

**START OF QUIZ**

**Student ID:**

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## Question 1

Topic: Lecture 8

Source: Lecture 8

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

## Question 2

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 3

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 4

Topic: Lecture 6

Source: Lecture 6

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

## Question 5

Topic: Lecture 5

Source: Lecture 5

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

## Question 6

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 7

Topic: Lecture 8

Source: Lecture 8

In class, we discussed that internet speech may be emerging as its own language (or at least, as a dialect). What features of an emerging language does it demonstrate? Does it lack anything to make you consider it a language? Finally, do you think that separate social media sites could be considered different dialects? Briefly explain. (2)



## Question 8

Topic: Lecture 7

Source: Lecture 7

Can you think of any biases that exist in the datetime library? If you were redesigning the library, what added functionality might you add? (2)

## Question 9

Topic: Coding

Source: Lecture 7

Imagine that you have gotten a long string of unstructured data, and you need to recognize and normalize dates and times in either YY(YY)/MM/DD, MM/DD/YY(YY), or [X]Day, Month Name Day of Month, Year format (ie. Monday, March 20, 2023 - this was actually part of a Capstone a few years ago). Write pseudocode to first identify a date in running text, and then to normalize it. (3)

**END OF QUIZ**