

HW #4

DUE MONDAY, DECEMBER 8, 11:59 PM (ONLINE SUBMISSION VIA GRADESCOPE)

- (1) Problem 3.6 LFD
- (2) Exercise 7.8 LFD (Not Problem 7.8. Please see e-chapter on NN)
- (3) Exercise 8.6 (Not Problem 8.6. Please see e-chapter on SVM)
- (4) Problem 8.2 LFD (Please see e-chapter on SVM)
- (5) Problem 8.13 LFD (Please see e-chapter on SVM)
- (6) This is an end-to-end project from the Hands on Machine Learning book, second edition. In Chapter 2, the relevant code is provided to implement an end-to-end housing price model. Please implement the complete project using the provided code in the book. You are required to provide
 - (a) Output of each step till the code provided on page 79.
 - (b) Summarize the machine learning pipeline (steps adopted) using a flow chart.
 - (c) Comment on the potential inadequacies of the suggested pipeline, if any.
 - (d) If you would like to suggest changes, please provide an updated machine learning pipeline flowchart.