

CS4361/5361 Machine Learning

Fall 2020

Decision and Regression Trees

Exercise 2

The program *regression_tree* shows how use the *sklearn* implementation of a regression tree to process the particle dataset. It also shows an analysis of the performance of the model with respect to changes in one parameter (the tree's maximum depth).

Your task for this exercise is to use the code provided as a guide to evaluate the influence of other parameters in the model's performance.

Submit by the deadline your code and a 1-2 page report describing your experiments and results.