King County Housing Data

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Project Narratives

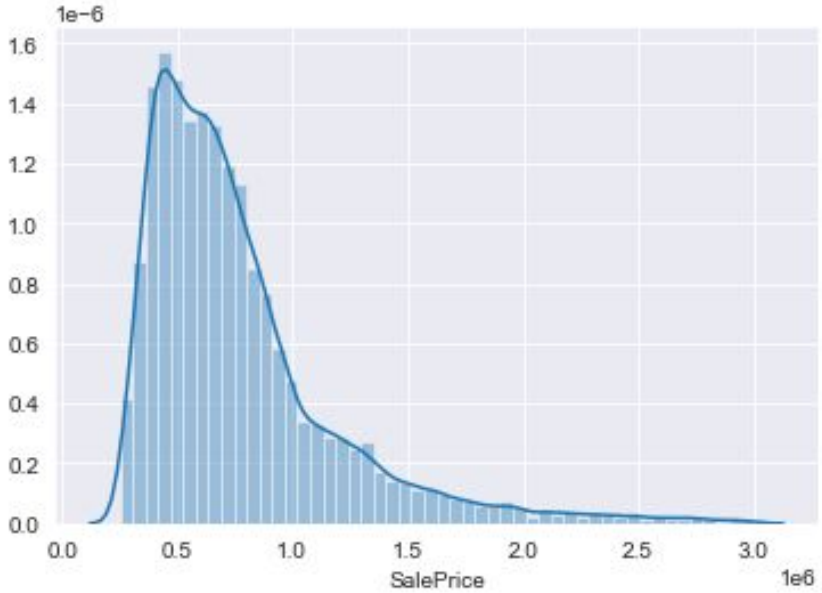
What is our goal?

- Homeowners increase the value of their home.
- Sellers predict the value of their home.

How we defined our data set.

- 2019 King County housing data
- Houses from 250K to 3M

Distribution of Home Sale Prices

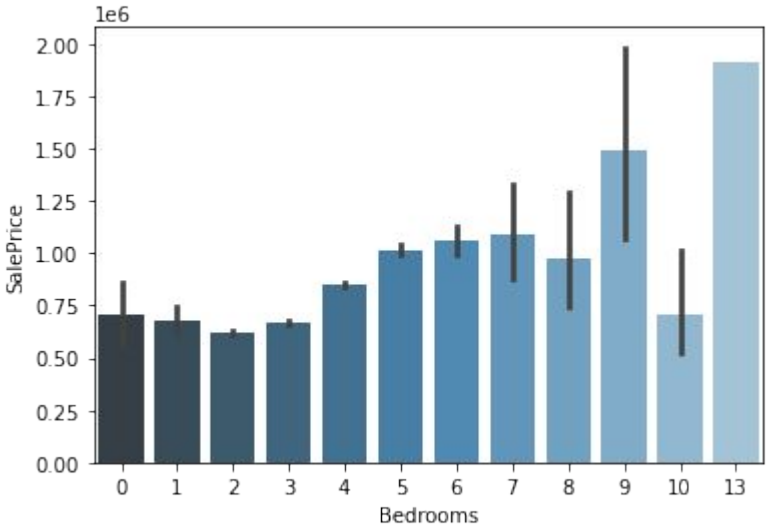


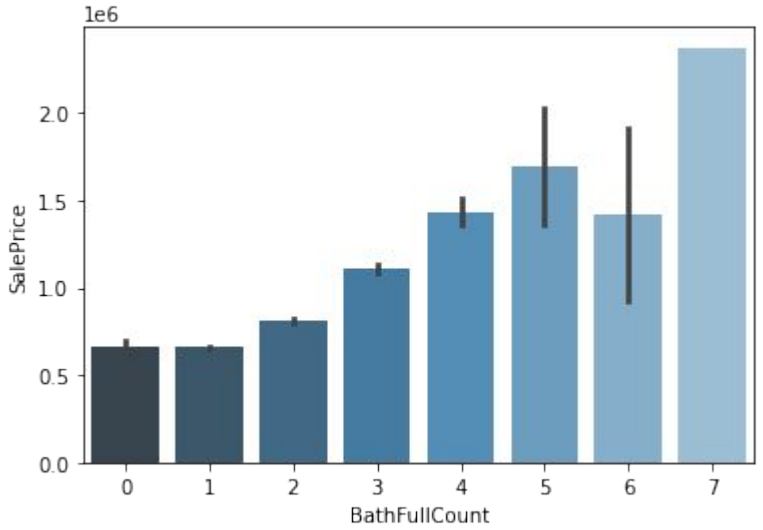
- The medium value for Single Family homes in King County Washington is about $768K.
- Our model R-Squared: 0.631

Feature Selection

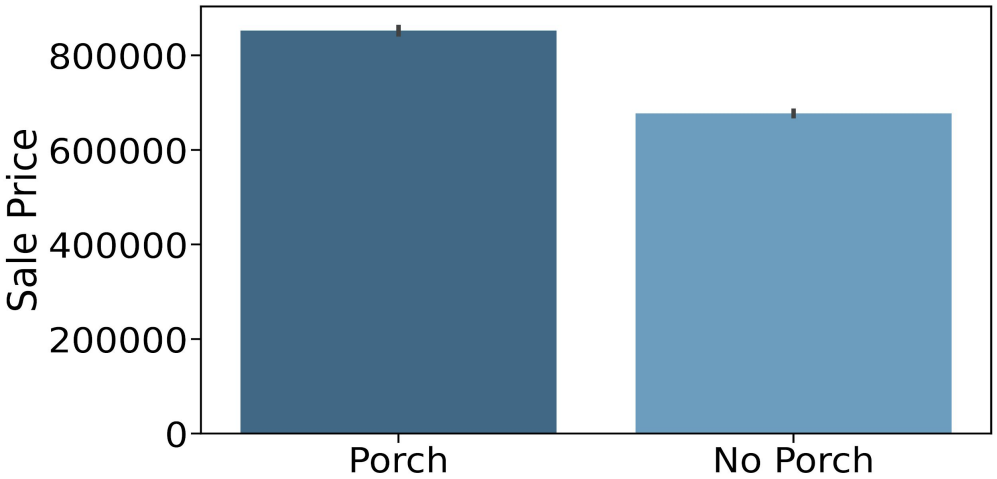
- Our model was designed to help Home Sellers focus on which features to hone in on to increase home value.
- Our model also seeks to aid Home Sellers gauge the value of their homes so they can sell their properties at accurate market rates.
- These features consist of structural attributes and location.

Bedrooms & Bathrooms vs Sale Price



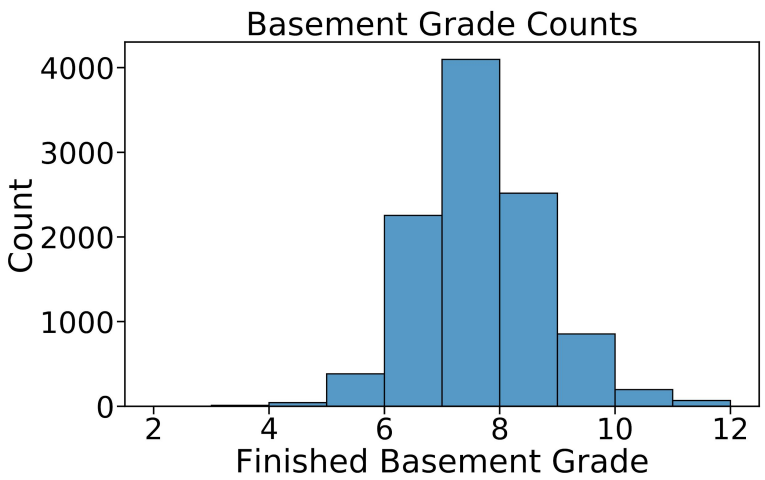


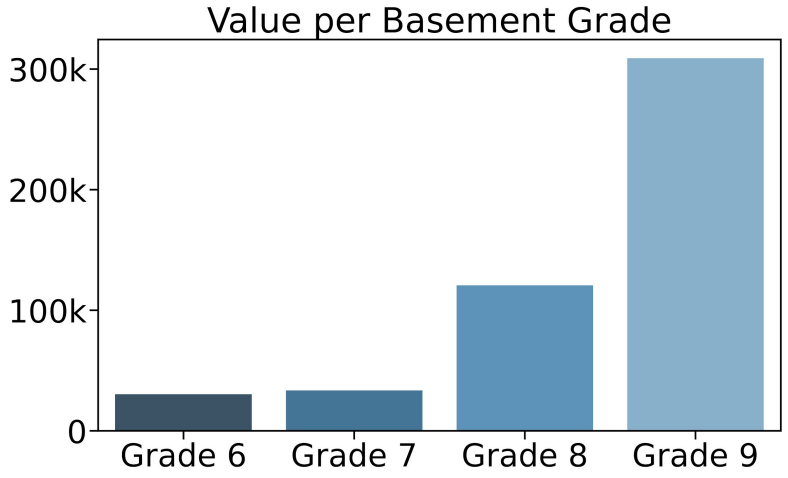
Porch vs Sale Price



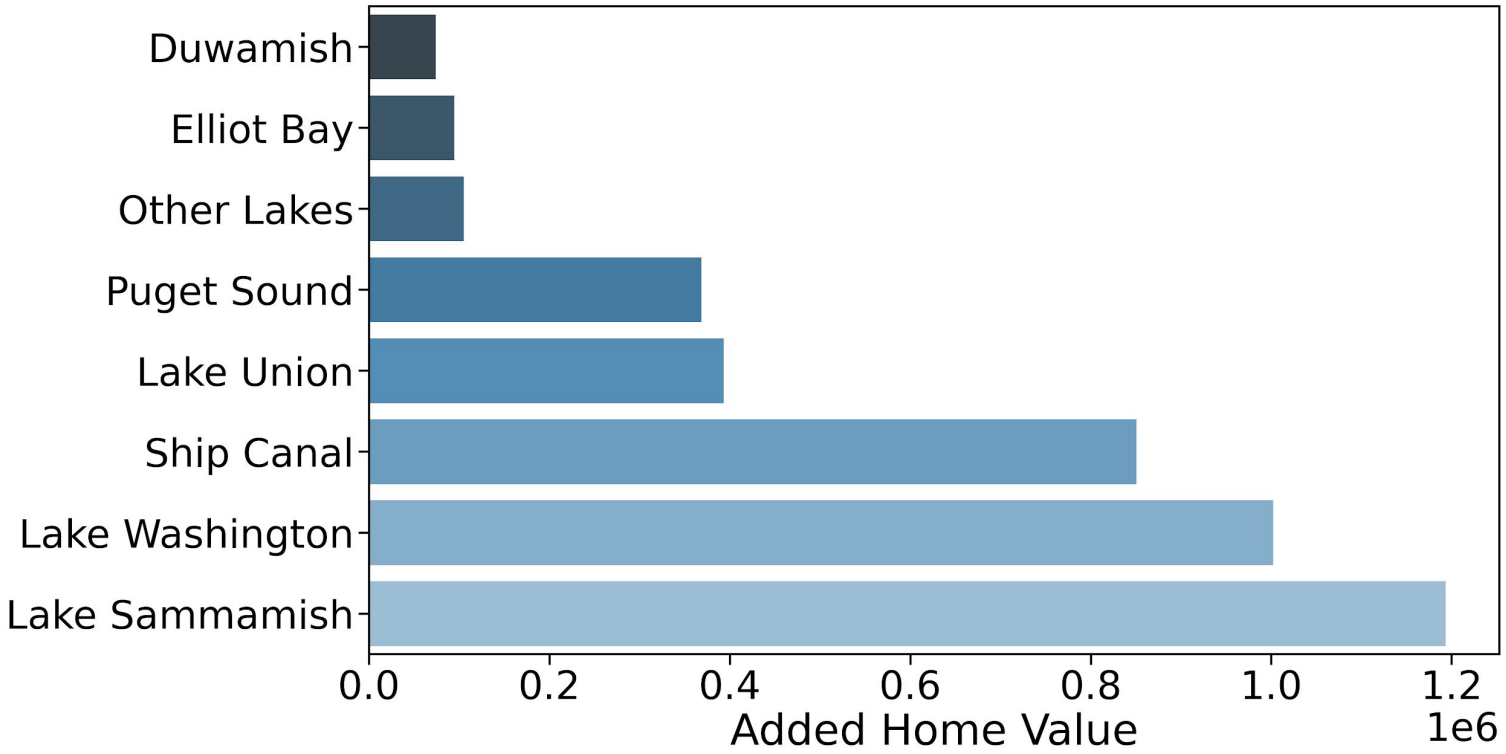
- Homes with Porches tend to increase the home sale value about $133/ Per Sq. Ft

Basement Grade





Waterfront Location added Value



Our Conclusions

After our data exploration, we have concluded that the following features have the greatest effect on home sale prices in King County,

Square Footage of Home	$280 per 1 Square Foot
Square Footage of Porch	$133 per 1 Square Foot
Basement	$30,000 to $300,000

Contacts

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GitHub: https://github.com/JJHick95