

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
- Module 4:
 Regression,
 Classification,
 and
 Unsupervised
 Learning

Chapter 16: Regression Modeling

Lab 4A: Working with Regression Models

Chapter 17: Classification Modeling

Lab 4B: Working with Classification Models

Chapter 18: Unsupervised Learning Models

Lab 4C: Working with Unsupervised Learning Models

OVERVIEW OF CLASSIFICATION MODELING

Classification models predict a categorical label value based on a function that applies coefficients to a set of feature values. The simplest classification models predict True or False (1 or 0), but you can also create multi-class classification models that are used to classify entities into a set of defined classes.

This chapter explores the process used to create classification models, metrics for evaluating them, and techniques for refining and improving them.

Module 4 Review

Homework due Oct 30. 2015 at 00:00 UTC

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

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