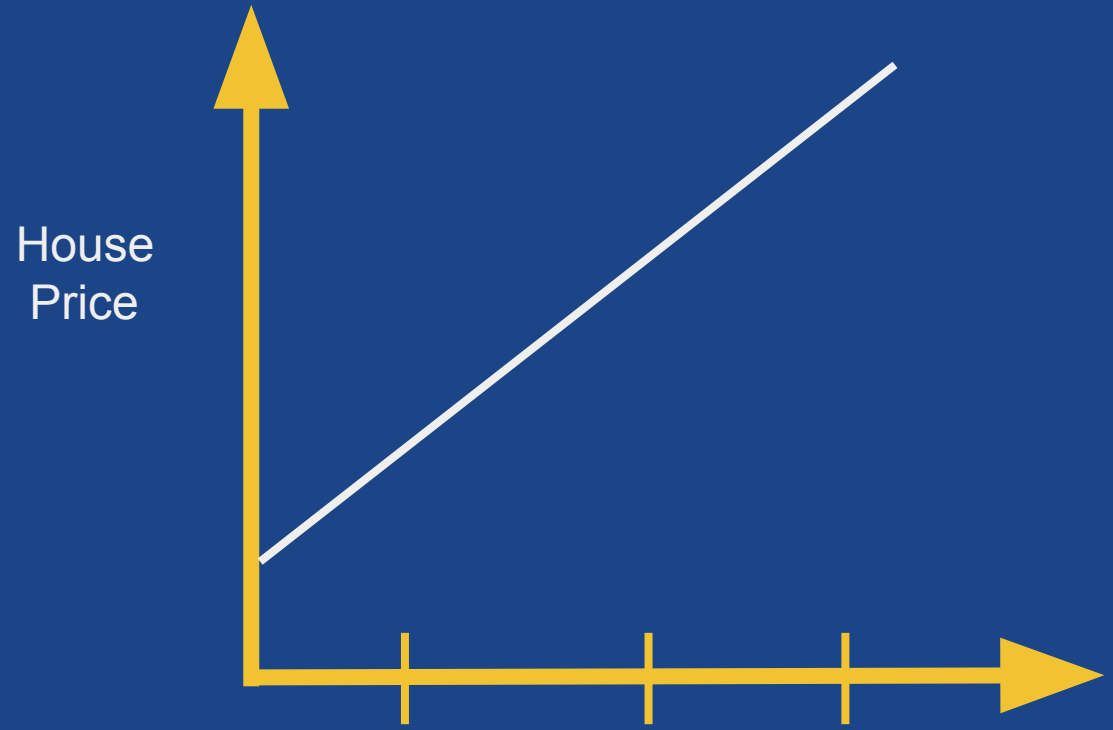
Predicting Home Values in King County

Using Data Analysis

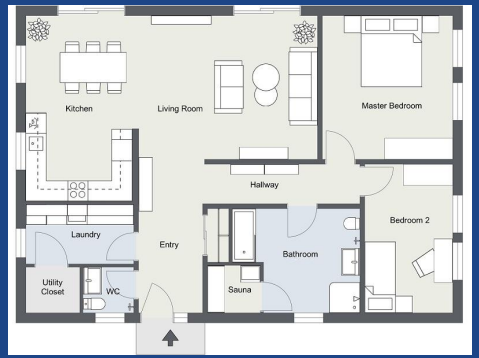
By Emily J. Cain

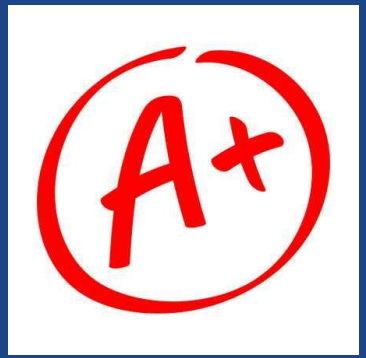
Through investigation, I found the most important characteristics.

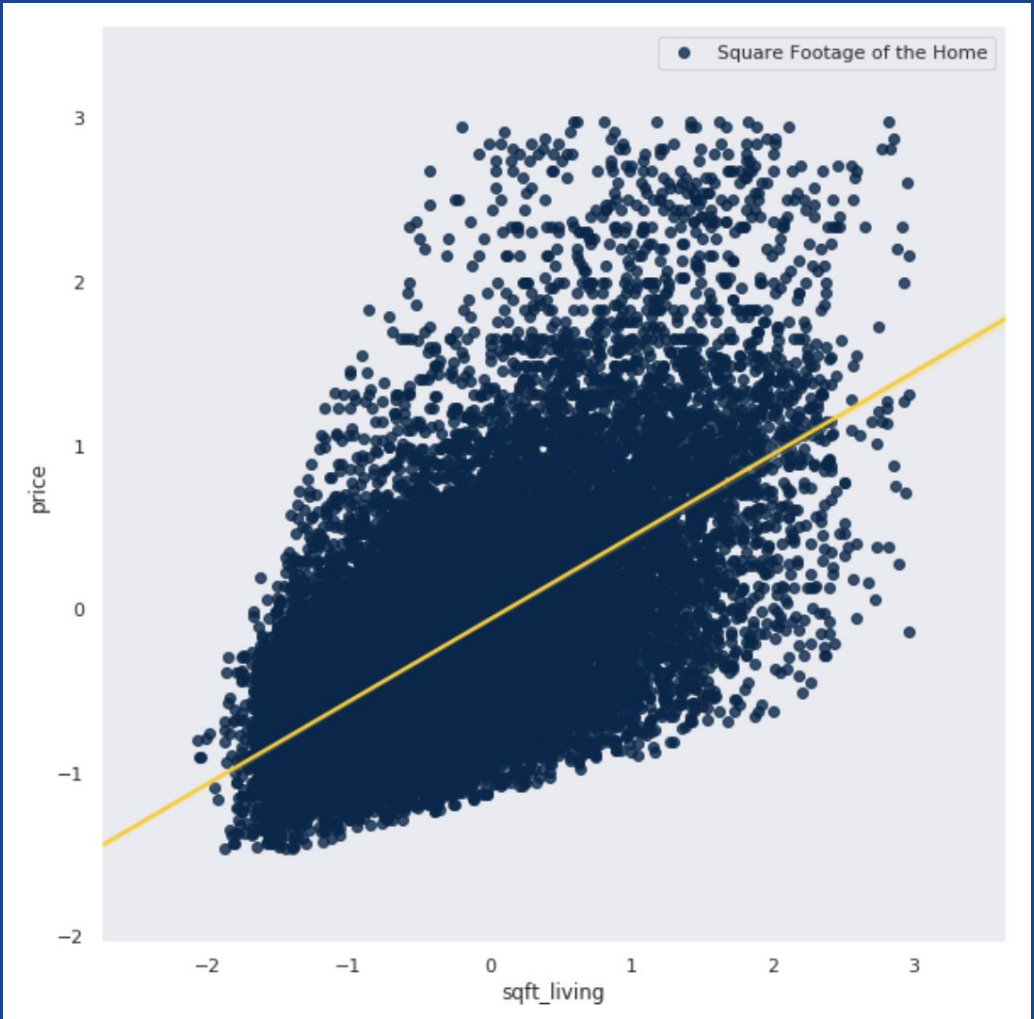

House Price
Some variable (No. of Bedrooms, for example)

Top Three Statistically Significant Variables

- Square Footage of the Home
- Grade (assigned by King County)
- Latitude






Square Footage of the Home
price
sqft_living
3
2
1
0
−1
−2
−2
−1
0
1
2
3

In general, a higher-priced home in King County will. . .

- Have more square footage
- Have a higher King County grade (1-13)
- Be farther north in King County (higher latitude)
- Have more bathrooms

Renovations that can increase the home's value:

- Add to the square footage
- Include bathroom(s)

Thank you for your time

Any Questions?