## **Assignment 2 Brief Report**

## Jake Carroll

- Train/Val/Test Percentage: 70/20/10
- Selected Model: I used a KNN Model to represent this dataset
- Hyperparameter Tuning was used using a grid search and cross validation
  - The range of values used was [3, 5, 7, 9]
    - Weights were set to ['uniform', 'distance']
  - $\circ$  The best model was at k = 5
- Performance of best model: 63.2%
- I completed this project alone