START OF QUIZ
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Question 1

Topic: Lecture 8
Source: Lecture 8

Why do memes present a unique challenge to CL tools? (1)

Question 2

Topic: Lecture 7
Source: Lecture 7

What information about a user/document is required in order to include it in a choropleth (2 items)? (1)

Question 3

Topic: Lecture 7
Source: Lecture 7

Times in Python datetime do not necessarily correspond to a particular, unique moment in time (e.g. the exact moment someone was born). What needs to be true of them in order for them to represent a specific moment in time? (1)

Question 4

Topic: Lecture 6
Source: Lecture 6

Which of the following Tweets is most likely to be sarcastic? Give a brief explanation of why.
A. That sounds like a really great idea! #Awesome!
B. That sounds like a reeeeeeally great idea!
C. That sounds like a really great idea! (_)
D. That sounds like a really great idea! :+1: (2)

Question 5

Topic: Lecture 5
Source: Lecture 5

SVM ranking takes advantage of the fact that an ordinal problem can be transformed into a binary "larger than" problem by simple subtraction of feature vectors. It's typically done with a linear SVM. Do you think we could apply a similar trick with a neural model? Why or why not? (2)

Question 6

Topic: Lecture 8
Source: Lecture 8

Suggest one way that normalization of non-standard social data can help sentiment analysis, and one that can hurt it. (1)

Question 7

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 8

Topic: Lecture 6
Source: Lecture 6

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