

CMPE 257 Machine Learning Fall 2018

Homework 01

Due: 23:59pm on September 23, 2018

Please submit your homework on Canvas in PDF format. For Problems 7 and 8, also submit the '.ipynb' file.

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

1. Study and Install jupyter notebook
2. (10pts) Exercise 1.3 in LFD
3. (10pts) Exercise 1.6 in LFD
4. (10pts) Exercise 1.8 in LFD
5. (10pts) Exercise 1.9 in LFD
6. (10pts) Problem 1.2 in LFD
7. (20pts) Problem 1.4 (a – e) in LFD
Use 'LFD Problem 1_4.ipynb' to generate the data set.
8. (20pts) Problem 1.5 in LFD
9. (10pts) Problem 1.11 in LFD

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