START OF QUIZ
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Question 1

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 2

Topic: Lecture 8
Source: Lecture 8

Explain the role of clustering when performing self-training? (1)

Question 3

Topic: Lecture 6
Source: Lecture 6

What step of annotation projection do you think would benefit most from a subword model? (1)

Question 4

Topic: Lecture 7
Source: Lecture 7

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

Question 5

Topic: Lecture 8
Source: Lecture 8

How does ICL differ from fine-tuning? (1)

Question 6

Topic: Lecture 5
Source: Lecture 5

Imagine we have a multilingual encoder-model like mBERT, and a multilingual decoder-only model. Do you think we could train the encoder on one set of languages, and then the decoder on a larger set, and better understand the new languages? What kind of adaptations would need to be done? Do you think it would improve zero-shot learning on languages not included in either? (2)

Question 7

Topic: Lecture 7
Source: Lecture 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 6
Source: Lecture 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 9

Topic: Long
Source: Lecture 7

You're deploying an active learning system across 10 languages with varying script complexity and morphology. Describe how you'd design a query strategy that balances language equity, informativeness, and annotation cost. How would you handle script variation, tokenization, and annotator availability? (3)

END OF QUIZ