

MITx: 14.310x Data Analysis for Social Scientists

Heli



Bookmarks

- Module 1: The Basics of R and Introduction to the Course
- Entrance Survey
- Module 2: Fundamentals of Probability, Random Variables, Distributions, and Joint Distributions
- Module 3: Gathering and Collecting Data, Ethics, and Kernel Density Estimates
- Module 4: Joint,
 Marginal, and
 Conditional
 Distributions &
 Functions of Random
 Variable

Module 11: Intro to Machine Learning and Data Visualization > Machine Learning I > Overview and Examples of Machine Learning - Quiz

Overview and Examples of Machine Learning - Quiz

☐ Bookmark this page

Question 1

1/1 point (graded)

The applications of machine learning that were directly mentioned in this lecture include (Select all that apply):

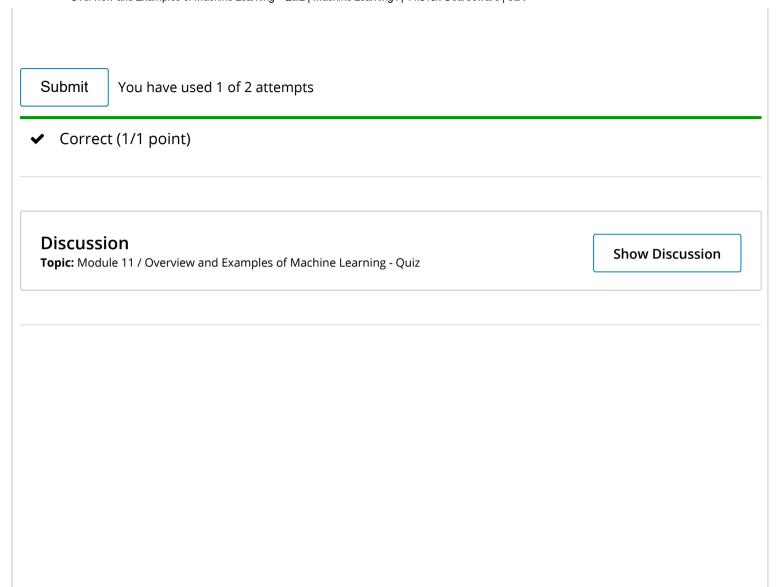
- a. Image Classification
- b. Visual Recognition
- c. Causal inference measurements
- d. Speech Interpretation



Explanation

Professor Mullainathan mentions the applications of machine learning to the development of Siri and its speech interpretation capabilities, the visual recognition of noses and images, and the classification of images. He does not detail its role in causal inference measurements, however this will be discussed later in this lecture, as well as in Lecture 22: Machine Learning II.

- Module 5: Moments of a Random Variable,
 Applications to Auctions,
 Intro to Regression
- Module 6: Special
 <u>Distributions, the</u>
 <u>Sample Mean, the</u>
 <u>Central Limit Theorem,</u>
 and Estimation
- Module 7: Assessing and Deriving Estimators -Confidence Intervals, and Hypothesis Testing
- Module 8: Causality,
 Analyzing Randomized
 Experiments, &
 Nonparametric
 Regression
- Module 9: Single and Multivariate Linear Models
- Module 10: Practical Issues in Running



Regressions, and Omitted Variable Bias

▼ Module 11: Intro to
 Machine Learning and
 Data Visualization

Machine Learning I

due Dec 12, 2016 05:00 IST

Machine Learning II

due Dec 12, 2016 05:00 IST

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Visualizing Data

due Dec 12, 2016 05:00 IST

Module 12:
 Endogeneity,
 Instrumental Variables,
 and Experimental
 Design

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