


**Microsoft: DAT203x Data Science and Machine Learning Essentials**

► Before You Start

► Module 1: Introduction and Data Science Theory

▼ Module 2: Working with Data

Chapter 9: Data Acquisition and Flow

Lab 2A: Data Acquisition in Azure ML

Chapter 10: R and Python for Data Science

**Lab 2B: Using R and Python in Azure ML**

Chapter 11: Data Sampling and Quantization

Lab 2C: Data Quantization in Azure ML

Chapter 12: Data Cleansing and Transformation

Lab 2D: Data Cleansing and Transformation in Azure ML

**Module 2 Review**

Homework due Oct 30, 2015 at 00:00 UTC

► Module 3: Visualization,

## LAB 2B: USING R AND PYTHON IN AZURE MACHINE LEARNING

In this lab, you will extend an Azure ML experiment by writing custom R or Python code.

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 2B](#) 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.

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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