

START OF QUIZ

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Question 1

Topic: Lecture 3

Source: Lecture 3

Give an example of a sentence where the subject is also the theme of the sentence (hint: it might have a special sentence structure). (1)

Question 2

Topic: Lecture 2

Source: Lecture 2

How can we use POS/morphological tagging to aid in temporal relation extraction? (1)

Question 3

Topic: Lecture 1

Source: Lecture 1

Briefly explain the role of a gazetteer, and one way of creating one. (1)

Question 4

Topic: Lecture 3

Source: Lecture 3

How can semantic roles be used to identify relations in relation extraction? How can they help us identify false positives from our system? (2)

Question 5

Topic: Lecture 4

Source: Lecture 4

If we were to attempt joint NER and SRL, how would we set up the model? Describe the input, the architecture, and the output. (2)

Question 6

Topic: Lecture 2

Source: Lecture 2

In the sentence: “I have not gone by the name of ‘Obi-wan Kenobi’ since before you were born.”, how do we know that he has not gone back to using the name? (1)

Question 7

Topic: Lecture 1
Source: Lecture 1

What lexical features might you use to identify the named entities in the following sentences? “Ronald Reagan? The actor? Then who’s Vice-President, Jerry Lewis? I suppose Jane Wyman is the First Lady! And Jack Benny is Secretary of the Treasury!” (At least 2)
(1)

Question 8

Topic: Lecture 4

Source: Lecture 4

We talked about a few other constraints for the ILP solver, such as making sure that "ARG0 must occur before ARG1". How would you implement this as an ILP constraint? (You don't need to write the pulp code - just explain how you would force the constraint.) (2)

Question 9

Topic: Coding

Source: Lecture 2

Write code that uses a list of RDF triples to discover more through bootstrapping. (3)

END OF QUIZ