CMPE 257 Machine Learning Fall 2018

Homework 03

Due: 23:59pm on November 4, 2018

Please submit your homework on Canvas in PDF format. For Problems 3 and 4, also submit the '.ipynb' file.

LFD stands for 'Learning From Data', the textbook.

1. (10pts) Problem 8.2 in LFD
2. (10pts) Problem 8.4 in LFD
3. (40pts) Problem 8.5 in LFD (a) (b) (c) (d)
4. (40pts) Problem 8.13 in LFD (a) (b) (c), and

   (d) Use SVM to find the classifier, and compare the results with (a) and (c).

No late homework is accepted. Discussions are allowed, copying is not!