



## Microsoft: DAT203x Data Science and Machine Learning Essentials

- ▶ Before You Start
- ▶ Module 1: Introduction and Data Science Theory

- ▶ Module 2: Working with Data

- ▼ Module 3: Visualization, and Building and Evaluating Models

Chapter 13: Data Exploration and Visualization

Lab 3A: Exploring and Visualizing Data

Chapter 14: Building Models in Azure ML

Lab 3B: Building Models in Azure ML

Chapter 15: Model Evaluation, Comparison, and Selection

Lab 3C: Evaluating Models in Azure ML

Module 3 Review  
Homework due Oct 30, 2015 at 00:00 UTC

- ▶ Module 4: Regression,

## QUESTION 11 (1 point possible)

You create an experiment to train, score, and evaluate a regression model. You must ensure that the training, testing, and evaluation of the mode is unbiased, with no inter-dependency on the data.

What should you do?

☐ Train, score, and evaluate the model with the same data.

☒ Split the data into two non-overlapping subsets. Then train the model with the first subset, and score and evaluate the model with the second subset. **✗**

☐ Split the data into two non-overlapping subsets, and train the model with the first subset. Then join the first and second subsets and use the joined dataset to score and evaluate the model.

☐ Split the data into three non-overlapping subsets. Then train the model with the first subset, score the model with the second subset, and evaluate the model with the third subset.

*You have used 1 of 1 submissions*

Classification,  
and  
Unsupervised  
Learning

- ▶ Module 5:  
Recommenders  
and Publishing  
Your Work
- ▶ Final Exam

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