1. Linear Regression Analysis: Curve Fitting, Generalization, and Model Evaluation.

2. Study and Implement Multiple Linear Regression

3. Implement Logistic Regression using any dataset.

4. Study and Implement Decision Tree.

5. Implement Naïve Bayes Classifier on data set of your choice. Test and Compare for Accuracy and Precision.

6. Implement K Nearest Neighbour (KNN) classification

7. Implement Support Vector Machine algorithm.

8. K-Means Clustering for Classification Prediction

9. Unsupervised Learning: Implement K-Means Clustering and Hierarchical clustering on proper data set of your choice. Compare their Convergence

10. Study and Implement Bagging/Boosting using Random Forests.