

START OF QUIZ

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Question 1

Topic: Lecture 7

Source: Lecture 7

Explain salience with respect to entities in a sentence (ie, when identifying Cf). (1)

Question 2

Topic: Lecture 8

Source: Lecture 8

Why is it easy to create negative examples for lexical coherence tests? (1)

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 disadvantages to disambiguating all words before running word2vec? Explain. (2)

Question 4

Topic: Lecture 8

Source: Lecture 8

What is an anaphor? (1)

Question 5

Topic: Lecture 6

Source: Lecture 6

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

Question 6

Topic: Lecture 7

Source: Lecture 7

Why are we interested in backward-facing centers (Cb). Why not just consider the entities in the current sentence? (1)

Question 7

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 8

Topic: Lecture 5

Source: Lecture 5

When we were calculating PMI of a symmetric matrix, why is it not a case of double counting the word in our document? ie., why do the counts of (attorney, fun) and (fun, attorney) not count as two counts each of attorney and fun (such as when we are calculating the total sum of the matrix? (2)

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