

Buğra Sipahioğlu

December 2, 2019

Mehmet Gönen, ENGR 421

Homework 05: Decision Tree Regression

The homework was highly similar to the decision tree implementation in the laboratory session.

Only difference is that in the homework I did regression instead of classification. Therefore, I've mutated the laboratory code with respect to scoring function and the other extra requirement:

Pre-pruning. My RMSE value is exactly the same as in the homework description. Since I had an accident, I could not debug my code. Thus, I could not draw my fitting for $P = 25$. Other than this, all parts are almost identical with the description and my code fully works.