

Abelian Group

Zekai Zhao and David Zheng: Classification and Validation along with the initial regression. Through several methods including: feature selection, and helped implement the initial regression (Ridge Regression) where we later helped refined our program after our initial score to eventually redesign our model and to use Gradient Boosting Classifier and Gradient Boosting Regressor. Helped lead to the eventual testing and implementation(both the initial and the final model) of the algorithms themselves.

Jiayue Yao and Alan Zhang: Regression portion along with data deduction in understanding the data set. Helped with including the understanding the data and helped with feature selection, and the final regression algorithm of the Gradient Boosting Regression. Helped dictate the testing the algorithms that were initially used (i.e lasso and ridge) along with helping in understanding the Gradient Boosting Classifier and Gradient Boosting Regressor as a whole.

Team: Zekai Zhao, David Zheng, Jiayue Yao, and Alan Zhang: As a whole, we all contributed in debugging, and implementation of parts of the algorithms (whether it be our initial model or our final model).