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,

QUESTION 12 (1 point possible)

When assessing the residuals of a regression model you observe the following:

- Residuals exhibit a persistent structure and are not randomly distributed with respect to values of the label or the features.
- The Q-Q normal plots of the residuals show significant curvature and the presence of outliers.

Given these results, which two of the following things should you try to improve the model?

- [ ] Cross validate the model to ensure that it will generalize properly.
- [x] Try a different class of regression model that might better fit the problem should be tried.
- [ ] Create some engineered features with behaviors more closely tracking the values of the label.
- [x] Add a **Sweep Parameters** module with the **Metric for measuring performance for classification** property set to *Accuracy*.

✖

Note: Make sure you select all of the correct options—there may be more than one!

You have used 1 of 1 submissions

Classification, and Unsupervised Learning

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

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