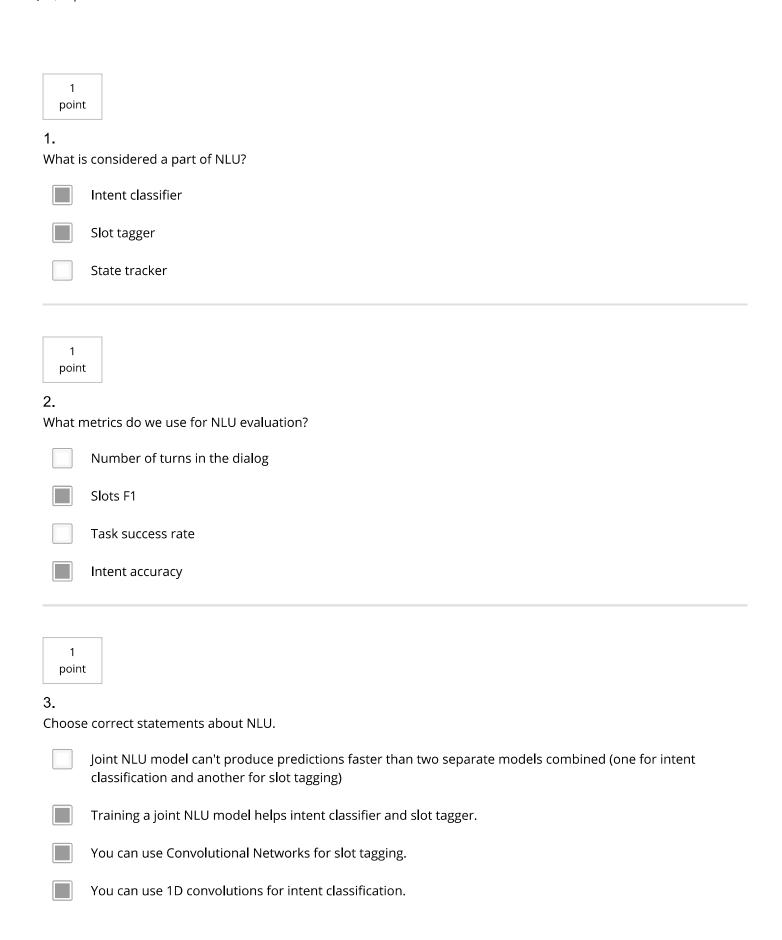
## Task-oriented dialog systems

Quiz, 8 questions

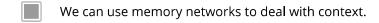


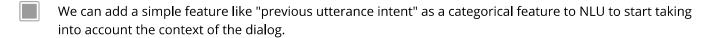
## Task-oriented dialog systems

Quiz, 8 questions point

4.

Choose correct statements about dialog context.





We need dialog context in single-turn dialogs.

1 point

5.

Let me remind you the BIOES lexicon encoding algorithm:

• Let's match every n-gram of input text against entries in our lexicon

Take me to San Francisco

• A match is successful when the n-gram matches the prefix or postfix of an entry and is at least half the length of the entry

"San" → "San Antonio"

Matches: "San" → "San Francisco"

"San Francisco" → "San Francisco"

- When there are multiple overlapping matches:
  - Prefer exact matches over partial
  - Prefer longer matches over shorter
  - Prefer earlier matches in the sentence over later

We will use **BIOES** coding (Begin, Inside, Outside, End, Single)

 $^{\bullet}$  B – if token matches the beginning of some entity  $^{\top}$  Task-oriented dialog systems Quiz, 8 quest B, I-if two tokens match as prefix • I, E - if two tokens match as postfix • S - if matched single token entity Suppose you have a **lexicon** of 3 places: · Los Angeles San Francisco San Francisco Airport Let's encode the text "Los Francisco Airport". What encoding will we have? BEE BIE BBE 1 point What is considered a part of a dialog state in DSTC 2 challenge? The intent of previous utterance Goals Method Requested slots

1 point

7.

How Frames dataset was collected?

## Task-oriented dialogisystems

1	
ooint	
oose	e correct statements about dialog policy.
	We can't learn a dialog manager end-to-end.
	This is a mapping from a dialog state to a system action.
	We need some kind of NLG (at least with hand-crafted rules) to convert a system policy to a human readable utterance.
	<b>Jiadai Zhao</b> , understand that submitting work that isn't my own may result in permanent failure of this course or activation of my Coursera account.
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	Submit Quiz