

CS4361/5361 Machine Learning

Fall 2020

Decision Trees

Exercise 1

The program *decision_tree* shows how use the *sklearn* implementation of a decision tree to perform classification with the *MNIST* dataset. Your task for this exercise is to obtain better results, either in terms of time or accuracy by modifying the model's parameters (see the online documentation).

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