

START OF QUIZ

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Question 1

Topic: Lecture 8

Source: Lecture 8

What tools are required to build an entity grid? (not structures - matrices, etc. are interesting, but I'm asking what kind of NLP tools are necessary to fill the grid - there are at least 2. (1)

Question 2

Topic: Lecture 6

Source: Lecture 6

We took a look at how vectors can be added / subtracted in vector space. Why does this work? (hint: think back to the general properties of word embeddings that we've wanted from the very start) (1)

Question 3

Topic: Lecture 5

Source: Lecture 5

In class, we talked about how a "typical" dimensionality for embeddings is in the range of 100-500. What might be some consequences if we estimated too low or too high? (2)

Question 4

Topic: Lecture 8

Source: Lecture 8

Describe the recency criterion for anaphor resolution. Why can't we just backtrack from the current word (at least in English)? (2)

Question 5

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 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 7

Source: Lecture 7

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

Question 8

Topic: Lecture 6

Source: Lecture 6

What is the purpose of negative sampling in a Word2Vec model? (1)

Question 9

Topic: Coding

Source: Coding

Draw the RST Tree of the following paragraph: 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. But he saved the world a few times, so the University was ok with it. (3)

END OF QUIZ