

Assignment-04

In this assignment, two types of datasets are given:

1. Linearly separable data
2. Non-linearly separable data

For both of the datasets, perform classification using:

1. Perceptron
2. Multi-layer perceptron
3. SVM

You can use inbuilt functions for SVM only. Take the train-test ratio as 70-30. Also find out the confusion matrix and compare the performance of each classifier.

Also plot the decision boundaries in each case.