Real Estate in King County

An exploration of housing features and how they affect home value

By Micah Shackelford

Summary

Goal: Become more data driven in our listing prices

Question: Which features attribute the best towards housing price

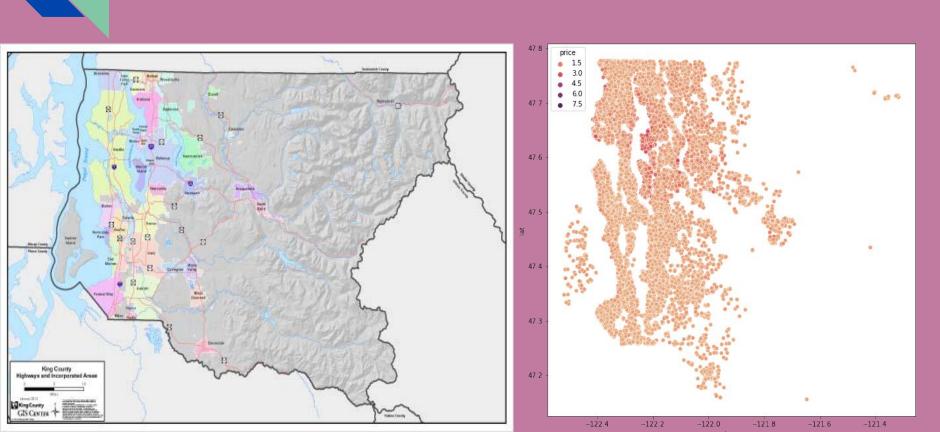
- Data comes from King County House Sale
- Data includes price and a large range of features including number of bedrooms, number of bathrooms, square footage, zipcode, grade of the house, condition, etc.

Process

- 1. Obtain Data
- 2. Clean Data
- 3. Data Exploration
- 4. Build Model
- 5. Interpret Results

Location

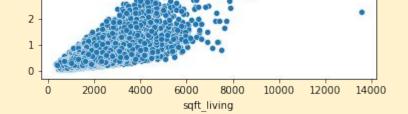
Waterfront houses averaged 322.61% higher in price versus Non-Waterfront Houses

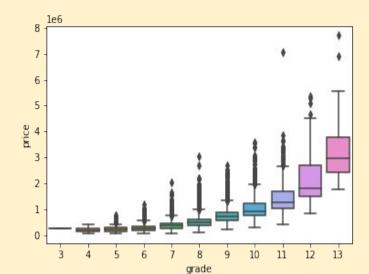


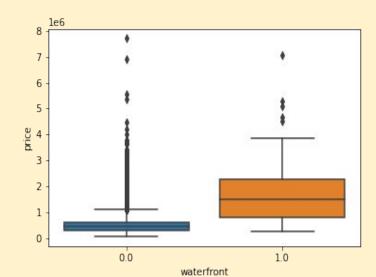
The Model

Number of Features	25
Score	.678*
Important Features	Waterfront, Square Footage, Grade

*67.8% of the variation in price is explained by the features







Future Analysis

- Explore renovations to see how well they improve housing price
- Further improve our model and update our data
- Take a closer look at the condition feature

Thank You!

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Github: https://github.com/shackemn