**LAURA**

**PHIL**

**TIM**

**ALL**

**Introduction - ½ Page**

* Intro
* Objective
* Techniques used and models explored
* Expected Outcomes

**Data Used - ½ Page**

* # of Observations
* # of Variables
* Target Variable
* Continuous vs. Categorical

**Exploratory Data Analysis - 3-5 Pages**

* Missing data
* Outliers
* Normality
* Transformations
* Histograms, qq-plots, etc.

**Models - 4 -6 pages**

* Linear Discriminate Analysis
* Logistic Regression
* K-Nearest Neighbor
* Least Squares Regression
* Best Subset with K-Crossfold
* RIDGE
* LASSO

**Analysis of Models and Final Selection – 1 Page**

* Mean Prediction Error
* Prediction on DAMT responses

**Conclusion – ½ Page**