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<pre>[nltk_data] [nltk_data] [nltk_data] [nltk_data] [nltk_data] [nltk_data] [nltk_data]</pre>	Package webtext is already up-to-date! Downloading package wmt15_eval to C:\Users\Ritesh Kolte\AppData\Roaming\nltk_data Package wmt15_eval is already up-to-date! Downloading package word2vec_sample to C:\Users\Ritesh Kolte\AppData\Roaming\nltk_data
<pre>[nltk_data] [nltk_data] [nltk_data] [nltk_data] [nltk_data] [nltk_data]</pre>	Package word2vec_sample is already up-to-date! Downloading package wordnet to C:\Users\Ritesh Kolte\AppData\Roaming\nltk_data Package wordnet is already up-to-date! Downloading package wordnet2021 to C:\Users\Ritesh Kolte\AppData\Roaming\nltk_data
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<pre>[nltk_data] [nltk_data] [nltk_data] [nltk_data] [nltk_data]</pre> Out[3]: True	Downloading package ycoe to C:\Users\Ritesh Kolte\AppData\Roaming\nltk_data Package ycoe is already up-to-date! Done downloading collection all
In [14]: from nltk.to In [18]: content = "G	Okenize import sent_tokenize GeeksforGeeks is a great learning platform. It is one of the best for Computer Science students." #tookenizing sent_tokenize(content) nce)
<pre>['GeeksforGee In [19]: from nltk.to content = "G</pre>	oks is a great learning platform.', 'It is one of the best for Computer Science students.'] Okenize import word_tokenize GeeksforGeeks is a great learning platform. It is one of the best for Computer Science students." Tord_tokenize(content)
['GeeksforGee In [21]: #pos and sto	ks', 'is', 'a', 'great', 'learning', 'platform', '.', 'It', 'is', 'one', 'of', 'the', 'best', 'for', 'Computer', 'Science', 'students', '.']
<pre>print(stopWo {'most', 'whi 'an', "we'd", 'shan', "it'l</pre>	set(stopwords.words("english")) ords) ch', 'aren', 'who', 'here', "wouldn't", 'has', 'i', "mustn't", 'all', "hadn't", 'doing', 'no', 'until', 'when', 'but', 'this', "don't", "hasn't", 's', 'in', 'because', 'each', 'am', 'are', 'more', 'them', 'to', 'he', 'my', 'at', 'his', 'being', 'few', "couldn't", "i'd", 'their', "wasn't", 'out', 'if', 'and', 'don', "it'd", 'further', 'doesn', 'what', "weren't", "he'd", 'whom', 'should', 'where', "i'm", "she'd", 'over', 'while', 'into', 'own', 'too', 'wouldn', 'me', 'same', 'before', 'nor', 'her', l", 'mightn', 'again', 'not', 'does', "you'll", 'is', "mightn't", 'other', 'been', "doesn't", 'then', 'didn', 'during', 'hers', 'just', 'only', 'haven', 'weren', "we're", 'wasn', 'by', 'a', 'these', "you're", 'that', 'theirs', "aren't", 'itself', "i 'than', "that'll", "won't", 'ourselves', 'up', 'y', "they're", "isn't", 'with', 'herself', 'between', 'm', "he'll", 'your', 'hadn', 'do', 'couldn', 'or', "he's", 'needn', "shouldn't", 've', 'themselves', 'down', 'they', 'him', "they'd", 'haven', 'm', 'm', 'm', 'm', 'm', 'm', 'm', '
e', "they'll" 'll', "didn't rs', 'hasn',	than, that II, won't, ourselves, up, y, they le, isn't, will, merself, between, m, ne'll, you'r, hadn', do, couldn', of, he's, heedn', shouldn't, ve', themselves', down', they d', have', 'such', "shan't", 't', 'mustn', 'above', 'was', 'below', "should've", 're', 'she', "we'll", 'shouldn', "you've", 'yourselves', 'any', 'how', "she'll", 'as', 'for', "needn't", 'be', "we've", 'through', "you'd", 'of', 'won', ", "i'll", 'so', 'against', 'd', 'from', 'both', 'ma', 'about', 'some', 'ours', 'we', 'now', 'himself', 'on', 'can', 'those', 'you', 'under', "haven't", 'why', 'had', 'its', 'the', 'very', 'were', 'there', 'once', 'did', "she's", 'ain', 'myself', 'you', 'isn', 'it', 'after', "they've", 'having'} GeeksforGeeks is a great learning platform. It is one of the best for Computer Science students."
#filter filterWo	
['g'] ['e'] ['e'] ['k'] ['s'] ['f']	
['o'] ['r'] ['g'] ['e'] ['e']	
['s'] [] ['i'] ['s'] [] ['a']	
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['l'] ['e'] ['a'] ['r'] ['n'] ['i']	
['n'] ['g'] [] ['p'] ['l'] ['a'] ['t']	
['t'] ['o'] ['r'] ['m'] ['.']	
['i'] ['t'] [] ['i'] ['s']	
['o'] ['n'] ['e'] [] ['o'] ['o'] ['f']	
[] ['t'] ['h'] ['e'] [] ['b'] ['e']	
['s'] ['t'] [] ['f'] ['o'] ['r']	
['t'] ['e'] ['r'] [] ['s'] ['c'] ['i']	
['i'] ['e'] ['n'] ['c'] ['e'] [] ['s']	
['t'] ['u'] ['d'] ['e'] ['n'] ['t']	
<pre>['s'] ['.'] In [32]: #pos taging content = "G token=word_t pos=nltk.pos</pre>	GeeksforGeeks is a great learning platform. It is one of the best for Computer Science students." Schenize(content) Schag(token)
<pre>print(pos) [('GeeksforGe 'NNP'), ('stu</pre>	eks', 'NNP'), ('is', 'VBZ'), ('a', 'DT'), ('great', 'JJ'), ('learning', 'JJ'), ('platform', 'NN'), ('.', '.'), ('It', 'PRP'), ('is', 'VBZ'), ('one', 'CD'), ('of', 'IN'), ('the', 'DT'), ('best', 'JJS'), ('for', 'IN'), ('Computer', 'NNP'), ('science', dents', 'NNS'), ('.', '.')] tem import PorterStemmer, WordNetLemmatizer
<pre>In [37]: #stemming content = "G token=word_t stemmer = Po for word in</pre>	GeeksforGeeks is a great learning platform. It is one of the best for Computer Science students." Cokenize(content) OrterStemmer()
print(st geeksforgeek is a great learn	
platform it is one of	
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<pre>student . In [38]: #lemmitizati content = "G token=word_t lemmatizer=W for word in</pre>	GeeksforGeeks is a great learning platform. It is one of the best for Computer Science students." cokenize(content) WordNetLemmatizer() token:
<pre>student . In [38]: #lemmitizati content = "G token=word_t lemmatizer=W for word in</pre>	GeeksforGeeks is a great learning platform. It is one of the best for Computer Science students." Cokenize(content) CordNetLemmatizer() token: commatizer.lemmatize(word))

one
of
the
best
for
Computer
Science
student

In [1]: import pandas as pd

In [3]: nltk.download("all")

In [2]: import nltk

import numpy as np

import matplotlib.pyplot as plt

