

Deen Dayal Upadhyaya College
B.Sc(H) Computer Science V1 Sem
Paper : Machine Learning Practical

Date : 29th May 2020
Time Duration: 4 hours

Q 1. Compare the performance of Naïve Bayes Classifier and Neural Network (SLP/MLP) on breast cancer dataset. Load the dataset from sklearn.datasets. Comparison should be done in terms of accuracy (Training/Testing). Print Confusion matrix for each classifier. Also draw ROC curve for each classifier. You can use the inbuilt functions from sklearn. (15)

Q 2. Apply linear regression model on given dataset(50_startup.csv). Print the value of co-efficients, training error and testing error. Use inbuilt functions from sklearn. (10)