Parts of the Code: Luca, Sam, Richard

1. Loading the Data
2. Applying Preprocessing:
   * RSME
3. Cross-Validation: Splitting the Data
4. Using the Data for:
   * Lasso Regression
   * Logistic Regression
   * MLP Classifier
   * decision Tree
   * Gauss Classifier
   * K-NN
   * Naïve Bayes
   * Random Forest
   * Support Vector Machine
5. Tuning
6. Saving results
7. Submitting results
8. Slides
9. Slides final

1 Achievement:

The biggest Achievement for this project was the application of preprocessing to Data using RFECV and K-Fold to select certain features in order to improve our score. I also used RSME (Root mean squared Division) to help select proper parameters for the type of regression/classifier used.

1 Difficulty:

The biggest difficulty I encountered was figuring out how to apply feature selection to the data. Initially, I had not thought of applying feature selection to the data, but after taking the Data mining class, I figured that there would be dirty features mixed in to this data set too that would result in data getting misclassified.