START OF QUIZ
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Question 1

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 2

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 3

Topic: Lecture 6
Source: Lecture 6

If you were building your own parallel corpus, what kind of information would you prioritize? What questions would you ask your stakeholders? (1)

Question 4

Topic: Lecture 8
Source: Lecture 8

How does silver data differ from synthetic data? (1)

Question 5

Topic: Lecture 5
Source: Lecture 5

How is the embedding space of MLLMs different from an aligned monolingual space? How is it similar? (1)

Question 6

Topic: Lecture 7
Source: Lecture 7

We discussed active learning with respect to classification, but what about regression tasks? What similarities / differences might make active learning suitable or unsuitable to regression? (2)

Question 7

You've been using AL with multiple annotators. As a sanity check, you have several instances labeled by multiple annotators, but find that the annotations are inconsistent. How can you remedy the problem and select good examples, without knowing the language you are having annotated? (2)

Question 8

Topic: Lecture 8
Source: Lecture 8

Imagine that we have *no* annotated data for a particular task. How might be address this problem with in-context learning and active learning? (2)

Question 9

Imagine you're working on adapting a multilingual LLM for a government that wants it to operate fluently in 10 national languages, including both high- and low-resource languages, and avoid colonial-language bias. Describe a fine-tuning and evaluation pipeline that could help adapt the model fairly across languages. What ethical and linguistic challenges might arise, and how would you mitigate them? How would you include community feedback in the loop? (3)

END OF QUIZ