

## **Term Project 3**

### **Topics:**

1. Logistic Regression and Adaptive Boosting Classification
2. Naïve Bayes Classification and Random Forest Classification
3. Decision Tree Regression and Adaptive Boosting Regression
4. K Nearest Neighbor Classification and Decision Tree Classification
5. Linear Regression and Random Forest Regression

### **Implementation Instructions:**

1. Scikit-Learn Python library can be used
2. Comparison between two approaches has to be done
3. Visualization should be done for comparison of approaches
4. Data should be scaled if deemed necessary
5. K-fold cross validation must be used
6. At least four performance metric score have to be used

### **Instructions for reporting:**

1. Strictly formatted
2. Clearly defined input
3. Major steps of processing
4. Accurate output