

MITx: 14.310x Data Analysis for Social Scientists

Help



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 &

Module 11: Intro to Machine Learning and Data Visualization > Visualizing Data > Goals of Data Visualization - Quiz

Goals of Data Visualization - Quiz

 \square Bookmark this page

Question 1

1/1 point (graded)

Which of the following is not an example of data visualization according to Robert Kosara's definition? (Select all that apply)

- a. Summary statistics tables
- b. Histograms
- c. Scatter plots
- d. Satellite images



Explanation

Recall Robert Kosara's definition of data visualization:

- Based on (non-visual) data. (This rules out D)
- Produces an image. (This rules out A)

<u>Functions of Random</u> Variable

- 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

• The results must be readable and recognizable.

Submit

You have used 1 of 2 attempts

✓ Correct (1/1 point)

Question 2

0/1 point (graded)

True or False: Since your visualizations tell the story of your data, visualization should be accompanied with a relevant explanation, and should never be shown alone.

a. True X

b. False

Explanation

Ideally your visualizations should be self-explanatory, such that they are easily interpretable and clearly represent the story of your data that you wish to convey to the reader. This is important, since often times when someone reads a paper, they may only look at the graph or table presented, and not necessarily the accompanying text.

Models

- Module 10: Practical Issues in Running Regressions, and Omitted Variable Bias
- Module 11: Intro to
 Machine Learning and
 Data Visualization

Machine Learning I

Finger Exercises due Dec 12, 2016
05:00 IST

Machine Learning II

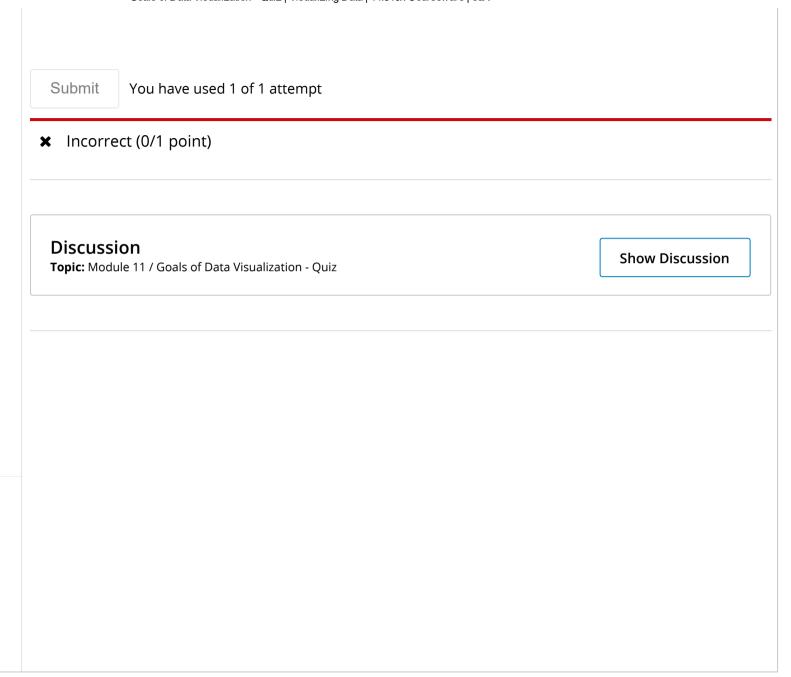
Finger Exercises due Dec 12, 2016 05:00 IST

Visualizing Data

Finger Exercises due Dec 12, 2016 05:00 IST

- Module 12:

 Endogeneity,
 Instrumental Variables,
 and Experimental
 Design
- Exit Survey





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