

Assignment 1

NAME – Aadit Agarwal

Roll No – 2018IMT 001

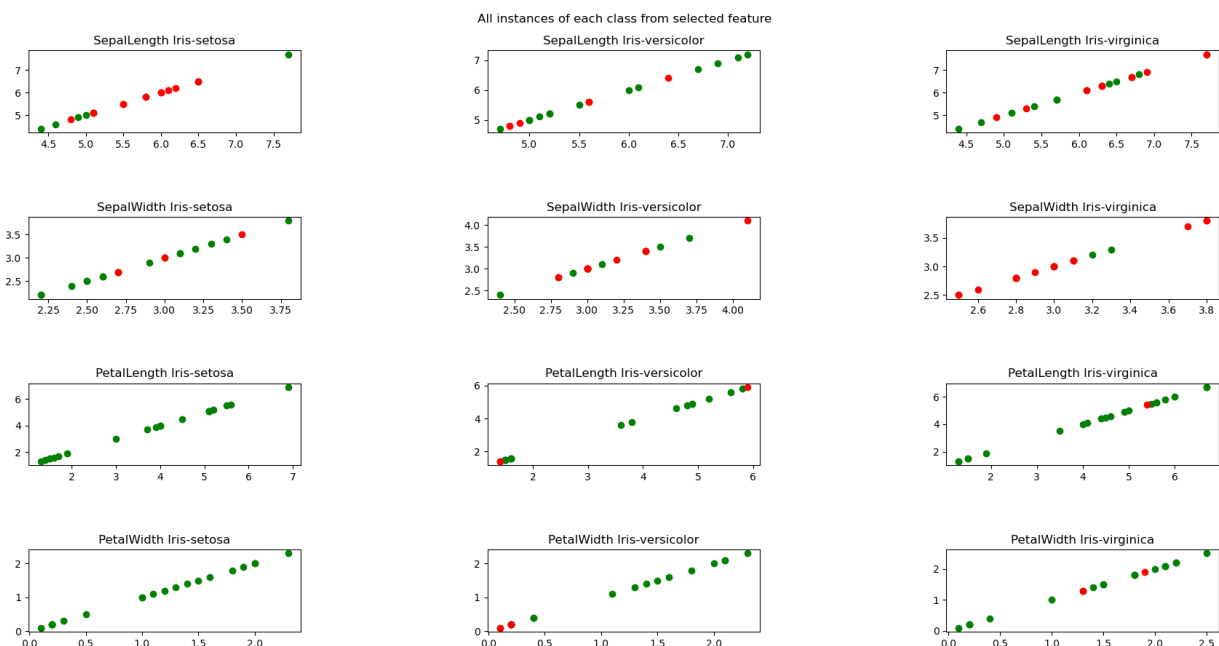
Course – Data Mining Lab

Objective

Given iris dataset (<https://archive.ics.uci.edu/ml/datasets/iris>) with 3 classes and 4 features such as sepals/petals, Length, width etc. for each flower in the dataset. There are 50 instances per class in the dataset. Use Bayes Classifier as your base classifier model. Use 60% samples for training and 40% samples for testing.

Aim

1. Perform feature selection on this dataset using forward search.
2. As you select features, until 2 features, plot your right and incorrect classification instances for all classes.



All instances of each class from selected 2 feature

