

START OF QUIZ

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Question 1

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 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 8

Source: Lecture 8

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

Question 4

Topic: Lecture 8

Source: Lecture 8

Describe a Discourse Unit. (1)

Question 5

Topic: Lecture 5

Source: Lecture 5

What is the primary assumption of the vector space model for semantics, regardless of how it's implemented? (1)

Question 6

Topic: Lecture 7

Source: Lecture 7

Why do you think that pronouns must be high salience items from previous sentences? (1)

Question 7

Topic: Lecture 5

Source: Lecture 5

We've seen co-occurrence matrices weighted by TF-IDF; would it make sense to weight them by PMI? Briefly explain. (1)

Question 8

Topic: Lecture 6

Source: Lecture 6

Explain why extrinsic evaluation can be a much more desirable method of evaluating the quality of word vectors than intrinsic evaluation (we didn't have this in the slides, but remember that intrinsic evaluation is something like the analogy task, that tries to measure the quality of the vectors directly). (2)

Question 9

Topic: Long

Source: Lecture 8

Draw the RST Tree of the following paragraph (you can use the parenthetical notation we used in class): Although Henry was a professor of archeology, he didn't really like teaching. He preferred to go on adventures, searching for lost artifacts. Sometimes, this meant he had to fight Nazis, and one time, aliens. He time-traveled once, too. But he saved the world a few times, so the University was ok with it. (3)

END OF QUIZ