

## Machine Learning with Python-From Linear Models to Deep Learning

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# 7. NLP - Symbolic vs Statistical Approaches

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

## **NLP - Symbolic vs Statistical Approaches**

► 0:00 / 0:00 ► 1.0

#### Video

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## Symbolic Approach

1/1 point (graded)

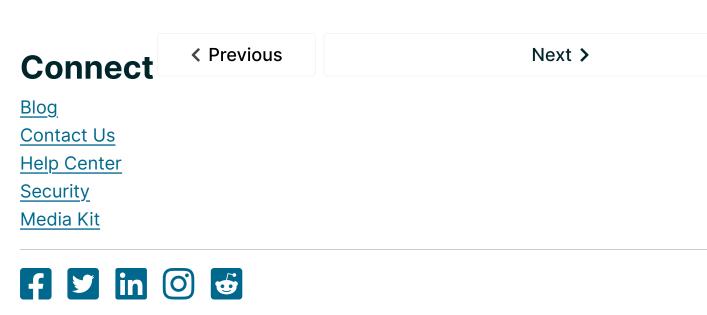
Let us say that Alice and Bob are interested in building an NLP based system that can I a medical patient in order to offer an accurate medical diagnosis for his/her symptoms.

It works by the NLP agent first asking the patient a series of questions about his/her methen suggesting a possible diagnosis that best fits his/her symptoms.

decides that the best way to solve this problem would be by first automatically interesting from a large training corpus of medical symptoms and their corresponding decides.

ed by decides that it is best to take a different approach and encodes all the required information an elaborate knowledge representation which he then uses to make new prediction

Which of the following is true regarding their approaches. Choose from the options below the second the control of the following is true regarding their approaches.







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