

START OF QUIZ

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Question 1

Topic: Lecture 8

Source: Lecture 8

In the following tweets, identify at least 5 phenomena that are specific to online data. Give their names, as well as the example you chose:

1. All these sushi pics on my tl are driving me craaaazzy :(
2. @EricAguigam @taylorswift13 Phenomenal bro! I would love to collab with you and your friends asap :)
- 3, Oh yes, sir, that would be quite delightful :(
4. Hi to all my bestfriends/friends out there! :)"> salamat sa mga nag.greet! :) Really Appreciated guise :-* Godbless y'all :)<3 (2)

Question 2

Topic: Lecture 5

Source: Lecture 5

How does Kendall's Tau differ from other evaluation metrics we've seen? (ie, accuracy, F1, Precision, BLEU, etc.) (1)

Question 3

Topic: Lecture 8

Source: Lecture 8

What is one similarity and one dissimilarity between emojis and emoticons? (1)

Question 4

Topic: Lecture 5

Source: Lecture 5

In class, we said that "fake" fake reviews are often too prototypical when they are generated by hand. Given the tools you're familiar with, how do you think we could generate fake reviews automatically? Do you think they would suffer from the same problem? (2)

Question 5

Topic: Lecture 7

Source: Lecture 7

How might you modify a standard sentiment analyzer to track change in sentiment over time? (2)

Question 6

Topic: Lecture 7

Source: Lecture 7

We talked about time and place as completely separate ideas - do you think there would be any benefit to tracking choropleths over time? Briefly explain. (1)

Question 7

Topic: Lecture 6

Source: Lecture 6

What is distant supervision, and why can we apply it to social media? (1)

Question 8

Topic: Lecture 6

Source: Lecture 6

Based on the Swartz et al (2013) study of personality on social media, give an example of how emotion classification intersects with the identification of personality traits. (1)

Question 9

Topic: Long

Source: Lecture 5

A: Feature vector = $(2,1)$, rating = 2

B: Feature vector = $(2,-1)$, rating = 3

C: Feature vector = $(-1,-1)$, rating = 5

If we are doing SVM-based ranking, give at least one feature vector that can be used as a positive example for our binary SVM classifier, and one feature vector that can be used as a negative example.

Secondly, if the weight vector of our trained SVM classifier is $(2,-2)$, what is Kendall's Tau for the resulting ordinal classification of these 3 documents? (3)

END OF QUIZ