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Improving Hypothesis Testing - Quiz

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Question 1

0/1 point (graded)

Suppose you want to measure how Twitter sentiment predict upcoming political protests, pre-processing the data with machine learning would:

- a. Analyze the effects of protests on political instability
- b. Learn from sentiment in tweets and a dataset of protests, on the probability of protests. ✖
- c. Perform sentiment analysis on tweets
- d. Web crawl Twitter to gather data

Explanation

The pre-processing of data with machine learning, in this case, involves being able to extract the features that you want from data, or in other words, getting sentiment from tweets. The processing of data as described by Prof. Mullainathan would be actually performing the learning in the economically meaningful units you want to analyze, in this case number or intensity of protests. For

measuring the effects of protests on political instability, machine learning would not have that much to say. Web crawling is the gathering of data and although this could be pre-processing, web crawling itself does not include machine learning.

Submit You have used 2 of 2 attempts

✖ Incorrect (0/1 point)

Discussion
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