

**START OF QUIZ**  
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## Question 1

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 2

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 3

Topic: Lecture 7

Source: Lecture 7

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

## Question 4

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 5

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 6

Topic: Lecture 8

Source: Lecture 8

What is an anaphor? (1)

## Question 7

Topic: Lecture 8

Source: Lecture 8

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



## Question 8

Topic: Lecture 7

Source: Lecture 7

What is the difference between coherence and cohesion? (1)

## Question 9

Topic: Long

Source: Lecture 7

Identify the shifts in the following discourse (show your work): Jonathan Harker was a solicitor from England. He was sent to Transylvania to meet with the mysterious Count Dracula. Dracula wanted to buy property in London. That's where all the wealthiest nobles lived. Dracula had other plans, too, but Harker didn't know that. (3)

**END OF QUIZ**