START OF QUIZ
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Question 1

Topic: Lecture 5
Source: Lecture 5

Describe metadata. Why is it useful? (1)

Question 2

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 (2): 1. All these sushi pics on my tl are driving me craaaazzyy :(
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

Question 3

Topic: Lecture 7
Source: Lecture 7

Can you think of any disadvantages to representing data in a choropleth? When might it be more advantageous to use a different visualization method? (2)

Question 4

Topic: Lecture 5
Source: Lecture 5

Why would a tweet history help identify sarcasm in a new tweet? (1)

Question 5

Topic: Lecture 8
Source: Lecture 8

What is code-switching, and why is it a problem for NLP? (1)

Question 6

Topic: Lecture 6
Source: Lecture 6

Briefly describe valence, arousal, and dominance, and how they are used in emotion detection. (1)

Question 7

Topic: Lecture 7
Source: Lecture 7

Imagine that we had a strange representation of the date: "Year 23 in the 21st century on the 3rd day of March, at 11 minutes past 17". Using strptime, what is the format that we would need to provide to recognize this time? (1)

Question 8

Topic: Lecture 6
Source: Lecture 6

How does modeling author personality help in the detection of sentiment (think about how it might help us determine sarcasm or interpret reviews). (2)

Question 9

Topic: Coding
Source: Lecture 5

A: Feature vector = (2,1); rating = 1 B: Feature vector = (0, 4); rating = 3 C: Feature vector = (3,3); rating = 4 (3). 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, 4), what is Kendall's Tau for the resulting ordinal classification of these 3 documents?

END OF QUIZ