START OF QUIZ
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Question 1

Topic: Lecture 5
Source: Lecture 5

Which is likely to have the highest PMI? A rare word and a frequent word that appear together frequently, or two frequent words that appear together frequently? (1)

Question 2

Topic: Lecture 7
Source: Lecture 7

How is the TextTiling algorithm similar to the Lesk algorithm? How is it different? (2)

Question 3

Topic: Lecture 6
Source: Lecture 6

Think back to week 1 of this block when we were doing word sense disambiguation. Do you think there would be benefits or disadvantages to disambiguating all words before running word2vec? Explain. (2)

Question 4

Topic: Lecture 8
Source: Lecture 8

What is the purpose of an antecedent in anaphoric resolution? (1)

Question 5

Topic: Lecture 7
Source: Lecture 7

We took a look at 2 different ways of implementing the TextTiling algorithm - one with vector overlap, and one with BERT. Can you think of how we might modify the algorithm further to strengthen up its weaknesses? (No is not a valid answer.) (2)

Question 6

Topic: Lecture 6
Source: Lecture 6

What are two significant shortcoming of the Word2Vec model? (1)

Question 7

Topic: Lecture 5
Source: Lecture 5

Generally speaking, why are we not interested in negative PMI? (1)

Question 8

Topic: Lecture 8
Source: Lecture 8

What is an anaphor? (1)

Question 9

Topic: Long
Source: Lecture 5

All of these embeddings we've been looking at have been an effort to translate meaning into math, so that we can use computational algorithms (which are good at math) to process meaning. To what extent do you think that these are a good approximation for how we understand language, and to what extent do you think they are a poor approximation? (3)

END OF QUIZ