

START OF QUIZ

Student ID:

54944541,Liu,Daoming

Question 1

Topic: Lecture 7

Source: Lecture 7

Why do the labels not actually matter when performing active learning? (1)

Question 2

Topic: Lecture 7

Source: Lecture 7

Explain how QbC is similar to ensembling, and how it differs. (1)

Question 3

Topic: Lecture 6

Source: Lecture 6

What is the intuition behind annotation projection? What assumptions does it make, and how much do you think they matter? (1)

Question 4

Topic: Lecture 8

Source: Lecture 8

Explain why diversity sampling is important when performing AL? (1)

Question 5

Topic: Lecture 5

Source: Lecture 5

What are the key differences between BERT and BART, and what concept from DSCI 563 does BART imitate? (1)

Question 6

Topic: Lecture 5

Source: Lecture 5

You're working with MT5, and you find it's not doing very well on your target language, even after fine-tuning. What do you do? Would your answer change if the model were mBert, instead? (2)

Question 7

Topic: Lecture 8

Source: Lecture 8

Imagine that we are using QbU, but we notice that the quality of our model is not improving with each iteration (or is even decreasing slightly). Where would you look to find out where things are going wrong? (2)

Question 8

Topic: Lecture 6

Source: Lecture 6

L1 interference is a phenomenon whereby L2 language learners make use of properties of their L1 when speaking an L2. Phonetically, this can present as an accent, but it can also impact syntax. Describe this process as if humans were doing projection. (2)

Question 9

Topic: Long

Source: Lecture 6

Imagine that instead of projecting tags, we project embeddings, instead (that is, we attach a high-resource embedding to a low resource word). What advantages might this have over tag projection, and what difficulties might we still encounter? Would it introduce new difficulties? (3)

END OF QUIZ