King County House Valuation

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Housing

- Various Factors contribute to a home's evaluation

- Home appraisers can give an estimate of a house's value

- Historical data, let's see what can contribute to what a home's value is

Methods

- Python: Programming Language
- SQL: Language, Large data handler
- Pandas: Package
- Scipy.Stats: Package

- We used statistical regression methods to evaluate historical data to determine the factors that contribute to higher evaluation of homes.
- We strived to verify positive correlation between values and and the target data, Sales Price.

Findings

- The Living space in square feet accounted for 42% of the home's evaluation price

- We found that this value had a strong statistical relationship with housing prices.

- For every increase of 1 square foot, we found that the housing price would increase by $246.36.

Next Steps…

- Remove the outliers from data.
- Categorize the data by groups (zip codes, # stories, decade)

Thanks!

Does anyone have any questions?

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