START OF QUIZ
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Question 1

Topic: Lecture 2
Source: Lecture 2

In class, we talked about how repeated use of words is not cumulative (ie, using good 5 times is not 5 times as positive as using it once). Briefly explain why this is the case. (1)

Question 2

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 3

Topic: Lecture 1
Source: Lecture 1

Why do we need to update polarity lexicons regularly (probably more regularly than other lexicons)? (1)

Question 4

Topic: Lecture 4
Source: Lecture 4

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

Question 5

Topic: Lecture 1
Source: Lecture 1

Explain the intuition behind a polarity axis. Knowing what you know about vector space, how and why does it work? (2)

Question 6

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 7

Briefly explain why TF-IDF is insufficient for identifying domain-specific targets. (1)

Question 8

We know that most sentiment words are adjectives, and many intensifiers and shifters are adverbs. Given a list of polar words, what tools could we use to discover intensifiers (beyond POS taggers and regexes)? Briefly explain. (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