- 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,


# LAB 3B: FEATURE ENGINEERING AND MODELING

In this lab, you will learn how to use R or Python to engineer or construct new features and build a machine learning model.

1. If you have not already done so, download the Setup Guide and follow the instructions to sign up for an Azure Machine Learning subscription, and install and configure the required software. You will also need to download and extract the lab files for this lab.
2. After you have created an Azure ML subscription, follow the instructions in the Lab 3B document to complete the lab.

***Note**: The setup guide, lab files, and lab documents for this course are available in the **Handouts** section of the Course Info page.*

Classification, and Unsupervised Learning

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

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