START OF QUIZ
Student ID:
80041163,Zhao,Ryan

Question 1

Topic: Lecture 2
Source: Lecture 2

If we have a new corpus, how might we automatically determine (without ML): A. The language it's written in. B. Whether it is annotated C. If it is multilingual D. genre? Briefly explain your reasoning. (2)

Question 2

Topic: Lecture 3
Source: Lecture 3

What properties of dictionaries make them an efficient choice for nesting complex lexicons. (1)

Question 3

Topic: Lecture 4
Source: Lecture 4

Why does type-to-token ratio decrease as the size of the corpus increases? What does this suggest about long documents? (1)

Question 4

Topic: Lecture 4
Source: Lecture 4

In class, we removed stopwords by using a lexicon. Can you think of another way that we could remove all closed class words? (1)

Question 5

Topic: Lecture 2
Source: Lecture 2

Do you think it's possible for a language not to follow a Zipfian curve? What consequences might that have on communication (if, let's say, if the curve were linear)? (2)

Question 6

Topic: Lecture 3
Source: Lecture 3

Describe the concept of the ”Minimum viable product”, and how it relates to using lexicons. (1)

Question 7

Topic: Lecture 1
Source: Lecture 1

Why is strip() such a useful function? (1)

Question 8

Topic: Lecture 1
Source: Lecture 1

In class, we talked about how .isdigit() is insufficient for determining whether we can convert a string to a float. Write a short function "isfloat" that determines whether a provided string is a valid floating point number. (2)

Question 9

Topic: Coding
Source: Coding

Write a function that determines whether the last consonant of the root of a verb has been doubled. For example: win -> winning. The function can take any string. What kind of error testing should you perform? (Hint - consonant doubling only occurs in certain environments). (3)

END OF QUIZ