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5. NLP - Parsing

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Exercises due May 3, 2023 08:59 -03 Completed


NLP - Parsing




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Syntactic Parsing

1/1 point (graded)

Which among the following tasks is harder to perform accurately for current NLP approach that applies from below.

☐ Assigning parts of speech for words in a sentence

☒ Understanding complete syntactic structure of the sentence



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Question Answering

1/1 point (graded)

Which of the following statement(s) is/are true about natural language Question Answering options that apply from below.

☐ Question Answering task is challenging because computer systems today lack the ability to search through a large body of knowledge quickly and efficiently

☒ Question Answering task is easy if the answers for all the questions that can be asked are available in an efficient and fast database

☐ Question Answering task is easy when the answer is not readily available but can be derived through logical reasoning

☒ Question Answering task is hard when the answer is not readily available but requires complex reasoning to connect the dots

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Summarization

1/1 point (graded)

Consider the following example from the Natural Language Summarization task presented in the lecture.

- Billboards use image from 9/11 to encourage GOP votes.
- 9/11 image wrong for ad, say Florida political parties.
- Floridian praises President Bush, says ex-President Clinton failed to stop terrorism.

Human
Generated

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9/11 billboard draws criticism

(CNN) – A Florida man is using billboards with an image of the burning World Trade Center to encourage votes for a Republican presidential candidate, drawing criticism for political exploitation.

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You have used 2 of 2 attempts

Discussion

Topic: Unit 5. Reinforcement Learning (2 weeks) :Lecture 19: Applications: Natural Language Processing / 5. NLP - Parsing

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