

START OF QUIZ

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Question 1

Topic: Topic1

Source: Lecture 1

Define the LCS why is it important for calculating word similarity?

Question 2

Topic: Topic1

Source: Lecture 1

What is the relationship between sour and sweet?

Question 3

Topic: Topic4

Source: Lecture 4

Some verbs in English can take either one or two objects (such as “see” - I see a bird vs. I see a bird with binoculars). Explain, in terms of lambda calculus, why we would need separate predicates for these different uses of “see”.

Question 4

Topic: Topic2

Source: Lecture 2

What is the purpose of a dictionary gloss?

Question 5

Topic: Topic3

Source: Lecture 3

Do we need both $\&$ and $\|$, or could we use some other operations to represent all complex information with just one of them (either one)? Briefly explain.

Question 6

Topic: Topic4

Source: Lecture 4

In class, we've discussed links in an ontology as positive predicates. Do you think it is worthwhile to create negative predicates (ie, Hamlet is not alive), etc.? What might be some benefits and disadvantages of such an approach, and does one outweigh the other?

Question 7

Topic: Topic2

Source: Lecture 2

How are tools like the General Inquirer or LIWC used to perform content analysis?

Question 8

Topic: Topic3

Source: Lecture 3

What is the Modus Ponens conclusion available from the following statements? If Modus Ponens does not apply, state so. All oranges are tasty. Oranges are fruit.

Question 9

Topic: Coding

Source: Lecture 2

Write a function that transforms a sentence into a feature vector containing the following features: the first word before and after the word of interest that isn't a stopword, and any verbs in the sentence.

END OF QUIZ