

START OF QUIZ

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Question 1

Topic: Lecture 8

Source: Lecture 8

How are dialogue acts similar to function calls? (1)

Question 2

Topic: Lecture 6

Source: Lecture 6

What is the focus of the following question: “Do you know when Jaws was released”? (1)

Question 3

Topic: Lecture 7

Source: Lecture 7

Describe at least one piece of grounding in real life (outside the examples given in class). (1)

Question 4

Topic: Lecture 8

Source: Lecture 8

We waited until the last week of classes to talk about policy-making systems (like the one in ChatGPT), but several other systems you've looked at over the program could be considered to have a policy algorithm in place. Briefly describe one, and how you view it as a decision policy. (2)

Question 5

Topic: Lecture 5

Source: Lecture 5

ChatGPT differs significantly from even other neural Q/A systems. Provide at least 2 significant differences, and briefly describe them. (2)

Question 6

Topic: Lecture 5

Source: Lecture 5

Explain why a good IR tool is necessary to perform Bert-based Q/A. (1)

Question 7

Topic: Lecture 6

Source: Lecture 6

Provide a reasonable logical representation of the question “Who starred in Casablanca?” (1)

Question 8

Topic: Lecture 7

Source: Lecture 7

Imagine that we have a great dialogue Q/A system that can fill slots with ease, and return relevant answers with high probability. However, our ASR system is pretty bad (it does really poorly with accents that are not "General American"). The model was trained on standard English text. Describe a few of the errors you can imagine the system making, and how we can improve the quality of our model (assume we can't improve the ASR). (2)

Question 9

Topic: Coding

Source: Lecture 8

Imagine that I'm working with a client who wants a dialogue system that provides advice for his company. It has to fit on a phone, but might end up in regions with very limited cell service, so it has to be locally installed. We have limited memory (let's say 1Gb). How would we go about building such a tool? What are some questions we should ask the client? How would we provide the required functionality? Is it even possible? (3)

END OF QUIZ