

START OF QUIZ

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Question 1

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 2

Topic: Lecture 4

Source: Lecture 4

Why do you think that we pass the output of our classifier to an ILP solver instead of just incorporating the constraints into the model? (1)

Question 3

Topic: Lecture 4

Source: Lecture 4

Along with the features described in class for non-neural SRL, suggest 2 other features that we could use. (1)

Question 4

Topic: Lecture 1

Source: Lecture 1

Imagine that we were using the Viterbi algorithm to ensure that our sequence of NER tags is valid. What might the scores in the transition matrix look like? (2)

Question 5

Topic: Lecture 3

Source: Lecture 3

Roles like “Subject / Object” don’t translate very well across some languages (most notably between Nominative-Accusative languages like English, and Ergative-Absolutive languages, like Basque). Do you think that semantic roles are more likely to be consistent? Briefly explain why or why not. (2)

Question 6

Topic: Lecture 1

Source: Lecture 1

Explain one way that NER tagging is similar to POS tagging, and two ways it's different. (1)

Question 7

Topic: Lecture 2

Source: Lecture 2

Consider the following sentences: “James married Joyce in 2010. Their son Ulysses was born in 2013. In 2015, James and Joyce divorced.” Extract all of the RDF triples you can from the sequence. (2)

Question 8

Topic: Lecture 3

Source: Lecture 3

How might theta roles help in the task of anaphora resolution? (1)

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