

**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,

LAB 3A: EXPLORING AND VISUALIZING DATA

In this lab, you will use R or Python to create data visualizations, and use them to explore data.

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 3A](#) 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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