

START OF QUIZ

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Question 1

Topic: Lecture 7

Source: Lecture 7

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

Question 2

Topic: Lecture 8

Source: Lecture 8

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

Question 3

Topic: Lecture 7

Source: Lecture 7

Why is entropy a good measure to use when using QbC? (1)

Question 4

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 5

Topic: Lecture 5

Source: Lecture 5

Describe the purpose of a language tag. (1)

Question 6

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 7

Topic: Lecture 8

Source: Lecture 8

Imagine that we have *no* annotated data for a particular task. How might we 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