START OF QUIZ
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Question 1

Topic: Lecture 7
Source: Lecture 7

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

Question 2

Topic: Lecture 6
Source: Lecture 6

From your perspective, what is the biggest advantage and disadvantage of open-source models? (1)

Question 3

Topic: Lecture 7
Source: Lecture 7

Describe situations where margin based selection is more and less appropriate, and why. (1)

Question 4

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 5

Topic: Lecture 8
Source: Lecture 8

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

Question 6

In the lab, you likely saw that a certain part took much longer than others, and produced noisy output. How might you adjust your strategy, speed up the methodology, and what simple tools could you use to decrease noise? (2)

Question 7

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 8

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 9

Topic: Long
Source: Lecture 5

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