Predict 411, Unit 2
Homework Grade Sheet

Brent Young

Section/Comments:		**Points Allocated:**
Data Exploration (40 Points):	Good	40
Data Preparation (40 Points):	Good	40
Build Models (40 Points):	Good	40
Select Models (40 Points):	Good	40
Data Step (40 Points):	Good	40
Scored File (50 Points):		46

One of the top five models in the class, great work!

A max of 0.96, minimum of 0.003, and an average of 0.27 showed a good distribution for the probability of a claim. The linear regression model for the claim amount was good (it should have been ~1500 and it was - good). Your model was within 3% of my best model based on my recipe of metrics.

You did a lot of things well, including data exploration and preparation (data wrangling), including handling of missing values, outliers, imputations, correlations, transformations. Also the approach of trying to isolate variables/relationships to learn more about the data. Evaluating with different performance measures was a useful.

Note, I only give the top one or two models in a class a 50/50 score, and then scale from there (and yes, I'm splitting hairs, but it makes it somewhat competitive and entertaining for the students at the top of the class).

Bonus: *(please note bonus on cover page)*	25
General Deductions:	N/A
(See general notes below.)	

Total (250 Points):   **271/250**

General Notes:
Note, I have had a student in the past (who worked in the insurance industry) mention that his or her company takes into account 100's of variables for auto insurance quotes.