

An aerial photograph of a suburban neighborhood. The image shows several houses with brown and tan roofs, some with swimming pools in their backyards. A street with parked cars runs through the middle of the neighborhood. The houses are surrounded by green trees and lawns.

Flippin Facts

Predicting House Prices with Data

Performance Metrics

Adjusted R-Squared

- Scoring Range
- R-Squared vs Adjusted R-Squared
- What it Means

RMSE

- Scoring Range
- Advantage over Adjusted R-squared.
- What it Means

Cleaning Methods

Nulls

- Ordinals
- Nominals
- Numerics

Feature Combination

- SF
- Baths
- Bedrooms

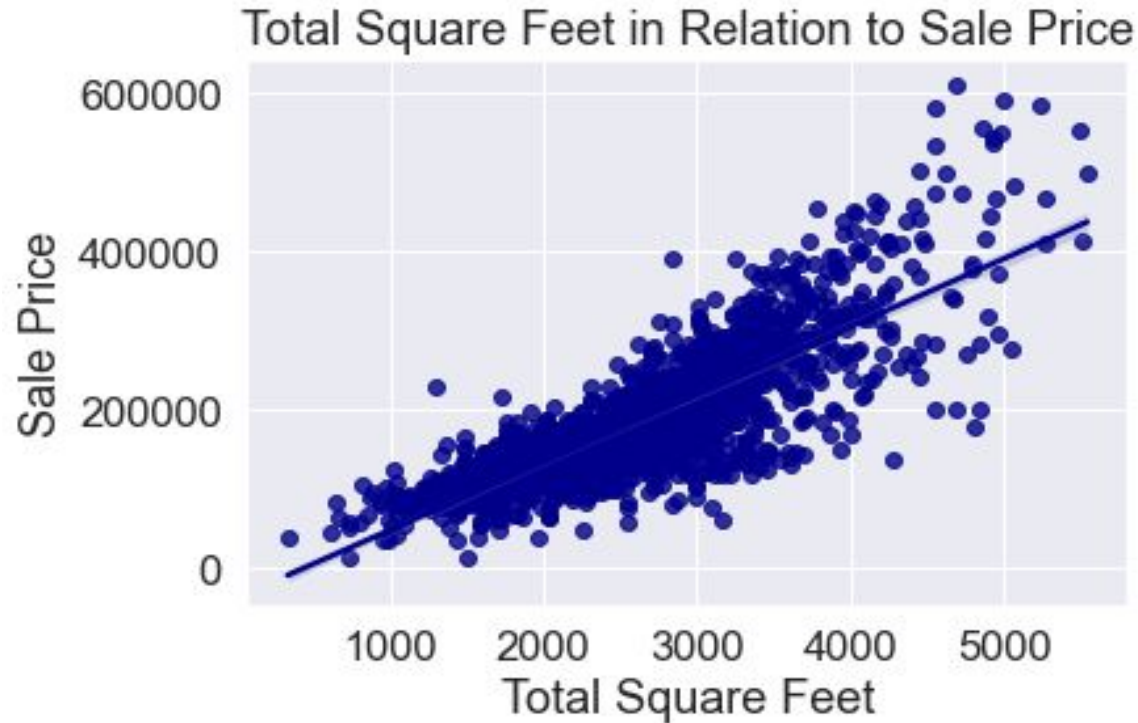
Outliers

Feature Elimination

Binarization

Modeling Methods

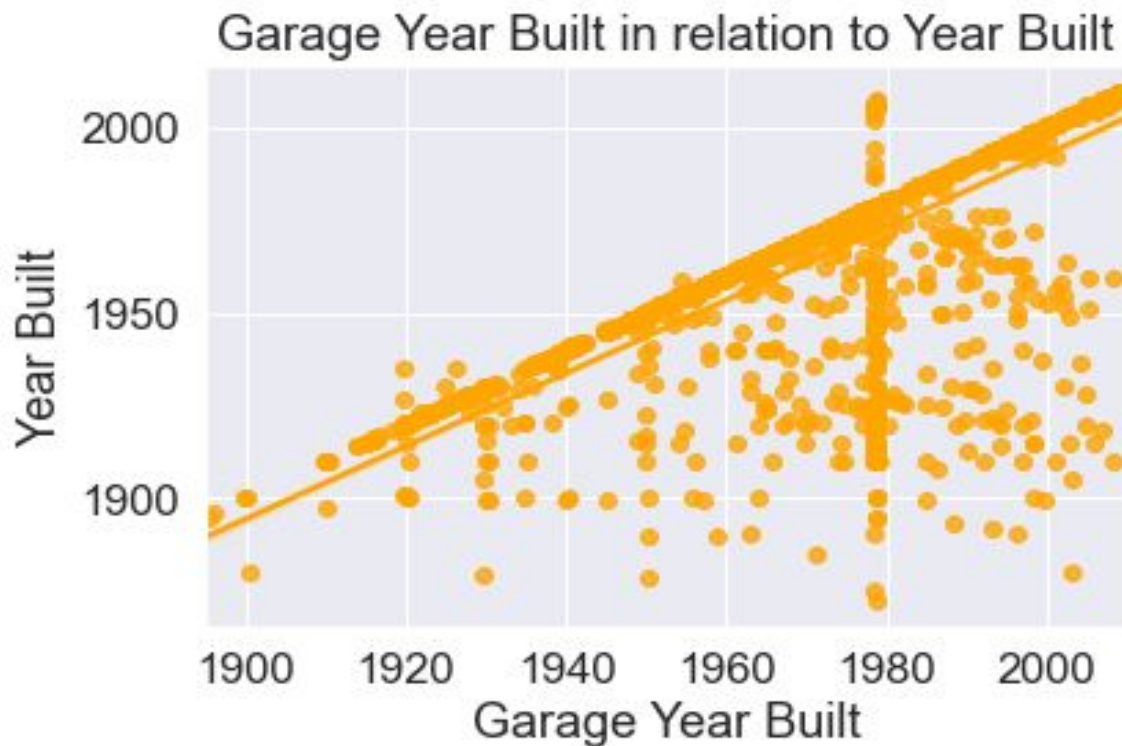
LINEAR REGRESSION



- Simplest

Modeling Methods

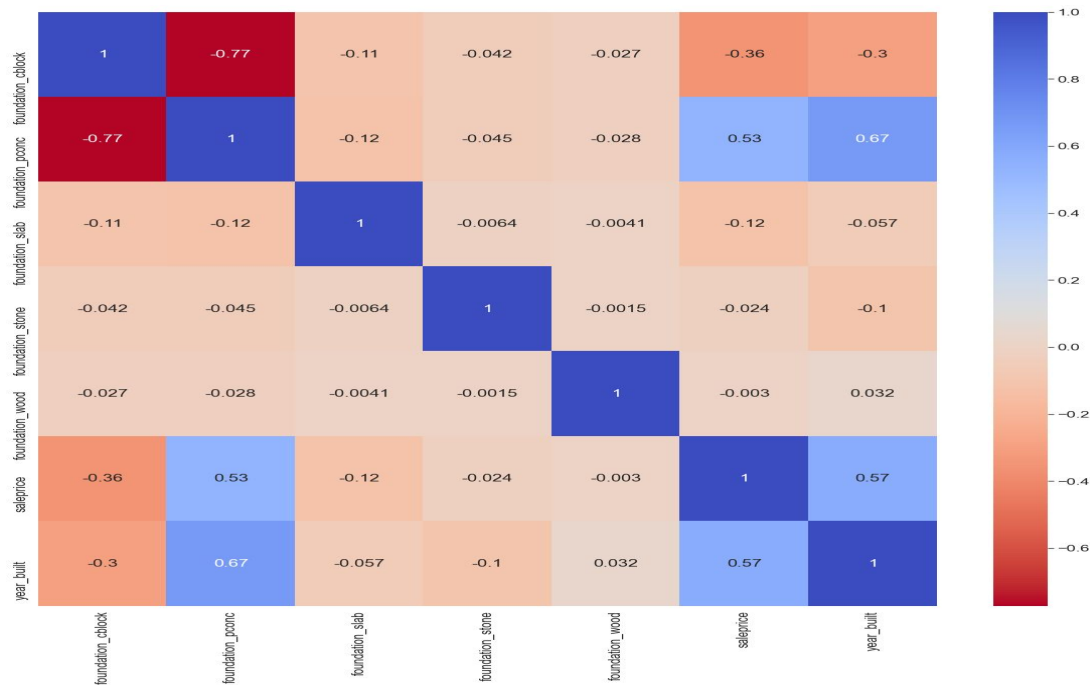
RIDGE REGRESSION



Modeling Methods

LASSO REGRESSION

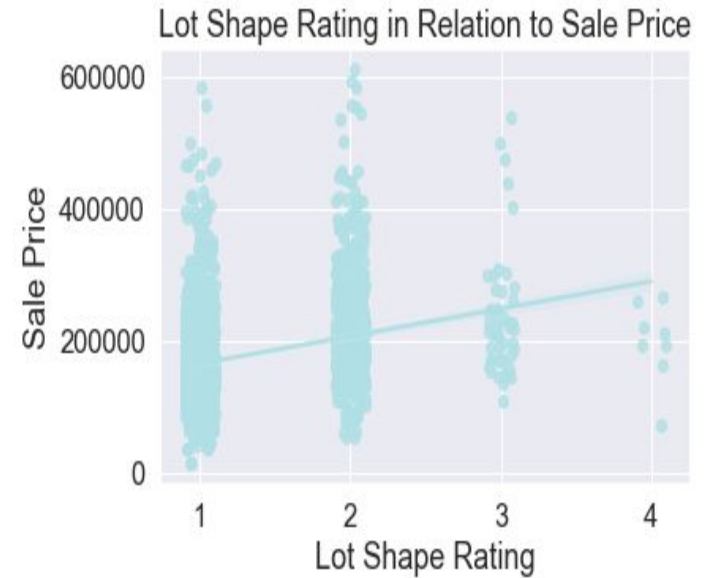
Foundation, Year and Sale Price



- Minimizes complexity
- Minimizes prediction error

Interesting Findings

Confirmed Assumptions And Surprises



Where To Go From Here

**Assumptions and
Disclaimers**

**What I Would Look Further
Into**