

START OF QUIZ

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Question 1

Topic: Topic1

Source: Lecture 1

What is the relationship between sour and sweet?

Question 2

Topic: Topic2

Source: Lecture 2

Describe why the “most frequent sense” baseline is so strong. What are some assumptions that it makes?

Question 3

Topic: Topic3

Source: Lecture 3

Given that A is False, B is True, and C is False, list 3 complex statements that are true, and 2 that are false.

Question 4

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 5

Topic: Topic1

Source: Lecture 1

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

Question 6

Topic: Topic3

Source: Lecture 3

Is implication transitive? That is, if $A \rightarrow B$, and $B \rightarrow C$, does $A \rightarrow C$? Explain.

Question 7

Topic: Topic2

Source: Lecture 2

What is the purpose of a dictionary gloss?

Question 8

Topic: Topic4

Source: Lecture 4

Why is FOL more expressive than ontologies (Description logics)? ie., what can FOL do that ontologies can't?

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