
Home Improvements to Consider For Maximizing Home Value

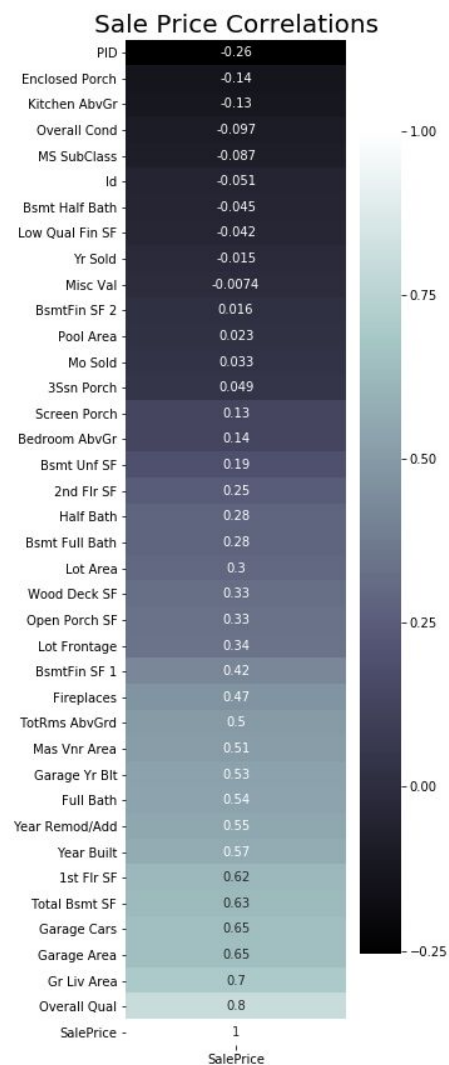
In Beautiful Ames, Iowa!



Data Can be Useful!

Realizing correlations can help us determine what homebuyers value when purchasing a new home.

What are the best home improvements you can make to improve your house value prior to selling?



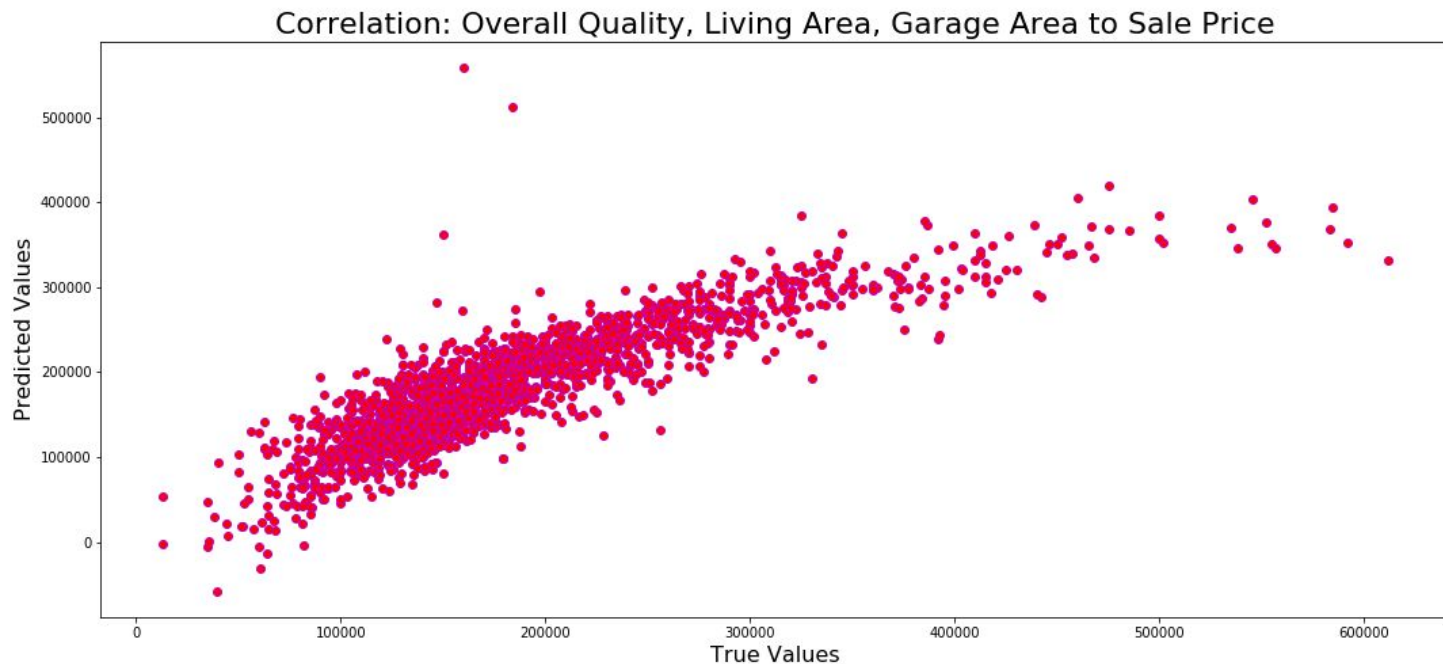
Correlations!

Unscaled

Top 3 variables

Train: .75

Test: .77



Correlations!

Scaled

Top 3 variables

Train: .74

Test: .8



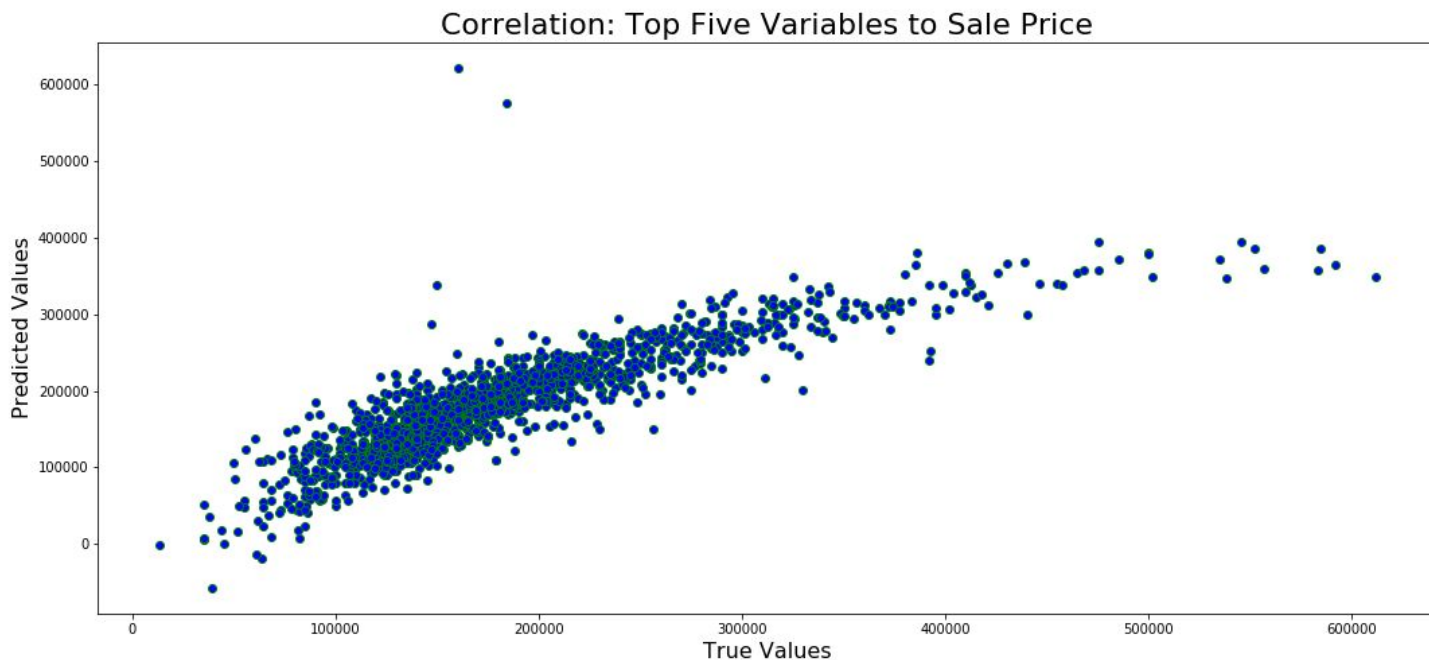
Correlations!

Scaled

Top 5 variables

Train: .76

Test: .82



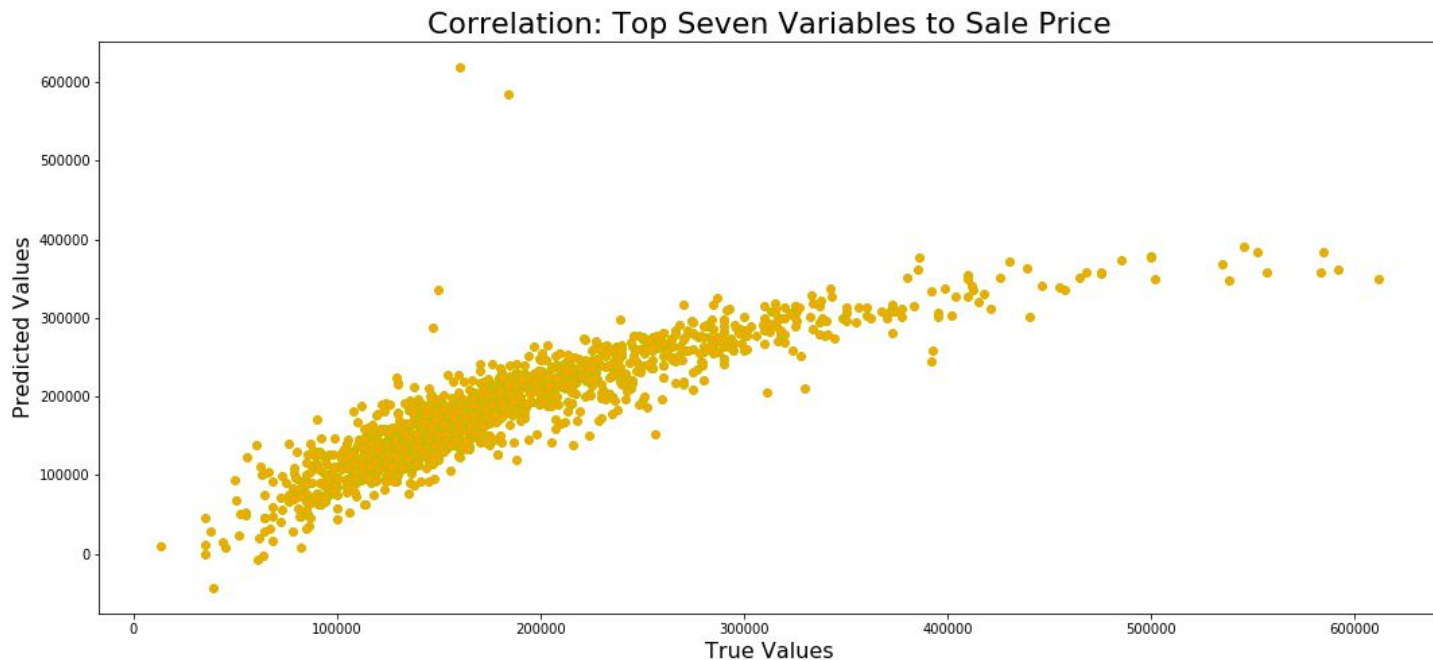
Correlations!

Scaled

Top 7 variables

Train: .76

Test: .82



Ridge and LASSO Transformations

Three variables: train: .75 / test: .78

Five variables: train: .76 / test: .82

Seven variables: train: .77 / test: .83

Scaling and transforming the data resulted in scores that were very similar

What do these correlations mean?

Most Important: Overall Quality of the House

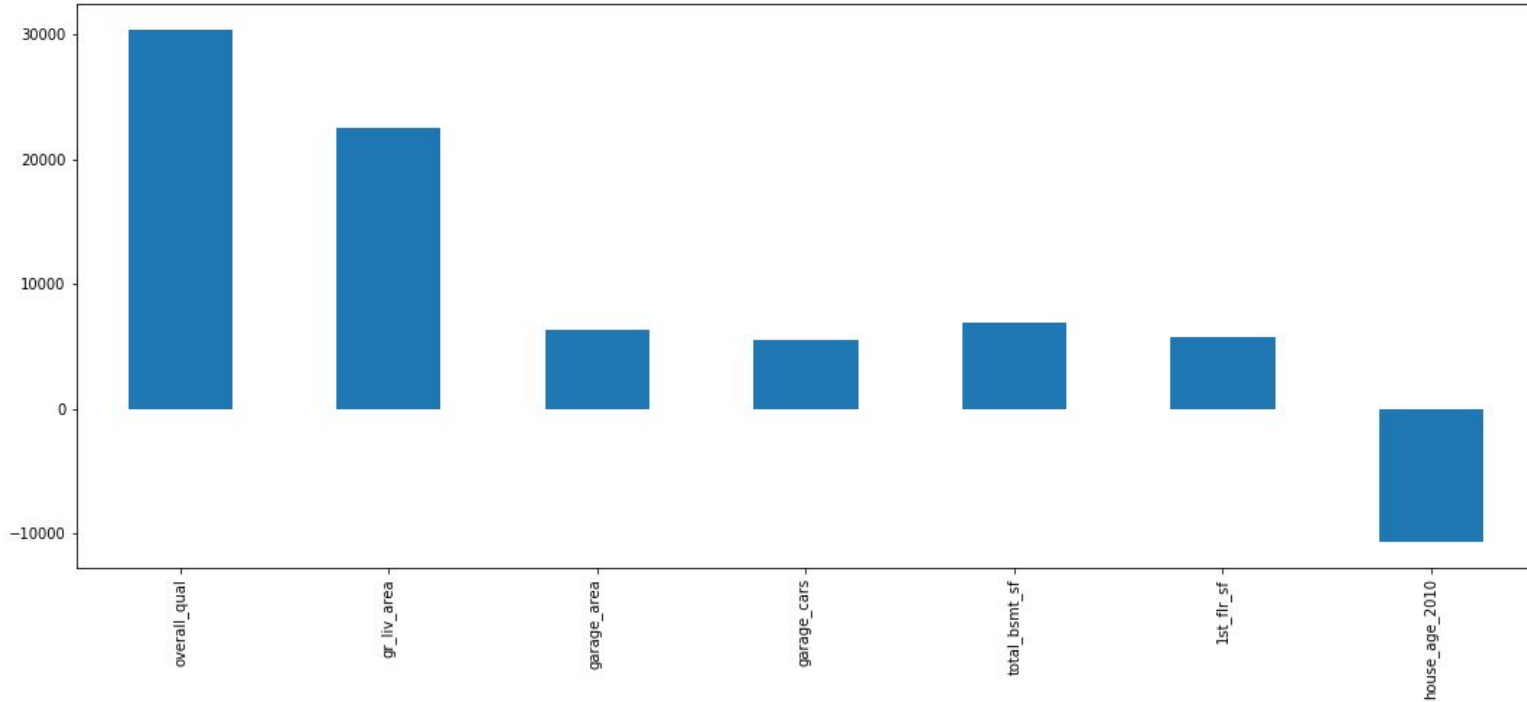
Above Ground Living Area

Garage Area, Cars

Total Basement SF

First Floor SF

What You Can do to Maximize House Value



What You Can do to Maximize House Value

Improve quality!

Potentially kitchen, doors, windows, etc.

Open up the living area on the first floor

Use good fixtures throughout