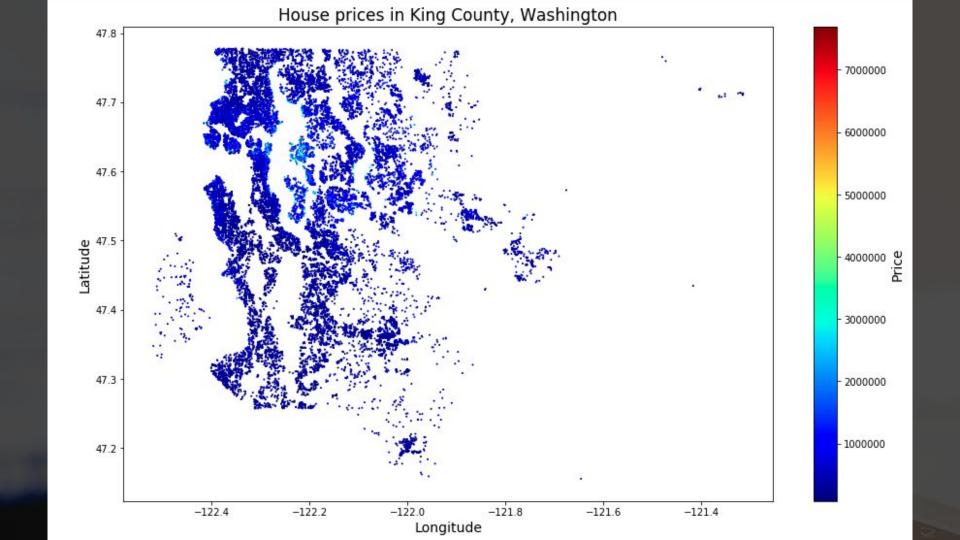
Equity in King County

How to get it. How to keep it.

Alex H. Macy

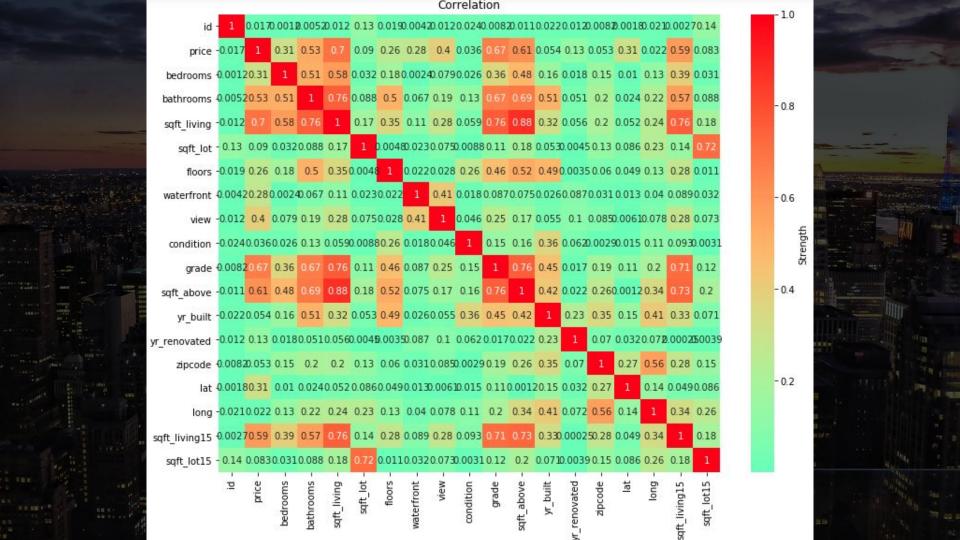
Washington State

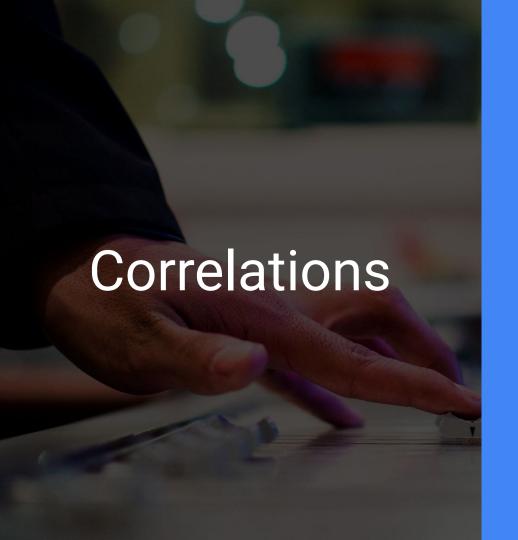






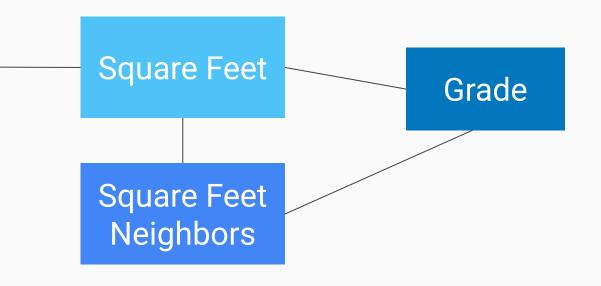
- Greater underlying reasons than the tech boom.
- Unique features operating together, shared amongst the housing market.





- Present a stacking effect, influencing price.
- Characteristics that affect price are simultaneously affected by each other.
 (Multicollinearity).

Housing Sales Price

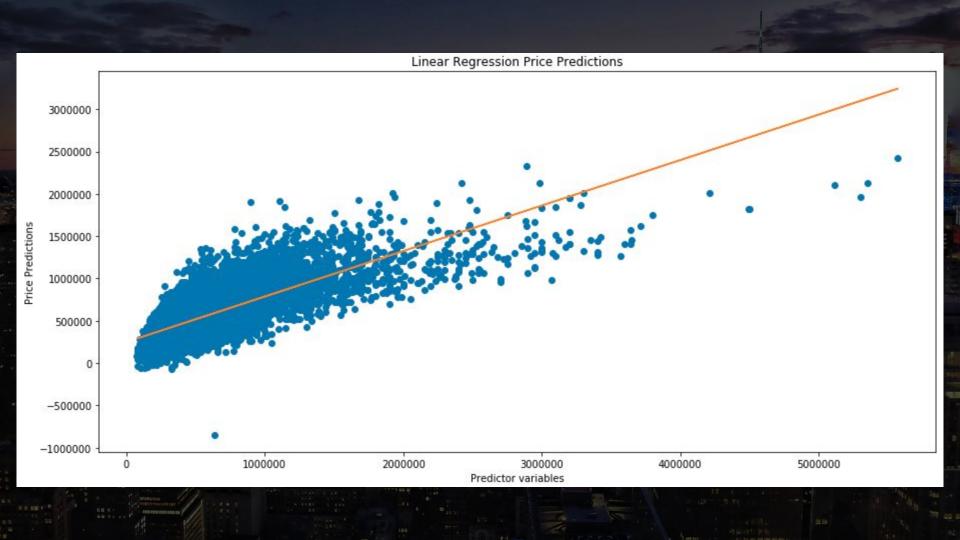


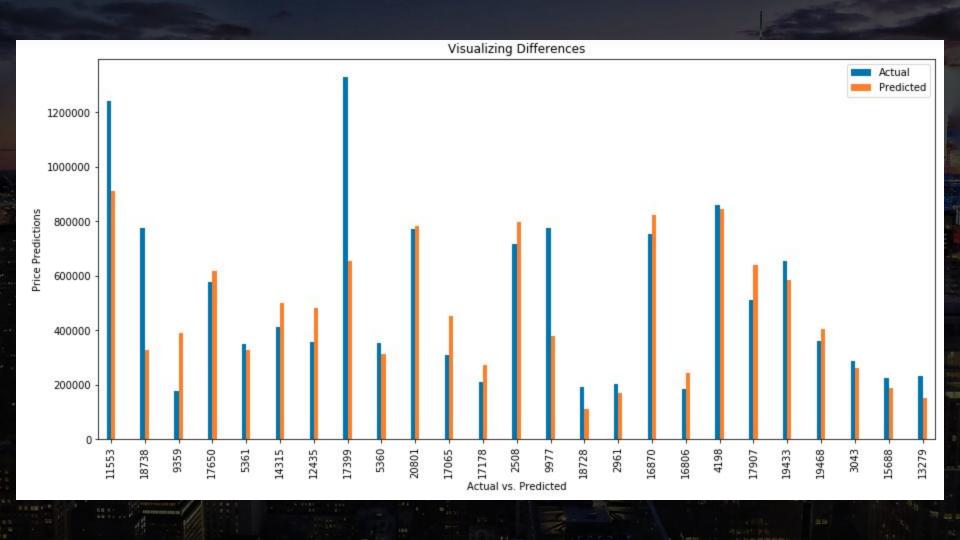


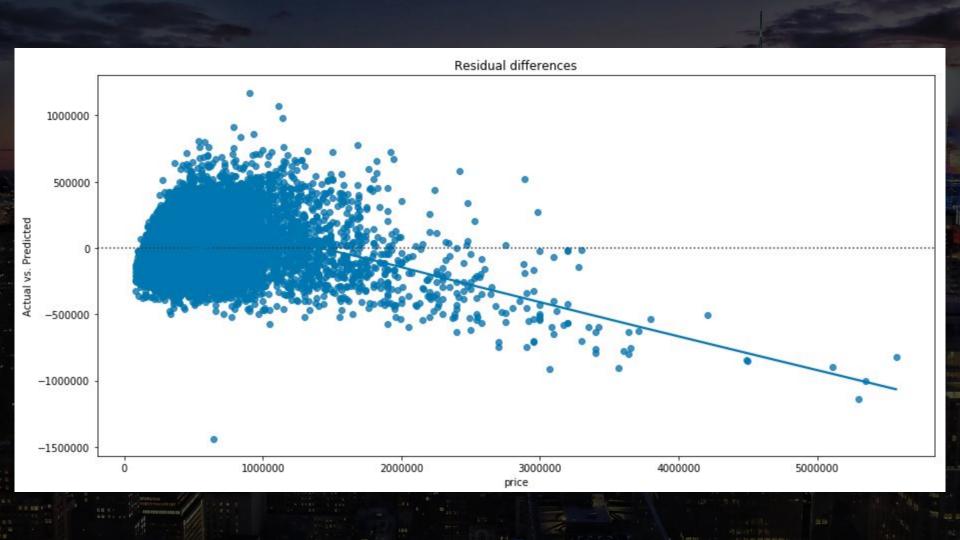


- Target the largest homes with the highest grades.
- Gain equity, keep equity.
- Discover the equity of your current home.

Using a Linear Regression, we can verify these results, and make these insights scalable.







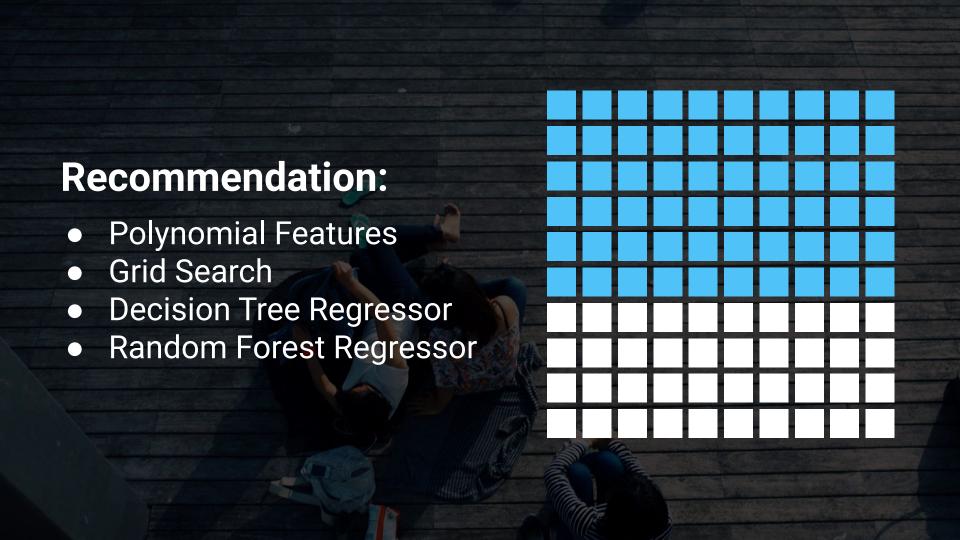
Model Conclusion

Model underfits by \$244,122

Assumptions:

- Normally distributed
- Linearly related
- NOT homoscedastic

Further modeling needed.



King County Conclusion

- Clear linear relation between housing characteristics and selling price.
- Models can guide potential buyers, or better inform homeowners of their equity.
- Further modeling is needed to ensure the greatest financial strategy.