

Deadline: week 18-22.03 (on tutorials)

Perceptron

Implement perceptron algorithm. Program works on any data which attributes are numerical except of decision attribute.

Program should be tested on data from perceptron/example1 and perceptron/iris folder separately. Program should ask user about learning rate.

As a result: Compute accuracy and precision($\text{true positive} / (\text{true positive} + \text{false negative})$) on a test file

Provide user interface to manually input any test example for classification and get the answer which class it may belong to.