

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

REGRESSION MODELING OVERVIEW

Regression models predict a numeric value for a label based on a function that applies coefficients to a set of known feature values. Regression is a form of supervised learning, so the function and coefficients are determined by training a regression algorithm with a training dataset, and evaluating it against a testing data set, in which the label values are known.

This chapter explores ways in which you can refine, improve, and validate a regression model.

Module 4 Review Homework due Oct 30, 2015 at 00:00 UTC

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

© All Rights Reserved



© edX Inc. All rights reserved except where noted. EdX, Open edX and the edX and Open EdX logos are registered trademarks or trademarks of edX Inc.

















