**CS 459 – Introduction to Machine learning**

**Assignment No. 04**

**Due on 14th June 2023**

Choose a data set related to binary classification problem having more than 30 features.

Consider 70% for training and 30% for testing purposes.

Apply Logistic regression, Neural Network, Decision Trees, Random Forest and Naïve Bays with and without applying PCA.

Compare your results using Precision and recall. Analyze your results in your report.