\_](https://www.researchgate.net/publication/3297607_Multilabel_Neural_Networks_with_Applications_to_Functional_Genomics_and_) --> Word Count (2)

UserId="24996" --> Word Count (462)

UserId="79516" --> Word Count (79)

UserId="836" Comment="deleted 44 characters in body; edited title" --> Word  
 Count (90)

UserId="836" Comment="deleted 44 characters in body; edited title" --> Word  
 Count (9)

UserId="79326" --> Word Count (154)

UserId="74512" --> Word Count (60)

UserId="74512" --> Word Count (8)

UserId="74512" --> Word Count (1)

UserId="59101" --> Word Count (56)

UserId="59101" --> Word Count (12)  
 UserId="59101" --> Word Count (1)  
 UserId="51141" --> Word Count (188)  
 UserId="51141" --> Word Count (8)  
 UserId="51141" --> Word Count (1)  
 UserId="70220" --> Word Count (196)  
 UserId="70220" --> Word Count (7)  
 UserId="70220" --> Word Count (1)  
 UserId="71442" --> Word Count (139)  
 UserId="30385" --> Word Count (86)  
 UserId="63096" --> Word Count (84)  
 UserId="303" --> Word Count (61)  
 UserId="303" --> Word Count (9)  
 UserId="303" --> Word Count (1)  
 UserId="71442" --> Word Count (270)  
 UserId="40853" --> Word Count (360)  
 UserId="63096" Text="I guess in your case it doesn't make sense to duplicate  
 your observations as you are observing mostly indexed data, which are an  
 aggregate or standardized measurement (e.g. ratio or  
 means).&#xD;&#xA;&#xD;&#xA;Otherwise, you could standardize your data by  
 population of the given dependent variables. Find more  
 [here] (<https://machinelearningmastery.com/normalize-standardize-time-series-data-python/#targetText=Standardize%20Time%20Series%20Data,value%20or%20centerin%20the%20data.&target>) --> Word Count (2)  
 UserId="63096" Comment="deleted 255 characters in body" --> Word Count (33)  
 UserId="79690" --> Word Count (34)  
 UserId="79690" --> Word Count (10)  
 UserId="79690" --> Word Count (1)  
 UserId="63096" --> Word Count (119)  
 UserId="79448" --> Word Count (160)  
 UserId="79448" --> Word Count (10)  
 UserId="79448" --> Word Count (1)  
 UserId="51714" --> Word Count (45)  
 UserId="59028" --> Word Count (1147)  
 UserId="59028" --> Word Count (10)  
 UserId="59028" --> Word Count (1)  
 UserId="51714" Comment="added 181 characters in body" --> Word Count (75)  
 UserId="76779" --> Word Count (264)  
 UserId="76779" --> Word Count (11)  
 UserId="76779" --> Word Count (1)  
 UserId="51714" --> Word Count (152)  
 UserId="79815" --> Word Count (27)  
 UserId="23240" --> Word Count (86)  
 UserId="23240" --> Word Count (240)  
 UserId="51714" --> Word Count (69)  
 UserId="23159" --> Word Count (55)  
 UserId="63096" --> Word Count (97)  
 UserId="52291" --> Word Count (148)

UserId="79777" --> Word Count (134)  
 UserId="79777" --> Word Count (9)  
 UserId="79777" --> Word Count (1)  
 UserId="79817" --> Word Count (71)  
 UserId="79817" --> Word Count (10)  
 UserId="79817" --> Word Count (1)  
 UserId="29575" Comment="Add link" --> Word Count (31)  
 UserId="79822" --> Word Count (73)  
 UserId="79728" --> Word Count (258)  
 UserId="79728" --> Word Count (10)  
 UserId="79728" --> Word Count (1)  
 UserId="27558" --> Word Count (77)  
 UserId="27558" --> Word Count (20)  
 UserId="27558" --> Word Count (1)  
 UserId="75152" --> Word Count (118)  
 UserId="79728" Comment="added the new working code" --> Word Count (715)  
 UserId="46212" --> Word Count (133)  
 UserId="46212" --> Word Count (10)  
 UserId="46212" --> Word Count (1)  
 UserId="79160" --> Word Count (32)  
 UserId="79160" --> Word Count (13)  
 UserId="79160" --> Word Count (1)  
 UserId="78443" --> Word Count (29)  
 UserId="65767" --> Word Count (49)  
 UserId="79728" Comment="deleted 478 characters in body" --> Word Count (661)  
 UserId="78443" Comment="added 194 characters in body" --> Word Count (30)  
 UserId="79595" --> Word Count (1)  
 UserId="41771" --> Word Count (80)  
 UserId="69822" --> Word Count (116)  
 UserId="78443" Comment="added 263 characters in body" --> Word Count (63)  
 UserId="78443" Comment="added 377 characters in body" --> Word Count (134)  
 UserId="69822" Comment="deleted 12 characters in body" --> Word Count (116)  
 UserId="76386" --> Word Count (49)  
 UserId="76386" --> Word Count (6)  
 UserId="76386" --> Word Count (1)  
 UserId="79829" --> Word Count (81)  
 UserId="79829" --> Word Count (22)  
 UserId="79829" --> Word Count (1)  
 UserId="69822" Comment="added 1207 characters in body" --> Word Count (305)  
 UserId="30385" --> Word Count (228)  
 UserId="79160" Comment="added 124 characters in body" --> Word Count (49)  
 UserId="63096" --> Word Count (68)  
 UserId="79833" --> Word Count (142)  
 UserId="79833" --> Word Count (8)  
 UserId="79833" --> Word Count (1)  
 UserId="66788" --> Word Count (133)  
 UserId="79416" --> Word Count (82)  
 UserId="79416" --> Word Count (17)

UserId="79416" --> Word Count (1)  
 UserId="-1" --> Word Count (1)  
 UserId="23305" Comment="to <https://stackoverflow.com/questions/57578340/dataset-throwing-keyerror-while-looping-through-a-list-of-variables>" --> Word Count (1)  
 UserId="23305" Comment="102" --> Word Count (1)  
 UserId="65601" --> Word Count (41)  
 UserId="65601" --> Word Count (4)  
 UserId="65601" --> Word Count (1)  
 UserId="66788" Comment="edited body" --> Word Count (133)  
 UserId="79782" Comment="added 855 characters in body" --> Word Count (236)  
 UserId="79293" --> Word Count (43)  
 UserId="79293" --> Word Count (9)  
 UserId="79293" --> Word Count (1)  
 UserId="79817" Comment="added 133 characters in body" --> Word Count (85)  
 UserId="39011" --> Word Count (62)  
 UserId="74855" --> Word Count (113)  
 UserId="74855" --> Word Count (11)  
 UserId="74855" --> Word Count (1)  
 UserId="55122" --> Word Count (137)  
 UserId="55122" Comment="added 84 characters in body" --> Word Count (140)  
 UserId="79829" Comment="fixed typo" --> Word Count (81)  
 UserId="79595" Comment="edited body" --> Word Count (127)  
 UserId="71442" Comment="added 4 characters in body" --> Word Count (47)  
 UserId="52291" --> Word Count (31)  
 UserId="76779" --> Word Count (55)  
 UserId="76779" --> Word Count (10)  
 UserId="76779" --> Word Count (1)  
 UserId="66788" Comment="a little more detailed explanation provided" --> Word Count (262)  
 UserId="17916" --> Word Count (211)  
 UserId="17916" --> Word Count (7)  
 UserId="17916" --> Word Count (1)  
 UserId="63504" Comment="added 11 characters in body" --> Word Count (97)  
 UserId="79817" --> Word Count (28)  
 UserId="76779" Comment="added 82 characters in body; edited title" --> Word Count (74)  
 UserId="76779" Comment="added 82 characters in body; edited title" --> Word Count (6)  
 UserId="77107" --> Word Count (518)  
 UserId="77107" --> Word Count (5)  
 UserId="77107" --> Word Count (1)  
 UserId="49456" --> Word Count (215)  
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 UserId="49456" --> Word Count (1)  
 UserId="79845" --> Word Count (293)  
 UserId="79845" --> Word Count (10)  
 UserId="79845" --> Word Count (1)  
 UserId="77107" Comment="edited title" --> Word Count (6)

UserId="71256" Comment="deleted 53 characters in body" --> Word Count (259)  
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 UserId="49456" Comment="added 84 characters in body" --> Word Count (228)  
 UserId="77950" --> Word Count (110)  
 UserId="79853" --> Word Count (79)  
 UserId="73655" --> Word Count (74)  
 UserId="29575" Comment="104" --> Word Count (3)  
 UserId="79855" --> Word Count (211)  
 UserId="79855" --> Word Count (7)  
 UserId="79855" --> Word Count (1)  
 UserId="74855" --> Word Count (144)  
 UserId="74855" --> Word Count (12)  
 UserId="74855" --> Word Count (1)  
 UserId="74855" Comment="edited title" --> Word Count (13)  
 UserId="79856" --> Word Count (214)  
 UserId="79856" --> Word Count (11)  
 UserId="79856" --> Word Count (1)  
 UserId="47826" --> Word Count (53)  
 UserId="47826" --> Word Count (7)  
 UserId="47826" --> Word Count (1)  
 UserId="47826" Comment="added 73 characters in body" --> Word Count (66)  
 UserId="79504" --> Word Count (192)  
 UserId="79504" --> Word Count (6)  
 UserId="79504" --> Word Count (1)  
 UserId="79160" Comment="added 743 characters in body" --> Word Count (213)  
 UserId="79504" --> Word Count (106)  
 UserId="79504" --> Word Count (7)  
 UserId="79504" --> Word Count (1)  
 UserId="53451" --> Word Count (363)  
 UserId="53451" --> Word Count (8)  
 UserId="53451" --> Word Count (1)  
 UserId="62479" --> Word Count (52)  
 UserId="62479" --> Word Count (7)  
 UserId="62479" --> Word Count (1)  
 UserId="44287" --> Word Count (10)  
 UserId="44287" --> Word Count (7)  
 UserId="44287" --> Word Count (1)  
 UserId="65767" --> Word Count (35)  
 UserId="63096" --> Word Count (158)  
 UserId="57724" --> Word Count (50)  
 UserId="57724" --> Word Count (23)  
 UserId="57724" --> Word Count (1)  
 UserId="63096" Comment="added 217 characters in body" --> Word Count (194)  
 UserId="79863" --> Word Count (66)  
 UserId="79863" --> Word Count (8)  
 UserId="79863" --> Word Count (1)



UserId="57724" --> Word Count (40)  
 UserId="57724" --> Word Count (14)  
 UserId="57724" --> Word Count (1)  
 UserId="65767" --> Word Count (67)  
 UserId="73315" --> Word Count (158)  
 UserId="73315" --> Word Count (17)  
 UserId="73315" --> Word Count (1)  
 UserId="79864" --> Word Count (9)  
 UserId="65131" Comment="formatting code right" --> Word Count (259)  
 UserId="26019" Comment="edited body" --> Word Count (214)  
 UserId="26019" Comment="edited body" --> Word Count (83)  
 UserId="35679" --> Word Count (34)  
 UserId="61883" --> Word Count (85)  
 UserId="61883" --> Word Count (8)  
 UserId="61883" --> Word Count (1)  
 UserId="65767" --> Word Count (175)  
 UserId="41728" --> Word Count (91)  
 UserId="77162" --> Word Count (39)  
 UserId="30385" --> Word Count (465)  
 UserId="79866" --> Word Count (47)  
 UserId="79866" --> Word Count (7)  
 UserId="79866" --> Word Count (1)  
 UserId="75738" --> Word Count (66)  
 UserId="75738" --> Word Count (8)  
 UserId="75738" --> Word Count (1)  
 UserId="77895" --> Word Count (348)  
 UserId="77895" --> Word Count (13)  
 UserId="77895" --> Word Count (1)  
 UserId="32492" --> Word Count (114)  
 UserId="79448" --> Word Count (92)  
 UserId="79448" --> Word Count (4)  
 UserId="79448" --> Word Count (1)  
 UserId="65767" --> Word Count (41)  
 UserId="65767" Comment="edited body" --> Word Count (41)  
 UserId="73114" --> Word Count (117)  
 UserId="73114" --> Word Count (5)  
 UserId="73114" --> Word Count (1)  
 UserId="73114" Comment="edited title" --> Word Count (9)  
 UserId="67316" --> Word Count (272)  
 UserId="67316" --> Word Count (12)  
 UserId="67316" --> Word Count (1)  
 UserId="2454" --> Word Count (91)  
 UserId="2454" --> Word Count (12)  
 UserId="2454" --> Word Count (1)  
 UserId="30385" --> Word Count (121)  
 UserId="65767" --> Word Count (257)  
 UserId="79882" --> Word Count (108)  
 UserId="79882" --> Word Count (7)

UserId="79882" --> Word Count (1)  
 UserId="79879" --> Word Count (269)  
 UserId="79879" --> Word Count (9)  
 UserId="79879" --> Word Count (1)  
 UserId="52291" --> Word Count (86)  
 UserId="65767" --> Word Count (186)  
 UserId="52291" --> Word Count (452)  
 UserId="65767" Comment="added 28 characters in body" --> Word Count (190)  
 UserId="30385" --> Word Count (218)  
 UserId="2932" --> Word Count (298)  
 UserId="73930" Comment="formatted mathematical text" --> Word Count (211)  
 UserId="79892" --> Word Count (210)  
 UserId="66387" Text="I have a bunch of medical records that I have to input manually. I would like to automate this but all of the records are in different formats. What is the best strategy to build a deep learning model to extract this information automatically? Does it make sense to use something like YOLO to recognize specific parts of the image and then Tesseract to actually perform OCR? A bit of guidance would be much appreciated. Also, I have seen things like Amazon" --> Word Count (18)  
 UserId="66387" --> Word Count (10)  
 UserId="66387" --> Word Count (1)  
 UserId="51492" Comment="Spell correction and easy language" --> Word Count (314)  
 UserId="29575" Comment="Spell correction and easy language" --> Word Count (316)  
 UserId="73315" Comment="added 17 characters in body" --> Word Count (160)  
 UserId="50406" --> Word Count (60)  
 UserId="50406" --> Word Count (6)  
 UserId="50406" --> Word Count (1)  
 UserId="41771" --> Word Count (31)  
 UserId="65767" --> Word Count (104)  
 UserId="27558" Comment="added example of how I cache data on the remote server" --> Word Count (147)  
 UserId="18693" --> Word Count (138)  
 UserId="18693" --> Word Count (9)  
 UserId="18693" --> Word Count (1)  
 UserId="79897" --> Word Count (107)  
 UserId="79897" --> Word Count (19)  
 UserId="79897" --> Word Count (1)  
 UserId="303" --> Word Count (141)  
 UserId="303" --> Word Count (11)  
 UserId="303" --> Word Count (1)  
 UserId="61883" Comment="deleted 44 characters in body" --> Word Count (187)  
 UserId="79897" Comment="deleted 151 characters in body" --> Word Count (75)  
 UserId="51714" --> Word Count (687)  
 UserId="79904" --> Word Count (24)  
 UserId="79904" --> Word Count (11)  
 UserId="79904" --> Word Count (1)

UserId="79905" --> Word Count (38)  
 UserId="79905" --> Word Count (9)  
 UserId="79905" --> Word Count (1)  
 UserId="13023" Comment="This answer was the best one so far and is the one that's going to get the bounty. I want to add other possible solutions for completeness." --> Word Count (557)  
 UserId="77052" --> Word Count (119)  
 UserId="77052" --> Word Count (4)  
 UserId="77052" --> Word Count (1)  
 UserId="79910" --> Word Count (33)  
 UserId="76779" Comment="added 130 characters in body" --> Word Count (88)  
 UserId="51714" Comment="via Vote" --> Word Count (1)  
 UserId="52291" Comment="missed some words" --> Word Count (150)  
 UserId="51714" Comment="deleted 3746 characters in body" --> Word Count (90)  
 UserId="51714" --> Word Count (1)  
 UserId="12556" --> Word Count (97)  
 UserId="12556" --> Word Count (5)  
 UserId="12556" --> Word Count (1)  
 UserId="77052" Comment="added clarification about scoring " --> Word Count (186)  
 UserId="79915" Comment="just the imports for someone who is new to keras" --> Word Count (88)  
 UserId="201" Comment="just the imports for someone who is new to keras" --> Word Count (89)  
 UserId="13023" Comment="typo" --> Word Count (555)  
 UserId="79917" --> Word Count (157)  
 UserId="79917" --> Word Count (12)  
 UserId="79917" --> Word Count (1)  
 UserId="79919" --> Word Count (75)  
 UserId="79919" --> Word Count (10)  
 UserId="79919" --> Word Count (1)  
 UserId="78269" --> Word Count (79)  
 UserId="78269" --> Word Count (8)  
 UserId="78269" --> Word Count (1)  
 UserId="12556" Comment="added 1 character in body" --> Word Count (97)  
 UserId="55122" --> Word Count (83)  
 UserId="79904" --> Word Count (23)  
 UserId="52291" Comment="Changed to new found solution" --> Word Count (124)  
 UserId="75782" --> Word Count (170)  
 UserId="75782" --> Word Count (7)  
 UserId="75782" --> Word Count (1)  
 UserId="71477" --> Word Count (60)  
 UserId="29575" Comment="Add Authors" --> Word Count (37)  
 UserId="29575" Comment="Minor formatting" --> Word Count (106)  
 UserId="79293" Comment="added 372 characters in body; edited tags; edited title" --> Word Count (111)  
 UserId="79293" Comment="added 372 characters in body; edited tags; edited title" --> Word Count (18)

UserId="79293" Comment="added 372 characters in body; edited tags; edited title"  
 --> Word Count (1)  
 UserId="77052" Comment="edited tags" --> Word Count (1)  
 UserId="71477" Comment="Added implementation" --> Word Count (239)  
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 UserId="79926" --> Word Count (1)  
 UserId="71477" Comment="Cosmetical change in the code" --> Word Count (277)  
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 UserId="-1" --> Word Count (1)  
 UserId="23305" Comment="to <https://stackoverflow.com/questions/57599133/return-digits-of-column-value-in-r>" --> Word Count (1)  
 UserId="23305" Comment="102" --> Word Count (1)  
 UserId="79928" --> Word Count (10)  
 UserId="39929" --> Word Count (44)  
 UserId="39929" --> Word Count (10)  
 UserId="39929" --> Word Count (1)  
 UserId="75738" --> Word Count (30)  
 UserId="75738" --> Word Count (5)  
 UserId="75738" --> Word Count (1)  
 UserId="78591" Comment="added 2 characters in body" --> Word Count (256)  
 UserId="79504" --> Word Count (115)  
 UserId="79504" --> Word Count (3)  
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 UserId="58433" --> Word Count (32)  
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 UserId="79945" Comment="added 1 character in body" --> Word Count (109)  
 UserId="38083" --> Word Count (47)  
 UserId="75738" --> Word Count (61)  
 UserId="75738" --> Word Count (10)  
 UserId="75738" --> Word Count (1)  
 UserId="6550" Comment="fix broken link" --> Word Count (171)  
 UserId="79949" --> Word Count (101)  
 UserId="67536" --> Word Count (32)  
 UserId="67536" --> Word Count (12)  
 UserId="67536" --> Word Count (1)  
 UserId="51714" --> Word Count (249)  
 UserId="51714" Comment="added 1 character in body" --> Word Count (291)  
 UserId="51714" Comment="added 1 character in body" --> Word Count (313)  
 UserId="65767" --> Word Count (79)  
 UserId="53994" Comment="added a new paper" --> Word Count (494)  
 UserId="836" --> Word Count (390)  
 UserId="79448" --> Word Count (132)  
 UserId="79448" --> Word Count (9)  
 UserId="79448" --> Word Count (1)

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 UserId="836" Comment="added 178 characters in body" --> Word Count (422)  
 UserId="303" --> Word Count (106)  
 UserId="303" --> Word Count (6)  
 UserId="303" --> Word Count (1)  
 UserId="67536" --> Word Count (39)  
 UserId="67536" --> Word Count (13)  
 UserId="67536" --> Word Count (1)  
 UserId="-1" Comment="103" --> Word Count (2)  
 UserId="65131" --> Word Count (181)  
 UserId="73053" --> Word Count (91)  
 UserId="73053" --> Word Count (5)  
 UserId="73053" --> Word Count (1)  
 UserId="-1" Comment="104" --> Word Count (1)  
 UserId="65767" --> Word Count (59)  
 UserId="44287" --> Word Count (23)  
 UserId="44287" --> Word Count (8)  
 UserId="44287" --> Word Count (1)  
 UserId="7812" --> Word Count (32)  
 UserId="7812" --> Word Count (4)  
 UserId="7812" --> Word Count (1)  
 UserId="77162" --> Word Count (45)  
 UserId="65767" Comment="added 1752 characters in body" --> Word Count (277)  
 UserId="77162" --> Word Count (180)  
 UserId="65767" Comment="added 577 characters in body" --> Word Count (331)  
 UserId="65767" Comment="Edit: Wrong test statistic at the end; corrected" -->  
 Word Count (331)  
 UserId="-1" --> Word Count (1)  
 UserId="7812" --> Word Count (15)  
 UserId="7812" --> Word Count (4)  
 UserId="7812" --> Word Count (1)  
 UserId="79906" --> Word Count (78)  
 UserId="79906" --> Word Count (16)  
 UserId="79906" --> Word Count (1)  
 UserId="65131" Comment="correct few typos" --> Word Count (180)  
 UserId="65131" --> Word Count (51)  
 UserId="71442" --> Word Count (26)  
 UserId="79863" --> Word Count (112)  
 UserId="79863" --> Word Count (13)  
 UserId="79863" --> Word Count (1)  
 UserId="79967" --> Word Count (124)  
 UserId="79967" --> Word Count (9)  
 UserId="79967" --> Word Count (1)  
 UserId="79293" Comment="added 2065 characters in body; edited title" --> Word  
 Count (442)  
 UserId="79293" Comment="added 2065 characters in body; edited title" --> Word  
 Count (18)  
 UserId="60796" --> Word Count (383)

UserId="60796" --> Word Count (15)  
 UserId="60796" --> Word Count (1)  
 UserId="78443" --> Word Count (120)  
 UserId="79863" Comment="added 161 characters in body" --> Word Count (142)  
 UserId="60937" --> Word Count (131)  
 UserId="60937" --> Word Count (9)  
 UserId="60937" --> Word Count (1)  
 UserId="79961" --> Word Count (88)  
 UserId="79961" --> Word Count (5)  
 UserId="79961" --> Word Count (1)  
 UserId="79779" --> Word Count (116)  
 UserId="69746" --> Word Count (314)  
 UserId="69746" --> Word Count (11)  
 UserId="69746" --> Word Count (1)  
 UserId="78269" --> Word Count (132)  
 UserId="78269" --> Word Count (10)  
 UserId="78269" --> Word Count (1)  
 UserId="60238" --> Word Count (72)  
 UserId="57892" Comment="deleted 39 characters in body" --> Word Count (137)  
 UserId="79977" --> Word Count (61)  
 UserId="79977" --> Word Count (5)  
 UserId="79977" --> Word Count (1)  
 UserId="55122" --> Word Count (59)  
 UserId="69822" --> Word Count (130)  
 UserId="69822" --> Word Count (13)  
 UserId="69822" --> Word Count (1)  
 UserId="69822" Comment="added 699 characters in body" --> Word Count (245)  
 UserId="79978" --> Word Count (139)  
 UserId="79978" --> Word Count (5)  
 UserId="79978" --> Word Count (1)  
 UserId="78756" --> Word Count (362)  
 UserId="78756" --> Word Count (11)  
 UserId="78756" --> Word Count (1)  
 UserId="78443" Comment="added 117 characters in body" --> Word Count (143)  
 UserId="79966" --> Word Count (68)  
 UserId="79980" --> Word Count (214)  
 UserId="79980" --> Word Count (13)  
 UserId="79980" --> Word Count (1)  
 UserId="16212" --> Word Count (142)  
 UserId="71477" --> Word Count (112)  
 UserId="65131" --> Word Count (47)  
 UserId="65131" --> Word Count (11)  
 UserId="65131" --> Word Count (1)  
 UserId="71477" Comment="added 107 characters in body" --> Word Count (128)  
 UserId="71477" Comment="edited body" --> Word Count (128)  
 UserId="74267" --> Word Count (73)  
 UserId="23240" --> Word Count (304)  
 UserId="13023" Comment="grammar and typos" --> Word Count (98)

UserId="13023" Comment="grammar and typos" --> Word Count (6)  
 UserId="46334" --> Word Count (66)  
 UserId="46334" --> Word Count (7)  
 UserId="46334" --> Word Count (1)  
 UserId="79986" --> Word Count (22)  
 UserId="79986" --> Word Count (14)  
 UserId="79986" --> Word Count (1)  
 UserId="79987" --> Word Count (12)  
 UserId="79987" --> Word Count (69)  
 UserId="46334" Comment="edited tags" --> Word Count (1)  
 UserId="29575" Comment="Minor grammar" --> Word Count (14)  
 UserId="79991" --> Word Count (188)  
 UserId="79991" --> Word Count (14)  
 UserId="79991" --> Word Count (1)  
 UserId="79992" --> Word Count (137)  
 UserId="79992" --> Word Count (5)  
 UserId="79992" --> Word Count (1)  
 UserId="71477" Comment="fix misspelling in title" --> Word Count (6)  
 UserId="26562" Comment="formatting and spelling" --> Word Count (169)  
 UserId="71140" Comment="added 2 characters in body" --> Word Count (123)  
 UserId="79994" --> Word Count (62)  
 UserId="79994" --> Word Count (7)  
 UserId="79994" --> Word Count (1)  
 UserId="79967" Comment="added 89 characters in body" --> Word Count (130)  
 UserId="8752" Comment="added 2344 characters in body; added 125 characters in body" --> Word Count (828)  
 UserId="23305" Comment="104" --> Word Count (1)  
 UserId="76779" Comment="added 97 characters in body" --> Word Count (99)  
 UserId="79248" --> Word Count (36)  
 UserId="79248" --> Word Count (3)  
 UserId="79248" --> Word Count (1)  
 UserId="46200" --> Word Count (531)  
 UserId="46200" --> Word Count (22)  
 UserId="46200" --> Word Count (1)  
 UserId="58433" --> Word Count (30)  
 UserId="58433" --> Word Count (9)  
 UserId="58433" --> Word Count (1)  
 UserId="80005" --> Word Count (389)  
 UserId="80005" --> Word Count (8)  
 UserId="80005" --> Word Count (1)  
 UserId="58433" Comment="added 24 characters in body; edited tags" --> Word Count (38)  
 UserId="58433" Comment="added 24 characters in body; edited tags" --> Word Count (1)  
 UserId="80006" --> Word Count (61)  
 UserId="80006" --> Word Count (22)  
 UserId="80006" --> Word Count (1)  
 UserId="78443" --> Word Count (150)

UserId="52023" --> Word Count (636)  
 UserId="52023" --> Word Count (9)  
 UserId="52023" --> Word Count (1)  
 UserId="63181" --> Word Count (56)  
 UserId="63181" --> Word Count (15)  
 UserId="63181" --> Word Count (1)  
 UserId="73114" --> Word Count (82)  
 UserId="73114" --> Word Count (8)  
 UserId="73114" --> Word Count (1)  
 UserId="21291" Comment="deleted 10 characters in body" --> Word Count (395)  
 UserId="77162" Comment="Added comments to code" --> Word Count (282)  
 UserId="69822" Comment="added 14 characters in body" --> Word Count (245)  
 UserId="63181" --> Word Count (164)  
 UserId="63181" --> Word Count (7)  
 UserId="63181" --> Word Count (1)  
 UserId="79994" --> Word Count (103)  
 UserId="79994" --> Word Count (15)  
 UserId="79994" --> Word Count (1)  
 UserId="-1" Comment="105" --> Word Count (2)  
 UserId="61883" --> Word Count (71)  
 UserId="61883" --> Word Count (8)  
 UserId="61883" --> Word Count (1)  
 UserId="69646" --> Word Count (144)  
 UserId="69646" --> Word Count (10)  
 UserId="69646" --> Word Count (1)  
 UserId="80015" --> Word Count (376)  
 UserId="80015" --> Word Count (14)  
 UserId="80015" --> Word Count (1)  
 UserId="79777" --> Word Count (34)  
 UserId="80016" --> Word Count (73)  
 UserId="80016" --> Word Count (18)  
 UserId="80016" --> Word Count (1)  
 UserId="69822" Comment="added 141 characters in body" --> Word Count (267)  
 UserId="8878" --> Word Count (209)  
 UserId="52023" Comment="added 80 characters in body" --> Word Count (645)  
 UserId="64377" --> Word Count (127)  
 UserId="64377" --> Word Count (83)  
 UserId="50833" --> Word Count (132)  
 UserId="80023" --> Word Count (95)  
 UserId="80023" --> Word Count (23)  
 UserId="80023" --> Word Count (1)  
 UserId="80026" --> Word Count (37)  
 UserId="80026" --> Word Count (6)  
 UserId="80026" --> Word Count (1)  
 UserId="-1" Comment="104" --> Word Count (3)  
 UserId="71442" --> Word Count (166)  
 UserId="67795" Comment="string plus integer error" --> Word Count (103)  
 UserId="78637" --> Word Count (30)



UserId="78637" --> Word Count (5)  
 UserId="78637" --> Word Count (1)  
 UserId="77162" --> Word Count (147)  
 UserId="29430" --> Word Count (89)  
 UserId="29430" --> Word Count (14)  
 UserId="29430" --> Word Count (1)  
 UserId="80030" --> Word Count (30)  
 UserId="80030" --> Word Count (8)  
 UserId="80030" --> Word Count (1)  
 UserId="29430" Comment="Edited title" --> Word Count (12)  
 UserId="52023" Comment="added 92 characters in body" --> Word Count (658)  
 UserId="1330" --> Word Count (107)  
 UserId="80031" --> Word Count (130)  
 UserId="80031" --> Word Count (4)  
 UserId="80031" --> Word Count (1)  
 UserId="80032" --> Word Count (154)  
 UserId="80032" --> Word Count (14)  
 UserId="80032" --> Word Count (1)  
 UserId="79934" --> Word Count (189)  
 UserId="79934" Comment="typo " --> Word Count (189)  
 UserId="1330" --> Word Count (35)  
 UserId="80034" --> Word Count (434)  
 UserId="80034" --> Word Count (17)  
 UserId="80034" --> Word Count (1)  
 UserId="78808" Comment="added 195 characters in body" --> Word Count (184)  
 UserId="80035" --> Word Count (101)  
 UserId="80035" --> Word Count (5)  
 UserId="80035" --> Word Count (1)  
 UserId="29575" Comment="102" --> Word Count (2)  
 UserId="29575" Comment="104" --> Word Count (2)  
 UserId="69822" Comment="added 143 characters in body" --> Word Count (289)  
 UserId="62521" --> Word Count (55)  
 UserId="62521" --> Word Count (8)  
 UserId="62521" --> Word Count (1)  
 UserId="65131" --> Word Count (98)  
 UserId="69644" Comment="added 281 characters in body" --> Word Count (380)  
 UserId="55122" Comment="add example of working but expensive method; clarify text-dump approach" --> Word Count (158)  
 UserId="73919" --> Word Count (148)  
 UserId="73919" --> Word Count (14)  
 UserId="73919" --> Word Count (1)  
 UserId="65323" --> Word Count (281)  
 UserId="65323" --> Word Count (5)  
 UserId="65323" --> Word Count (1)  
 UserId="52023" Comment="deleted 149 characters in body" --> Word Count (642)  
 UserId="55122" --> Word Count (30)  
 UserId="52023" Comment="deleted 149 characters in body" --> Word Count (651)  
 UserId="79928" Comment="added 338 characters in body" --> Word Count (57)

UserId="79348" --> Word Count (56)  
 UserId="79348" --> Word Count (4)  
 UserId="79348" --> Word Count (1)  
 UserId="68559" --> Word Count (195)  
 UserId="29575" Comment="Minor grammar" --> Word Count (60)  
 UserId="69822" Comment="deleted 1 character in body" --> Word Count (289)  
 UserId="77949" --> Word Count (1246)  
 UserId="77949" --> Word Count (11)  
 UserId="77949" --> Word Count (1)  
 UserId="67602" --> Word Count (112)  
 UserId="67602" --> Word Count (16)  
 UserId="67602" --> Word Count (1)  
 UserId="67602" Comment="added 22 characters in body" --> Word Count (114)  
 UserId="67602" Comment="via Vote" --> Word Count (1)  
 UserId="67602" --> Word Count (1)  
 UserId="67602" Comment="added 343 characters in body" --> Word Count (184)  
 UserId="51816" --> Word Count (28)  
 UserId="73919" Comment="added 10 characters in body" --> Word Count (148)  
 UserId="67412" --> Word Count (171)  
 UserId="61266" --> Word Count (633)  
 UserId="61266" --> Word Count (9)  
 UserId="61266" --> Word Count (1)  
 UserId="1330" --> Word Count (45)  
 UserId="58890" --> Word Count (80)  
 UserId="29575" Comment="Minor formatting / grammar" --> Word Count (37)  
 UserId="79928" Comment="added 21 characters in body" --> Word Count (57)  
 UserId="77949" Comment="added 52 characters in body" --> Word Count (1256)  
 UserId="59160" --> Word Count (189)  
 UserId="59162" --> Word Count (74)  
 UserId="59178" --> Word Count (108)  
 UserId="74855" --> Word Count (42)  
 UserId="74855" --> Word Count (12)  
 UserId="74855" --> Word Count (1)  
 UserId="68559" --> Word Count (441)  
 UserId="77663" --> Word Count (20)  
 UserId="77663" --> Word Count (13)  
 UserId="77663" --> Word Count (1)  
 UserId="80051" --> Word Count (24)  
 UserId="80051" --> Word Count (8)  
 UserId="80051" --> Word Count (1)  
 UserId="23305" Comment="104" --> Word Count (1)  
 UserId="55122" Comment="added 1190 characters in body" --> Word Count (231)  
 UserId="79999" --> Word Count (98)  
 UserId="79999" --> Word Count (12)  
 UserId="79999" --> Word Count (1)  
 UserId="62521" Comment="added 235 characters in body" --> Word Count (122)  
 UserId="836" --> Word Count (243)  
 UserId="80058" --> Word Count (265)

UserId="80058" --> Word Count (7)  
 UserId="80058" --> Word Count (1)  
 UserId="836" Comment="deleted 3 characters in body" --> Word Count (243)  
 UserId="78756" --> Word Count (750)  
 UserId="78756" --> Word Count (9)  
 UserId="78756" --> Word Count (1)  
 UserId="79690" Text="Sorry if this is a very basic question, I am learning NLP through online courses and reading books.&#xD;&#xA;&#xD;&#xA;I have a legal document from Law. That document is 4-page evidence from the plaintiff. I want to identify the Dates, Addresses and Financial transactions in that document.&#xD;&#xA;&#xD;&#xA;Can I apply deep learning, the data with me is very small, just one 4-page document? OR I should do research on how to apply --> Word Count (6)  
 UserId="79690" --> Word Count (8)  
 UserId="79690" --> Word Count (1)  
 UserId="80061" --> Word Count (29)  
 UserId="80061" --> Word Count (6)  
 UserId="80061" --> Word Count (1)  
 UserId="73907" --> Word Count (42)  
 UserId="73907" --> Word Count (7)  
 UserId="73907" --> Word Count (1)  
 UserId="69646" --> Word Count (123)  
 UserId="69646" Comment="edited title" --> Word Count (9)  
 UserId="79659" --> Word Count (15)  
 UserId="61266" Comment="deleted 12 characters in body" --> Word Count (629)  
 UserId="59227" --> Word Count (219)  
 UserId="79659" Comment="edited body" --> Word Count (126)  
 UserId="69646" --> Word Count (304)  
 UserId="69646" --> Word Count (10)  
 UserId="69646" --> Word Count (1)  
 UserId="62521" --> Word Count (179)  
 UserId="62521" --> Word Count (7)  
 UserId="62521" --> Word Count (1)  
 UserId="45264" Comment="Made a more relevant title" --> Word Count (10)  
 UserId="45264" Text="Trying to find certain things in text can be done quite easily if you have the real text, and not a scanned document that is a PDF or even an image. This is actually quite a big topic and can become quite difficult.&#xD;&#xA;&#xD;&#xA;## Pure text&#xD;&#xA;If you have pure text, you can parse out parts you need using custom regular expressions, e.g. to find a date, you might use this:&#xD;&#xA;&#xD;&#xA; ^((19|20)\d\d[- /.](0[1-9]|1[012])[- /.](0[1-9]|1[12][0-9]|3[01]))\$&#xD;&#xA;&#xD;&#xA;&#xA;&#xA; matches a date in yyyy-mm-dd format from 1900-01-01 through 2099-12-31, with a choice of four separators ([source][1]).&#xD;&#xA;&#xD;&#xA;I believe there are even a few libraries that specifically find dates for you within text.&#xD;&#xA;&#xD;&#xA;## PDF&#xD;&#xA;There are actually many types of PDF, i.e. there are many ways a pdf can be encoded behind the scenes. Some types are easier to parse than others, but luckily there are libraries that can help with that. For example, check out [PDFMiner][2].&#xD;&#xA;&#xD;&#xA;After using such

a library, you will hopefully be left with the pure text, and can maybe go back to using methods from that section.

Images  
If you are unlucky enough to have an image as a starting point, then you are now in the realms of OCR - **Optical Character Recognition**. I would recommend reading [this blog post][3] for a more complete description of possible methods, but in a nutshell, you can try using either:  
1. a traditional algorithm from computer vision (applying filters and looking for edges etc.)  
2. a trained model specialised for text (e.g. **EAST: an Efficient and Accurate Scene** --> Word Count (75))

UserId="29575" Comment="Minor grammar" --> Word Count (14)

UserId="79690" --> Word Count (108)

UserId="79690" --> Word Count (11)

UserId="79690" --> Word Count (1)

UserId="29575" Comment="Remove extra commentary" Text="I have a legal document from Law. That document is 4-pages of evidence from the plaintiff. I want to identify the Dates, Addresses and Financial transactions in that document.  
Can I apply deep learning, the data with me is very small, on just one 4-page document, or should I apply --> Word Count (6)

UserId="29575" Comment="104" --> Word Count (2)

UserId="29575" Comment="104" --> Word Count (2)

UserId="80065" --> Word Count (389)

UserId="80065" --> Word Count (8)

UserId="80065" --> Word Count (1)

UserId="69391" --> Word Count (125)

UserId="69391" --> Word Count (13)

UserId="69391" --> Word Count (1)

UserId="79160" --> Word Count (1178)

UserId="79160" --> Word Count (7)

UserId="79160" --> Word Count (1)

UserId="59136" --> Word Count (11)

UserId="59136" --> Word Count (2)

UserId="59136" --> Word Count (1)

UserId="55122" --> Word Count (121)

UserId="78443" --> Word Count (27)

UserId="55122" --> Word Count (106)

UserId="80068" --> Word Count (117)

UserId="80068" --> Word Count (23)

UserId="80068" --> Word Count (1)

UserId="57429" Comment="minor editing to make it easier to read" --> Word Count (47)

UserId="29575" Comment="minor editing to make it easier to read" --> Word Count (48)

UserId="78443" --> Word Count (115)

UserId="57429" Comment="better editing; and minor updates" --> Word Count (305)

UserId="79690" Text="I am working on to build a **bag of words** model from my text file. I want to use the `re.sub` function from the `re` library. I am getting the following error; > TypeError:

```

expected string or bytes-like object

I have coded the
following;

 import pandas as pd
 import numpy
as np
 import matplotlib.pyplot as plt
 

""" importing data set """
 from
nlTK.corpus import PlaintextCorpusReader
 corpus_root =
'./'
 wordlists = PlaintextCorpusReader(corpus_root,
'evidence1.txt')
 wordlists.fileids()

wordlists.words('evidence1.txt')
 stringx =
wordlists.words(wordlists.fileids()[0])
 print (stringx) 


 """ cleaning the texts """

from nlTK.text import Text
 text = --> Word Count (32)
UserId="79690" Text="How do I use NLTK --> Word Count (5)
UserId="79690" --> Word Count (1)
UserId="57429" Comment="changed the title to be more accurate" --> Word Count
(11)
UserId="80069" --> Word Count (105)
UserId="80069" --> Word Count (6)
UserId="80069" --> Word Count (1)
UserId="78443" Comment="deleted 62 characters in body" --> Word Count (110)
UserId="68491" --> Word Count (43)
UserId="68491" --> Word Count (11)
UserId="68491" --> Word Count (1)
UserId="68491" Comment="added 6 characters in body" --> Word Count (41)
UserId="57429" Comment="better editing" --> Word Count (151)
UserId="-1" --> Word Count (1)
UserId="23305" Comment="to https://stackoverflow.com/questions/57641179/na-3-is-
returning-as-na-want-it-as-3-but-using-the-na-rm-t-argument-turns" --> Word
Count (1)
UserId="23305" Comment="102" --> Word Count (1)
UserId="38626" --> Word Count (844)
UserId="38626" --> Word Count (13)
UserId="38626" --> Word Count (1)
UserId="79659" --> Word Count (11)
UserId="79659" --> Word Count (63)
UserId="80072" --> Word Count (372)
UserId="80072" --> Word Count (12)
UserId="80072" --> Word Count (1)
UserId="65323" --> Word Count (319)
UserId="52128" --> Word Count (62)
UserId="52128" --> Word Count (7)
UserId="52128" --> Word Count (1)
UserId="61261" --> Word Count (126)
UserId="61261" --> Word Count (9)
UserId="61261" --> Word Count (1)
UserId="29575" Comment="Minor formatting" --> Word Count (13)
UserId="29575" Comment="Minor grammar" --> Word Count (41)
UserId="59229" --> Word Count (27)
UserId="59227" --> Word Count (33)

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UserId="59193" --> Word Count (34)  
 UserId="59193" --> Word Count (39)  
 UserId="59142" --> Word Count (23)  
 UserId="8752" Comment="added 423 characters in body" --> Word Count (892)  
 UserId="8752" Comment="added 774 characters in body" --> Word Count (1020)  
 UserId="8752" Comment="added 468 characters in body; added 29 characters in body" --> Word Count (1106)  
 UserId="61261" Comment="added 3 characters in body" --> Word Count (126)  
 UserId="78104" --> Word Count (129)  
 UserId="78104" --> Word Count (10)  
 UserId="78104" --> Word Count (1)  
 UserId="-1" Comment="Added more info" --> Word Count (467)  
 UserId="61261" Comment="Added more info" --> Word Count (467)  
 UserId="55122" --> Word Count (131)  
 UserId="80079" --> Word Count (72)  
 UserId="80079" --> Word Count (11)  
 UserId="80079" --> Word Count (1)  
 UserId="80079" Comment="deleted 15 characters in body" --> Word Count (67)  
 UserId="79160" Comment="edited tags" --> Word Count (1)  
 UserId="41771" --> Word Count (110)  
 UserId="80081" --> Word Count (215)  
 UserId="80081" --> Word Count (12)  
 UserId="80081" --> Word Count (1)  
 UserId="79765" --> Word Count (242)  
 UserId="65193" --> Word Count (380)  
 UserId="78443" --> Word Count (91)  
 UserId="70520" Text="\*\*My problem statement\*\* : Time Series forecasting(Month wise data), training on 96 months of data and predicting next 12 months with a 3 months empty window in between.&#xD;&#xA;&#xD;&#xA;\*\*Example\*\* :  
 &#xD;&#xA;&#xD;&#xA;Batch 1&#xD;&#xA;&#xD;&#xA; \*\*\*Training Data index\*\*\*  
 &lt;2010-01-01 -----2017-12-01&gt;&#xD;&#xA;&#xD;&#xA;  
 \*\*\*Blank Window\*\*\* &lt;2018-01-01---2018-03-01&gt; &#xD;&#xA; \*\*\*Text  
 Month\*\*\* &lt;2018-04-01&gt;&#xD;&#xA;&#xD;&#xA;Batch 2&#xD;&#xA;&#xD;&#xA;  
 \*\*\*Training Data index\*\*\* &lt;2010-01-01  
 -----2018-01-01&gt;&#xD;&#xA;&#xD;&#xA; \*\*\*Blank  
 Window\*\*\* &lt;2018-02-01---2018-04-01&gt; &#xD;&#xA; \*\*\* --> Word Count (62)  
 UserId="70520" --> Word Count (9)  
 UserId="70520" --> Word Count (1)  
 UserId="30385" --> Word Count (81)  
 UserId="80085" --> Word Count (269)  
 UserId="80085" --> Word Count (7)  
 UserId="80085" --> Word Count (1)  
 UserId="69646" Comment="deleted 124 characters in body" --> Word Count (281)  
 UserId="69646" Comment="deleted 124 characters in body" --> Word Count (8)  
 UserId="78443" --> Word Count (75)  
 UserId="78443" --> Word Count (8)  
 UserId="78443" --> Word Count (1)  
 UserId="2459" --> Word Count (150)

UserId="80088" --> Word Count (57)  
 UserId="80088" --> Word Count (15)  
 UserId="80088" --> Word Count (1)  
 UserId="2459" --> Word Count (290)  
 UserId="2459" --> Word Count (118)  
 UserId="2459" --> Word Count (94)  
 UserId="8752" Comment="added detailed info and resources" --> Word Count (1896)  
 UserId="8752" Comment="added detailed info and resources" --> Word Count (1927)  
 UserId="46982" --> Word Count (23)  
 UserId="70520" Comment="Further Explanation" --> Word Count (332)  
 UserId="2459" Comment="added 652 characters in body" --> Word Count (200)  
 UserId="67412" --> Word Count (368)  
 UserId="67412" --> Word Count (7)  
 UserId="67412" --> Word Count (1)  
 UserId="75738" --> Word Count (53)  
 UserId="75738" --> Word Count (6)  
 UserId="75738" --> Word Count (1)  
 UserId="23305" Comment="102" --> Word Count (1)  
 UserId="70336" --> Word Count (1711)  
 UserId="70336" --> Word Count (4)  
 UserId="70336" --> Word Count (1)  
 UserId="78269" --> Word Count (732)  
 UserId="78269" --> Word Count (11)  
 UserId="78269" --> Word Count (1)  
 UserId="1330" --> Word Count (50)  
 UserId="78269" Comment="added 1 character in body" --> Word Count (732)  
 UserId="29169" Comment="formatting corrections" --> Word Count (82)  
 UserId="13278" --> Word Count (77)  
 UserId="54096" --> Word Count (45)  
 UserId="13278" Comment="added 56 characters in body" --> Word Count (137)  
 UserId="29169" Comment="formatting corrections" --> Word Count (116)  
 UserId="29575" Comment="formatting corrections" --> Word Count (112)  
 UserId="-1" Comment="103" --> Word Count (3)  
 UserId="79897" Comment="deleted 396 characters in body" --> Word Count (14)  
 UserId="79994" Comment="deleted 144 characters in body; edited tags" --> Word Count (37)  
 UserId="79994" Comment="deleted 144 characters in body; edited tags" --> Word Count (1)  
 UserId="2459" --> Word Count (200)  
 UserId="61049" --> Word Count (108)  
 UserId="61049" --> Word Count (7)  
 UserId="61049" --> Word Count (1)  
 UserId="79602" --> Word Count (126)  
 UserId="79602" --> Word Count (7)  
 UserId="79602" --> Word Count (1)  
 UserId="59229" --> Word Count (98)  
 UserId="79905" Comment="added 4 characters in body" --> Word Count (36)  
 UserId="51512" --> Word Count (88)

UserId="51512" --> Word Count (4)  
 UserId="51512" --> Word Count (1)  
 UserId="71952" --> Word Count (244)  
 UserId="71952" --> Word Count (5)  
 UserId="71952" --> Word Count (1)  
 UserId="54096" Comment="make clear this is about audio" --> Word Count (4)  
 UserId="54096" Comment="make clear this is about audio" --> Word Count (1)  
 UserId="71952" Comment="edited title" --> Word Count (8)  
 UserId="80106" --> Word Count (146)  
 UserId="80106" --> Word Count (8)  
 UserId="80106" --> Word Count (1)  
 UserId="79947" --> Word Count (225)  
 UserId="79947" --> Word Count (10)  
 UserId="79947" --> Word Count (1)  
 UserId="78637" --> Word Count (190)  
 UserId="78637" --> Word Count (13)  
 UserId="78637" --> Word Count (1)  
 UserId="78285" --> Word Count (112)  
 UserId="78285" --> Word Count (12)  
 UserId="78285" --> Word Count (1)  
 UserId="66295" --> Word Count (335)  
 UserId="66295" --> Word Count (10)  
 UserId="66295" --> Word Count (1)  
 UserId="924" --> Word Count (162)  
 UserId="924" Comment="added 12 characters in body" --> Word Count (167)  
 UserId="35644" Comment="edited tags" --> Word Count (1)  
 UserId="924" Comment="added 779 characters in body" --> Word Count (300)  
 UserId="17916" --> Word Count (61)  
 UserId="17916" --> Word Count (6)  
 UserId="17916" --> Word Count (1)  
 UserId="80112" --> Word Count (399)  
 UserId="80112" Comment="added scalability note" --> Word Count (445)  
 UserId="80106" Comment="added 521 characters in body" --> Word Count (223)  
 UserId="80106" Comment="added 48 characters in body; edited title" --> Word Count (232)  
 UserId="80106" Comment="added 48 characters in body; edited title" --> Word Count (9)  
 UserId="80118" --> Word Count (29)  
 UserId="80118" --> Word Count (10)  
 UserId="80118" --> Word Count (1)  
 UserId="49226" --> Word Count (137)  
 UserId="49226" --> Word Count (7)  
 UserId="49226" --> Word Count (1)  
 UserId="79248" Comment="Edit: I update the image show GPS on map" --> Word Count (50)  
 UserId="73441" Comment="added 6 characters in body" --> Word Count (241)  
 UserId="73441" Comment="added 2 characters in body" --> Word Count (141)  
 UserId="59136" --> Word Count (32)



```

UserId="201" --> Word Count (219)
UserId="201" --> Word Count (6)
UserId="201" --> Word Count (1)
UserId="44287" --> Word Count (49)
UserId="44287" --> Word Count (5)
UserId="44287" --> Word Count (1)
UserId="69470" Text="You are passing the variable `text` (where you stored the
`nlTK.Text` object) to `re.sub` (which expects a string `str` object, not a
`nlTK.Text` object).

Contrary to what that class's name may
suggest, `Text` is not a string-like object itself, it simply **stores**
strings. That may be what misled you.

Those strings are
probably what you need when calling the `re`-related functionality below. You
can access them normally and in a pythonic via standard enumeration methods,
e.g. `for`-looping over that instance, `for word in theText...`. See the code
below for a full example.


 import re

import random
 from nltk.text import Text
 

Initialize a dummy text with integers as its words.
 # With random
probability, we add a non-alphanumeric 
 # character to the word so
that we can test the regular
 # expression in the original
example.
 text = Text([
 str(random.randrange(1,
100)) + (
 '' if random.random() >= 0.5 else 

random.choice(['!', ', ', '?', ':', ';'])
)
 for
_ in range(20)
])
 
 # The tokens in the
`Text` object can be accessed
 # via enumeration (the class
implements a Python iterator
 # underlyingly)

print(text)
 print(text.tokens[:10])

print(list(text)[:10])
 print([x for x in text][:10])


 # To avoid the exception, we comment the original line

We can't pass the variable `text` to `re.sub` because
 # it
expects a string and `text` stores an instance of 
 # NLTK's `-->
Word Count (53)
UserId="80129" --> Word Count (127)
UserId="80129" --> Word Count (5)
UserId="80129" --> Word Count (1)
UserId="8208" --> Word Count (114)
UserId="8208" --> Word Count (7)
UserId="8208" --> Word Count (1)
UserId="80130" --> Word Count (13)
UserId="80130" --> Word Count (3)
UserId="80130" --> Word Count (1)
UserId="61484" --> Word Count (26)
UserId="71923" Comment="added 6 characters in body" --> Word Count (106)
UserId="-1" Comment="102" --> Word Count (1)
UserId="29575" Comment="104" --> Word Count (2)
UserId="29575" Comment="101" --> Word Count (2)
UserId="80135" --> Word Count (139)
UserId="80135" --> Word Count (11)
UserId="80135" --> Word Count (1)

```

UserId="29575" Comment="Minor grammar" --> Word Count (29)  
 UserId="78443" Comment="added 938 characters in body" --> Word Count (180)  
 UserId="59488" --> Word Count (223)  
 UserId="59488" --> Word Count (13)  
 UserId="59488" --> Word Count (1)  
 UserId="1330" --> Word Count (79)  
 UserId="38679" --> Word Count (108)  
 UserId="38679" --> Word Count (11)  
 UserId="38679" --> Word Count (1)  
 UserId="79934" Comment="added 1672 characters in body" --> Word Count (432)  
 UserId="39963" --> Word Count (85)  
 UserId="69822" Comment="added 6 characters in body" --> Word Count (291)  
 UserId="52291" Text="Convolutions and max pooling are both used in other areas.  
 Here you can see both being used for text:&#xD;&#xA;[ --> Word Count (79)  
 UserId="69822" Comment="added 6 characters in body" --> Word Count (330)  
 UserId="68023" --> Word Count (158)  
 UserId="80117" Comment="Added spaCy tag" --> Word Count (1)  
 UserId="80140" --> Word Count (98)  
 UserId="80140" --> Word Count (5)  
 UserId="80140" --> Word Count (1)  
 UserId="1330" Comment="deleted 2 characters in body" --> Word Count (77)  
 UserId="52291" Comment="Add quote" Text="&gt; Can you think of any domain of  
 application, other than 2D images,&#xD;&#xA;&gt; where it could make sense to  
 use max pooling or convolution?&#xD;&#xA;&#xD;&#xA;Convolutions and max pooling  
 are both used in other areas. Here you can see both being used for  
 text:&#xD;&#xA;[ --> Word Count (79)  
 UserId="45182" --> Word Count (1123)  
 UserId="45182" --> Word Count (12)  
 UserId="45182" --> Word Count (1)  
 UserId="79980" --> Word Count (75)  
 UserId="59142" --> Word Count (116)  
 UserId="80143" --> Word Count (275)  
 UserId="80143" --> Word Count (13)  
 UserId="80143" --> Word Count (1)  
 UserId="69822" Comment="added 93 characters in body" --> Word Count (348)  
 UserId="1330" Comment="edited tags" --> Word Count (1)  
 UserId="25180" Comment="grammar corrections" --> Word Count (55)  
 UserId="25180" Comment="grammar corrections" --> Word Count (6)  
 UserId="75098" --> Word Count (8009)  
 UserId="75098" --> Word Count (9)  
 UserId="75098" --> Word Count (1)  
 UserId="71442" --> Word Count (247)  
 UserId="71442" --> Word Count (5)  
 UserId="71442" --> Word Count (1)  
 UserId="80152" --> Word Count (81)  
 UserId="80152" --> Word Count (9)  
 UserId="80152" --> Word Count (1)  
 UserId="80150" --> Word Count (85)

UserId="80150" --> Word Count (11)  
 UserId="80150" --> Word Count (1)  
 UserId="78627" --> Word Count (436)  
 UserId="78627" --> Word Count (7)  
 UserId="78627" --> Word Count (1)  
 UserId="80143" Comment="added 154 characters in body" --> Word Count (288)  
 UserId="79926" --> Word Count (140)  
 UserId="79926" --> Word Count (7)  
 UserId="79926" --> Word Count (1)  
 UserId="60445" --> Word Count (64)  
 UserId="60445" --> Word Count (10)  
 UserId="60445" --> Word Count (1)  
 UserId="73433" --> Word Count (125)  
 UserId="73433" --> Word Count (9)  
 UserId="73433" --> Word Count (1)  
 UserId="80151" --> Word Count (283)  
 UserId="80151" --> Word Count (16)  
 UserId="80151" --> Word Count (1)  
 UserId="78207" --> Word Count (373)  
 UserId="71219" --> Word Count (162)  
 UserId="26019" Comment="edited body" --> Word Count (29)  
 UserId="75028" --> Word Count (603)  
 UserId="75028" --> Word Count (8)  
 UserId="75028" --> Word Count (1)  
 UserId="2459" --> Word Count (143)  
 UserId="2459" --> Word Count (148)  
 UserId="26562" Comment="typo" --> Word Count (224)  
 UserId="80165" --> Word Count (42)  
 UserId="80165" --> Word Count (9)  
 UserId="80165" --> Word Count (1)  
 UserId="80166" --> Word Count (327)  
 UserId="80166" --> Word Count (13)  
 UserId="80166" --> Word Count (1)  
 UserId="80168" --> Word Count (56)  
 UserId="80168" --> Word Count (11)  
 UserId="80168" --> Word Count (1)  
 UserId="80171" --> Word Count (151)  
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 UserId="80171" --> Word Count (1)  
 UserId="-1" Comment="102" --> Word Count (3)  
 UserId="26394" Comment="deleted 19 characters in body" --> Word Count (583)  
 UserId="79516" --> Word Count (139)  
 UserId="79516" --> Word Count (5)  
 UserId="79516" --> Word Count (1)  
 UserId="78285" --> Word Count (137)  
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 UserId="80181" --> Word Count (26)

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UserId="80185" --> Word Count (442)  
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UserId="65027" Comment="edited title" --> Word Count (9)  
UserId="78443" --> Word Count (119)  
UserId="58743" --> Word Count (41)  
UserId="58743" --> Word Count (10)  
UserId="58743" --> Word Count (1)  
UserId="78443" Comment="deleted 63 characters in body" --> Word Count (140)  
UserId="32492" --> Word Count (162)  
UserId="80187" --> Word Count (33)  
UserId="41728" --> Word Count (25)  
UserId="73393" --> Word Count (48)  
UserId="73393" --> Word Count (5)  
UserId="73393" --> Word Count (1)  
UserId="80189" --> Word Count (87)  
UserId="80189" --> Word Count (8)  
UserId="80189" --> Word Count (1)  
UserId="924" Comment="deleted 12 characters in body" --> Word Count (124)  
UserId="33335" --> Word Count (115)  
UserId="33335" --> Word Count (12)  
UserId="33335" --> Word Count (1)  
UserId="33335" Comment="edited tags" --> Word Count (1)  
UserId="61417" --> Word Count (64)  
UserId="61417" --> Word Count (7)  
UserId="61417" --> Word Count (1)  
UserId="8878" --> Word Count (181)  
UserId="77360" --> Word Count (118)  
UserId="73393" --> Word Count (94)  
UserId="61417" Comment="added 135 characters in body" --> Word Count (90)  
UserId="79448" --> Word Count (89)  
UserId="79448" --> Word Count (5)  
UserId="79448" --> Word Count (1)  
UserId="80143" --> Word Count (16)  
UserId="60445" Comment="more info" --> Word Count (123)  
UserId="39929" --> Word Count (49)  
UserId="39929" --> Word Count (10)  
UserId="39929" --> Word Count (1)  
UserId="80192" --> Word Count (610)  
UserId="80192" --> Word Count (11)  
UserId="80192" --> Word Count (1)  
UserId="76937" --> Word Count (116)  
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UserId="80195" --> Word Count (4)  
UserId="80195" --> Word Count (1)  
UserId="61883" --> Word Count (31)  
UserId="73114" Comment="edited body" --> Word Count (117)

UserId="46688" --> Word Count (169)  
 UserId="46688" --> Word Count (4)  
 UserId="46688" --> Word Count (1)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (18)  
 UserId="78285" Comment="added 489 characters in body" --> Word Count (159)  
 UserId="29575" Comment="103" --> Word Count (4)  
 UserId="80199" --> Word Count (165)  
 UserId="80199" --> Word Count (9)  
 UserId="80199" --> Word Count (1)  
 UserId="78285" Comment="added 77 characters in body" --> Word Count (167)  
 UserId="80202" --> Word Count (95)  
 UserId="63112" --> Word Count (298)  
 UserId="63112" --> Word Count (14)  
 UserId="63112" --> Word Count (1)  
 UserId="57724" --> Word Count (18)  
 UserId="57724" --> Word Count (11)  
 UserId="57724" --> Word Count (1)  
 UserId="32492" Comment="Formatting changes and removed c tag" --> Word Count (459)  
 UserId="32492" Comment="Formatting changes and removed c tag" --> Word Count (1)  
 UserId="32492" Comment="Formatting changes and added the code outputs into the code foramtting parts for easier reading." --> Word Count (327)  
 UserId="39963" Comment="added 6 characters in body" --> Word Count (78)  
 UserId="57724" --> Word Count (39)  
 UserId="57724" --> Word Count (20)  
 UserId="57724" --> Word Count (1)  
 UserId="63112" Comment="edited title" --> Word Count (13)  
 UserId="80202" Comment="deleted 3 characters in body" --> Word Count (95)  
 UserId="37184" --> Word Count (136)  
 UserId="54509" --> Word Count (78)  
 UserId="1330" Comment="added 2 characters in body" --> Word Count (79)  
 UserId="80202" Comment="added 282 characters in body" --> Word Count (138)  
 UserId="77162" --> Word Count (175)  
 UserId="77162" --> Word Count (116)  
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 UserId="80209" --> Word Count (23)  
 UserId="80209" --> Word Count (12)  
 UserId="80209" --> Word Count (1)  
 UserId="65131" --> Word Count (346)  
 UserId="80211" --> Word Count (192)  
 UserId="80211" --> Word Count (4)  
 UserId="80211" --> Word Count (1)  
 UserId="49755" --> Word Count (98)  
 UserId="49755" --> Word Count (11)  
 UserId="49755" --> Word Count (1)  
 UserId="49755" Comment="formatting" --> Word Count (94)

UserId="49755" Comment="more explanation." --> Word Count (116)  
UserId="80202" Comment="deleted 29 characters in body" --> Word Count (137)  
UserId="80199" Comment="edited title" --> Word Count (9)  
UserId="2459" --> Word Count (127)  
UserId="80219" --> Word Count (157)  
UserId="80219" --> Word Count (11)  
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UserId="58743" --> Word Count (102)  
UserId="58743" --> Word Count (19)  
UserId="58743" --> Word Count (1)  
UserId="79782" --> Word Count (220)  
UserId="79782" --> Word Count (6)  
UserId="79782" --> Word Count (1)  
UserId="65153" Comment="formatting possible code" --> Word Count (115)  
UserId="65153" Comment="formatting possible code" --> Word Count (1)  
UserId="63181" --> Word Count (161)  
UserId="63181" --> Word Count (6)  
UserId="63181" --> Word Count (1)  
UserId="58743" Comment="added 70 characters in body" --> Word Count (128)  
UserId="79779" Comment="edited title" --> Word Count (10)  
UserId="79779" Comment="edited title" --> Word Count (1)  
UserId="79779" Comment="added 102 characters in body" --> Word Count (132)  
UserId="79779" Comment="edited title" --> Word Count (9)  
UserId="80223" --> Word Count (130)  
UserId="80223" --> Word Count (4)  
UserId="80223" --> Word Count (1)  
UserId="79659" --> Word Count (109)  
UserId="79278" --> Word Count (729)  
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UserId="79278" --> Word Count (1)  
UserId="23305" Comment="102" --> Word Count (1)  
UserId="80072" --> Word Count (83)  
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UserId="41728" --> Word Count (79)  
UserId="80231" --> Word Count (121)  
UserId="80231" --> Word Count (15)  
UserId="80231" --> Word Count (1)  
UserId="80232" --> Word Count (181)  
UserId="80232" --> Word Count (7)  
UserId="80232" --> Word Count (1)  
UserId="57724" --> Word Count (48)  
UserId="57724" --> Word Count (12)  
UserId="57724" --> Word Count (1)  
UserId="15897" --> Word Count (96)  
UserId="15897" --> Word Count (9)  
UserId="15897" --> Word Count (1)  
UserId="15897" Comment="added 11 characters in body" --> Word Count (97)

UserId="80236" --> Word Count (58)  
 UserId="80221" --> Word Count (23)  
 UserId="80221" --> Word Count (7)  
 UserId="80221" --> Word Count (1)  
 UserId="53357" --> Word Count (68)  
 UserId="53357" Comment="added 32 characters in body" --> Word Count (213)  
 UserId="-1" --> Word Count (1)  
 UserId="23305" Comment="to <https://stackoverflow.com/questions/57685209/window-function-not-working-in-tableau>" --> Word Count (2)  
 UserId="23305" Comment="102" --> Word Count (2)  
 UserId="-1" --> Word Count (1)  
 UserId="23305" Comment="to <https://stackoverflow.com/questions/57685216/generate-a-pie-chart-in-tableau-showing-what-of-source-requirements-have-deriv>" --> Word Count (1)  
 UserId="23305" Comment="102" --> Word Count (1)  
 UserId="71219" --> Word Count (844)  
 UserId="57724" Comment="added 4 characters in body" --> Word Count (49)  
 UserId="71219" Comment="added 34 characters in body" --> Word Count (849)  
 UserId="62990" --> Word Count (275)  
 UserId="62990" --> Word Count (11)  
 UserId="62990" --> Word Count (1)  
 UserId="80244" --> Word Count (21)  
 UserId="80244" --> Word Count (6)  
 UserId="80244" --> Word Count (1)  
 UserId="62990" Comment="added 52 characters in body" --> Word Count (285)  
 UserId="16212" --> Word Count (171)  
 UserId="80245" --> Word Count (43)  
 UserId="80245" --> Word Count (5)  
 UserId="80245" --> Word Count (1)  
 UserId="61883" --> Word Count (26)  
 UserId="53357" --> Word Count (233)  
 UserId="80249" --> Word Count (138)  
 UserId="80249" --> Word Count (4)  
 UserId="80249" --> Word Count (1)  
 UserId="69646" Comment="via Vote" --> Word Count (1)  
 UserId="69646" --> Word Count (1)  
 UserId="73851" Comment="tag and spell check" --> Word Count (136)  
 UserId="73851" Comment="tag and spell check" --> Word Count (6)  
 UserId="73851" Comment="tag and spell check" --> Word Count (1)  
 UserId="62990" Comment="added 460 characters in body" --> Word Count (462)  
 UserId="69646" --> Word Count (855)  
 UserId="69646" --> Word Count (9)  
 UserId="69646" --> Word Count (1)  
 UserId="78409" --> Word Count (102)  
 UserId="78409" --> Word Count (17)  
 UserId="78409" --> Word Count (1)  
 UserId="63096" --> Word Count (355)  
 UserId="80245" Comment="added 93 characters in body" --> Word Count (51)

UserId="53357" Comment="added 22 characters in body" --> Word Count (96)  
UserId="76530" --> Word Count (636)  
UserId="76530" --> Word Count (7)  
UserId="76530" --> Word Count (1)  
UserId="76530" Comment="added 128 characters in body" --> Word Count (641)  
UserId="35679" --> Word Count (27)  
UserId="78409" Comment="edited tags" --> Word Count (1)  
UserId="78409" --> Word Count (75)  
UserId="78409" --> Word Count (19)  
UserId="78409" --> Word Count (1)  
UserId="75738" --> Word Count (56)  
UserId="75738" --> Word Count (4)  
UserId="75738" --> Word Count (1)  
UserId="80245" Comment="added 20 characters in body" --> Word Count (54)  
UserId="69646" Comment="added 91 characters in body" --> Word Count (872)  
UserId="75738" --> Word Count (31)  
UserId="52291" Comment="Formatting code" --> Word Count (30)  
UserId="75738" Comment="grammatical mistakes" --> Word Count (51)  
UserId="78808" Comment="added 2 characters in body" --> Word Count (185)  
UserId="71442" --> Word Count (109)  
UserId="80221" --> Word Count (89)  
UserId="80221" --> Word Count (6)  
UserId="80221" --> Word Count (1)  
UserId="54115" --> Word Count (270)  
UserId="54115" --> Word Count (6)  
UserId="54115" --> Word Count (1)  
UserId="40959" --> Word Count (105)  
UserId="80221" Comment="added 16 characters in body" --> Word Count (92)  
UserId="42478" --> Word Count (114)  
UserId="42478" --> Word Count (7)  
UserId="42478" --> Word Count (1)  
UserId="42478" Comment="added 25 characters in body" --> Word Count (117)  
UserId="80264" --> Word Count (116)  
UserId="80264" --> Word Count (6)  
UserId="80264" --> Word Count (1)  
UserId="68230" --> Word Count (275)  
UserId="80206" --> Word Count (385)  
UserId="80206" --> Word Count (7)  
UserId="80206" --> Word Count (1)  
UserId="44287" --> Word Count (30)  
UserId="44287" --> Word Count (6)  
UserId="44287" --> Word Count (1)  
UserId="52089" --> Word Count (33)  
UserId="69822" Comment="deleted 319 characters in body" --> Word Count (291)  
UserId="80269" --> Word Count (15)  
UserId="80269" --> Word Count (7)  
UserId="80269" --> Word Count (1)  
UserId="80212" Comment="added predictive modeling tag" --> Word Count (1)



UserId="29575" Comment="added predictive modeling tag" --> Word Count (173)  
 UserId="63096" --> Word Count (95)  
 UserId="80266" --> Word Count (294)  
 UserId="80266" --> Word Count (10)  
 UserId="80266" --> Word Count (1)  
 UserId="69822" --> Word Count (46)  
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 UserId="80271" --> Word Count (1)  
 UserId="45726" --> Word Count (62)  
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 UserId="80272" --> Word Count (1)  
 UserId="41297" --> Word Count (58)  
 UserId="41297" --> Word Count (17)  
 UserId="41297" --> Word Count (1)  
 UserId="80221" Comment="easier to read math block and missing parens" --> Word Count (281)  
 UserId="68230" Comment="added 375 characters in body" --> Word Count (316)  
 UserId="45726" --> Word Count (86)  
 UserId="80272" Comment="added 404 characters in body" --> Word Count (168)  
 UserId="52196" Comment="improved formatting" --> Word Count (86)  
 UserId="49755" --> Word Count (109)  
 UserId="80280" --> Word Count (35)  
 UserId="-1" --> Word Count (1)  
 UserId="55122" Comment="edited tags" --> Word Count (1)  
 UserId="69822" --> Word Count (94)  
 UserId="58743" --> Word Count (473)  
 UserId="58743" --> Word Count (11)  
 UserId="58743" --> Word Count (1)  
 UserId="60796" --> Word Count (192)  
 UserId="60796" --> Word Count (12)  
 UserId="60796" --> Word Count (1)  
 UserId="71219" Comment="added 4 characters in body" --> Word Count (849)  
 UserId="71219" --> Word Count (433)  
 UserId="80282" --> Word Count (273)  
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 UserId="78207" --> Word Count (156)  
 UserId="60796" Comment="added 43 characters in body" --> Word Count (203)  
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 UserId="71219" Comment="added 716 characters in body" --> Word Count (557)  
 UserId="80252" --> Word Count (224)  
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UserId="29575" Comment="104" --> Word Count (3)  
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 UserId="79333" --> Word Count (15)  
 UserId="79333" --> Word Count (1)  
 UserId="80302" --> Word Count (384)  
 UserId="80302" --> Word Count (12)  
 UserId="80302" --> Word Count (1)  
 UserId="80304" --> Word Count (148)  
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 UserId="43808" --> Word Count (132)  
 UserId="16212" --> Word Count (102)  
 UserId="76801" --> Word Count (14)  
 UserId="50497" --> Word Count (654)  
 UserId="50497" --> Word Count (8)  
 UserId="50497" --> Word Count (1)  
 UserId="80310" --> Word Count (75)  
 UserId="80310" --> Word Count (9)  
 UserId="80310" --> Word Count (1)  
 UserId="63096" --> Word Count (140)  
 UserId="63096" --> Word Count (11)  
 UserId="63096" --> Word Count (1)  
 UserId="63096" Comment="added 203 characters in body" --> Word Count (147)  
 UserId="75950" --> Word Count (239)  
 UserId="63096" Text="Before removing outliers or to &quot;treat&quot; the data as long as it suits your model, please have a look on the [following article][1] and check if a linear model even suits your data set.&#xD;&#xA;&#xD;&#xA;Please keep in mind that all those statistical models make assumptions about the data you give as an input. You will get only reliable results if those assumptions are met.&#xD;&#xA;&#xD;&#xA;&#xD;&#xA; [1]: https://www.statisticssolutions.com/assumptions-of-multiple-linear-regression/#targetText=Multiple%20linear%20regression%20analysis%20makes,variable%20and%20the%20independent%20variables.&target --> Word Count (1)  
 UserId="80314" --> Word Count (134)  
 UserId="80314" --> Word Count (8)  
 UserId="80314" --> Word Count (1)  
 UserId="63096" Comment="edited body" Text="Before removing outliers or to &quot;treat&quot; the data long enough to suit your model, please have a look on the [following article][1] and check if a linear model is the best choice for your data set.&#xD;&#xA;&#xD;&#xA;Please keep in mind that all those statistical models make assumptions about the data you give as an input. You will get only reliable results if those assumptions are met.&#xD;&#xA;&#xD;&#xA;&#xD;&#xA; [1]: https://www.statisticssolutions.com/assumptions-of-multiple-linear-regression/#targetText=Multiple%20linear%20regression%20analysis%20makes,variable%20and%20the%20independent%20variables.&target --> Word Count (1)  
 UserId="80315" --> Word Count (83)  
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 UserId="80315" --> Word Count (1)

UserId="74846" --> Word Count (53)  
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 UserId="74846" --> Word Count (1)  
 UserId="78515" --> Word Count (268)  
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 UserId="78515" --> Word Count (1)  
 UserId="80317" --> Word Count (189)  
 UserId="80317" --> Word Count (8)  
 UserId="80317" --> Word Count (1)  
 UserId="75890" --> Word Count (78)  
 UserId="75145" --> Word Count (53)  
 UserId="75145" --> Word Count (10)  
 UserId="75145" --> Word Count (1)  
 UserId="75890" --> Word Count (100)  
 UserId="80285" --> Word Count (657)  
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 UserId="65710" Comment="not reproducible... need to import itertools, e.g. see: <https://stackoverflow.com/questions/41252311/itertools-not-defined-when-used-inside-module>" --> Word Count (636)  
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 UserId="80252" --> Word Count (167)  
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 UserId="80320" --> Word Count (1)  
 UserId="80302" Comment="added 325 characters in body" --> Word Count (421)  
 UserId="78983" --> Word Count (385)  
 UserId="78983" --> Word Count (14)  
 UserId="78983" --> Word Count (1)  
 UserId="80328" --> Word Count (32)  
 UserId="80328" --> Word Count (8)  
 UserId="80328" --> Word Count (1)  
 UserId="80331" --> Word Count (26)  
 UserId="79690" --> Word Count (46)  
 UserId="79690" --> Word Count (14)  
 UserId="79690" --> Word Count (1)  
 UserId="55122" --> Word Count (58)  
 UserId="79690" Comment="added 84 characters in body" --> Word Count (62)  
 UserId="49590" --> Word Count (96)  
 UserId="80325" --> Word Count (555)  
 UserId="80325" --> Word Count (13)  
 UserId="80325" --> Word Count (1)  
 UserId="80333" --> Word Count (59)  
 UserId="80325" Comment="added 42 characters in body" --> Word Count (557)  
 UserId="76530" --> Word Count (574)  
 UserId="76530" --> Word Count (8)  
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 UserId="78808" Comment="added feature information" --> Word Count (208)  
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 UserId="79690" Comment="added 1 character in body" --> Word Count (62)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (81)  
 UserId="45726" --> Word Count (82)  
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 UserId="44994" --> Word Count (4)  
 UserId="44994" --> Word Count (1)  
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 UserId="-1" --> Word Count (1)  
 UserId="23305" Comment="to  
<https://stackoverflow.com/questions/57714160/valueerror-found-input-variables-with-inconsistent-numbers-of-samples-29675>" --> Word Count (3)  
 UserId="23305" Comment="102" --> Word Count (3)  
 UserId="80350" --> Word Count (85)  
 UserId="80350" --> Word Count (9)  
 UserId="80350" --> Word Count (1)  
 UserId="69822" --> Word Count (157)  
 UserId="64377" --> Word Count (138)  
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 UserId="924" --> Word Count (106)  
 UserId="80355" --> Word Count (199)  
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 UserId="80097" --> Word Count (7)  
 UserId="80097" --> Word Count (1)  
 UserId="80357" --> Word Count (61)  
 UserId="80357" --> Word Count (2)  
 UserId="80357" --> Word Count (1)  
 UserId="80354" --> Word Count (64)  
 UserId="80354" --> Word Count (28)  
 UserId="80097" Comment="added 35 characters in body" --> Word Count (282)  
 UserId="29575" Comment="Remove extra commentary" --> Word Count (56)  
 UserId="76530" Comment="\$ inserted to chance the 'x' (times operation) font so  
 the x is not confused with a variable" --> Word Count (60)  
 UserId="29575" Comment="\times is the latex operator" --> Word Count (61)  
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 UserId="79723" --> Word Count (82)

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 UserId="54721" --> Word Count (12)  
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 UserId="67437" --> Word Count (6)  
 UserId="67437" --> Word Count (1)  
 UserId="71219" --> Word Count (527)  
 UserId="8251" --> Word Count (207)  
 UserId="8251" --> Word Count (9)  
 UserId="8251" --> Word Count (1)  
 UserId="55122" Comment="edited tags" --> Word Count (1)  
 UserId="62309" --> Word Count (85)  
 UserId="-1" --> Word Count (1)  
 UserId="23305" Comment="to <https://stackoverflow.com/questions/57720149/convert-data-frame-to-time-series-r>" --> Word Count (1)  
 UserId="23305" Comment="102" --> Word Count (1)  
 UserId="71219" Comment="added 110 characters in body" --> Word Count (545)  
 UserId="40361" --> Word Count (75)  
 UserId="40361" Comment="added nutshell part" --> Word Count (164)  
 UserId="80375" --> Word Count (98)  
 UserId="80378" --> Word Count (79)  
 UserId="80378" --> Word Count (10)  
 UserId="80378" --> Word Count (1)  
 UserId="80380" --> Word Count (186)  
 UserId="80380" --> Word Count (8)  
 UserId="80380" --> Word Count (1)  
 UserId="76530" --> Word Count (565)  
 UserId="76530" --> Word Count (12)  
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 UserId="80382" Comment="Model API suggestion" --> Word Count (64)  
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 UserId="13515" --> Word Count (7)  
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 UserId="80388" --> Word Count (40)  
 UserId="41728" --> Word Count (210)  
 UserId="80392" --> Word Count (48)  
 UserId="80392" --> Word Count (8)  
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 UserId="73609" --> Word Count (304)  
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 UserId="74852" --> Word Count (32)

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 UserId="42229" --> Word Count (5)  
 UserId="71442" --> Word Count (139)  
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 UserId="71442" --> Word Count (71)  
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 UserId="77162" --> Word Count (69)  
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 UserId="23305" Comment="105" --> Word Count (1)  
 UserId="80405" --> Word Count (14)  
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 UserId="80405" --> Word Count (1)  
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 UserId="80406" --> Word Count (1)  
 UserId="41728" --> Word Count (39)  
 UserId="41728" Comment="added 112 characters in body" --> Word Count (56)  
 UserId="80406" Comment="I forgot to said that I reduce my train imgs to 20/20"  
 --> Word Count (376)  
 UserId="71219" Comment="edited body" --> Word Count (545)  
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UserId="23305" Comment="102" --> Word Count (1)  
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UserId="75468" --> Word Count (8)  
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UserId="69384" --> Word Count (10)  
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UserId="75468" Comment="added 310 characters in body" --> Word Count (143)  
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UserId="80445" --> Word Count (613)  
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 UserId="74110" Comment="added 1075 characters in body; edited title" --> Word Count (8)  
 UserId="80447" Comment="edited tags" --> Word Count (1)  
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 UserId="80335" Comment="added 124 characters in body" --> Word Count (34)  
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 UserId="79999" --> Word Count (5)  
 UserId="79999" --> Word Count (1)  
 UserId="42229" Comment="added 108 characters in body" --> Word Count (48)  
 UserId="12985" --> Word Count (87)  
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 UserId="23305" Comment="to  
<https://opendata.stackexchange.com/questions/15667/dataset-format-firststratedata>"  
 --> Word Count (1)  
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UserId="-1" --> Word Count (1)
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https://stackoverflow.com/questions/57739956/valueerror-can-not-merge-dataframe-
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UserId="18238" --> Word Count (115)
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UserId="79504" --> Word Count (1)
UserId="1330" Comment="deleted 27 characters in body; edited tags" --> Word
Count (72)
UserId="1330" Comment="deleted 27 characters in body; edited tags" --> Word
Count (1)
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UserId="80463" --> Word Count (1)
UserId="74421" Comment="added code type" --> Word Count (142)
UserId="80463" Comment="added 23965 characters in body" --> Word Count (7368)
UserId="80463" Comment="deleted 13693 characters in body" --> Word Count (376)
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UserId="59854" --> Word Count (7)
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UserId="74855" --> Word Count (89)
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