The Classification of Phone Prices - Master Notebook is our final report. The first section is the Executive Summary that gives an overview of our project, goals, methods, finding and contribution. This is followed by the rest of our report and the links to section notebooks.

Other Notebooks:

Data Preprocessing (Dina) -DataPre-Processing.ipynb

PCA (Cassandra) - PrincipalComponentAnalysis.ipynb

kMeans Clustering (Daniel) - ClusterProject.ipynb

KNN (Cassandra) - KNearestNeighbors.ipynb

Decision Tree (Daniel) - decisiontree.ipynb

Naive Bayes and SVM (Dina) - NaiveBayesandSVM.ipynb

Data:

Training Data - train\_data\_z.csv

Training Classes - train\_target.csv

Testing Data - test\_data\_z.csv

Testing Classes - test\_target.csv

PCA 1 Component Train - train\_pca1.csv

PCA 1 Component Test - test\_pca1.csv

PCA 2 Component Train - train\_pca1.csv

PCA 2 Component Test - test\_pca2.csv

Video Link:

<https://www.youtube.com/watch?v=ayu7egpMqWQ>