START OF QUIZ
Student ID:
83261909,Dang,Trang

Question 1

Topic: Lecture 3
Source: Lecture 3

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

Question 2

Topic: Lecture 4
Source: Lecture 4

Can you imagine an ensemble that performs worse than any of its constituent parts? If so, how might we fix the issue? If not, why don't we do ensembling all the time? (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 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 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 2
Source: Lecture 2

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

Question 7

Topic: Lecture 2
Source: Lecture 2

Why is it insufficient to construct a lexicon by counting words in sentiment-labeled corpora? (1)

Question 8

Topic: Lecture 4
Source: Lecture 4

What benefit does a Recursive NN have over a standard RNN that makes it particularly suited to sentiment analysis? (1)

Question 9

Topic: Long
Source: Lecture 4

We discussed running multiple convolutions over a single instance to extract different features, but we didn't discuss running multiple poolings (ie, 1x4, 2x2, 1x6, etc.) over the same convolution. Do you think this could have a positive impact on the model, or would it lead to too noisy of a dataset? Do you think it would provide any different information than just running separate convolutions? Briefly explain. (3)

END OF QUIZ