

START OF QUIZ

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Question 1

Topic: Lecture 4

Source: Lecture 4

What are the assumptions we are making when we are implementing when we are creating a multi-task learner? Why wouldn't we just use the extra labels as input features to a single task learner? Wouldn't that be simpler? (2)

Question 2

Topic: Lecture 1

Source: Lecture 1

Describe the Pollyanna principle, and how it complicates sentiment analysis. (1)

Question 3

Topic: Lecture 3

Source: Lecture 3

Is the following a direct subjective element or an expressive subjective element? [Example given - to study, just be aware of the key differences between the two] (1)

Question 4

Topic: Lecture 2

Source: Lecture 2

Why would it be difficult to establish a SentiWordNet for languages other than English? (1)

Question 5

Topic: Lecture 1

Source: Lecture 1

What is the point of a random walk? (1)

Question 6

Topic: Lecture 2

Source: Lecture 2

Sarcasm and irony are very difficult to detect with sentiment analysis methods. Outside of machine learning methods that consider larger contexts, do you think there is any way of detecting them with purely lexical (ie, word-based) resources? Briefly explain. (2)

Question 7

Topic: Lecture 3

Source: Lecture 3

Outside the examples given in class, provide 3 words that could be positive or negative potential items in different circumstances. Briefly explain. (2)

Question 8

Topic: Lecture 4

Source: Lecture 4

What is the goal of multi-task learning? (1)

Question 9

Topic: Long

Source: Lecture 1

Imagine that we come across a lexicon of words written in a mysterious language, and we are trying to determine their purpose. What are some ways that we could determine that they are a polarity lexicon, and how might we be able to test our hypothesis? Since this is a mysterious language, we don't know anyone (or any tools) that speak it. (3)

END OF QUIZ