

START OF QUIZ

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Question 1

Topic: Lecture 1

Source: Lecture 1

Many languages lack a standardized writing system. How does this impact the creation of NLP tools, and how might we approach building CL tools for such languages? (1)

Question 2

Topic: Lecture 2

Source: Lecture 2

Explain the difference between domain and task, and how this difference impacts transfer learning. (1)

Question 3

Topic: Lecture 1

Source: Lecture 1

Describe why “language endangerment” and “language extinction” are contentious term. (1)

Question 4

Topic: Lecture 2

Source: Lecture 2

What is the role of cognates in transfer learning? (1)

Question 5

Topic: Lecture 3

Source: Lecture 3

What potential features of low-resource languages (other than data scarcity) might prevent the successful transfer of information from a HRL? (1)

Question 6

Topic: Lecture 4

Source: Lecture 4

I've said a few times that the syntax dominates the signal (especially for languages with less free word order). Where have we seen this, and what does it mean for semi-supervised tagging? (2)

Question 7

Topic: Lecture 3

Source: Lecture 3

Imagine that we find a database lying around, and it's been very poorly maintained and documented. All we know is that it contains word embeddings for a language written in Arabic script (assume we can't read it, and the only Arabic speakers we know also can't read it - it's in a language they don't know). How might we go about trying to identify the language that it's written in, without finding speakers of all of the Arabic-derived languages? (2)

Question 8

Topic: Lecture 4

Source: Lecture 4

I briefly mentioned the idea of silver data and bootstrapping in class. What do you think are the limits of silver data? Can you think of any ways to counter them? (2)

Question 9

Topic: Long

Source: Lecture 1

Let's talk about sign languages. Many sign languages lack an orthography (ie, they are not written), and while some signers may also speak while signing, this is typically a translation from the signed language into a spoken one. This can make it difficult to build automatic tools for sign languages. If you were tasked with building a tool such as a POS tagger or translation system for sign language, what resources might you need, and how would you go about it? (3)

END OF QUIZ