



## Microsoft: DAT203x Data Science and Machine Learning Essentials

### ► Before You Start

### ▼ Module 1: Introduction and Data Science Theory

#### Chapter 1: Introduction to Data Science

#### Chapter 2: The Data Science Process

#### Chapter 3: Introduction to Machine Learning

#### Chapter 4: Regression

#### Chapter 5: Classification

#### Chapter 6: Clustering

#### Chapter 7: Recommendation

#### Chapter 8: Introduction to Data Science Technologies

#### Lab 1: Getting Started with Azure ML

#### Module 1 Review Homework due Oct 30, 2015 at 00:00 UTC

## LAB 1: GETTING STARTED WITH AZURE MACHINE LEARNING

In this lab, you will use Azure ML to explore data. The lab is designed to help you become familiar with Azure ML Studio and the process of creating and running an experiment.

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 set up the lab environment, follow the instructions in the [Lab 1](#) 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.

### ► Module 2: Working with Data

### ► Module 3: Visualization,

and Building  
and Evaluating  
Models

- ▶ Module 4:  
Regression,  
Classification,  
and  
Unsupervised  
Learning
- ▶ Module 5:  
Recommenders  
and Publishing  
Your Work
- ▶ Final Exam

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