

Predicting King County Housing Prices

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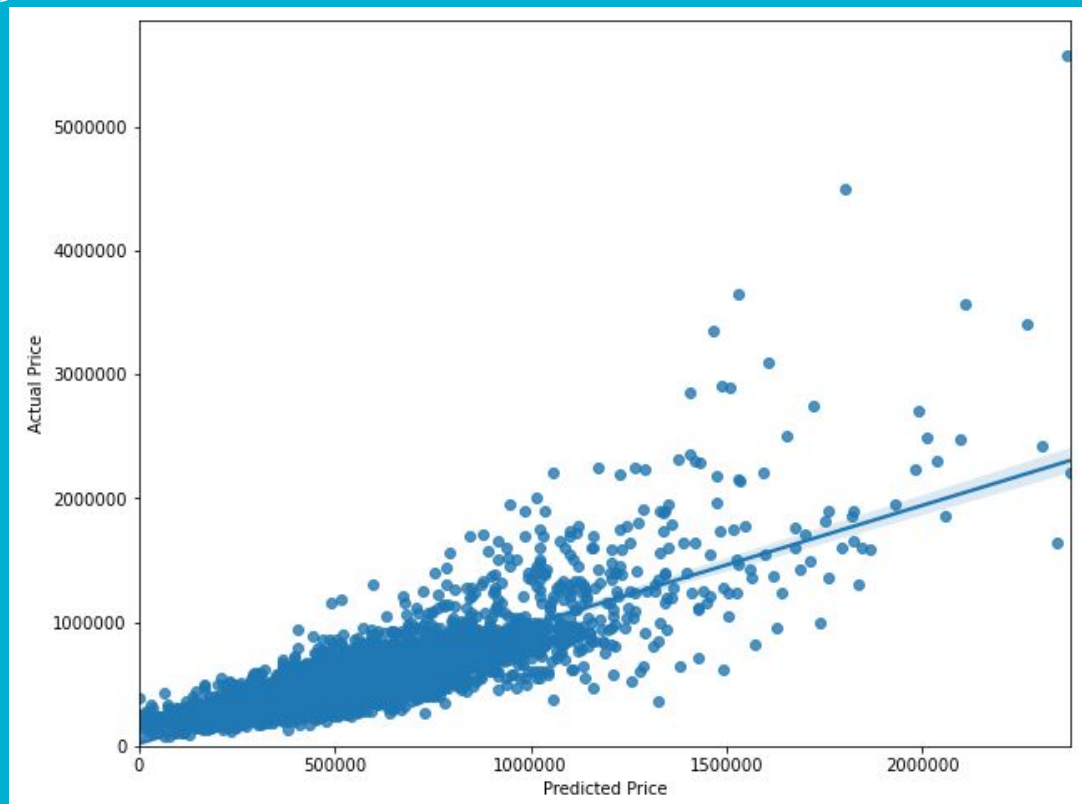
Stakeholder and Business Problem

Business: Ding Dong Real Estate Agents

Problem: DDRE wants to purchase homes in the Seattle to expand their real estate assets in the area.

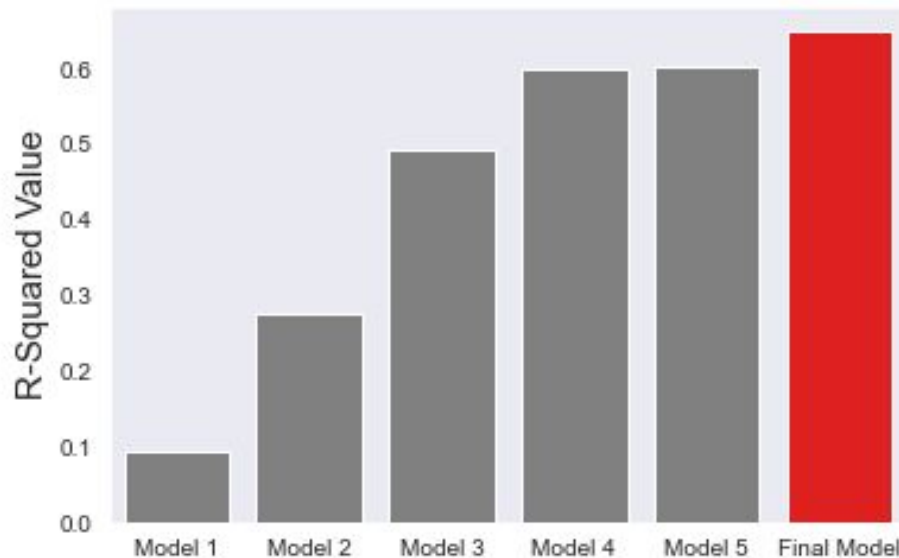
Predictive Modeling

- Methods & Metrics
- $R^2 = 0.692$
- RMSE = \$195547.46

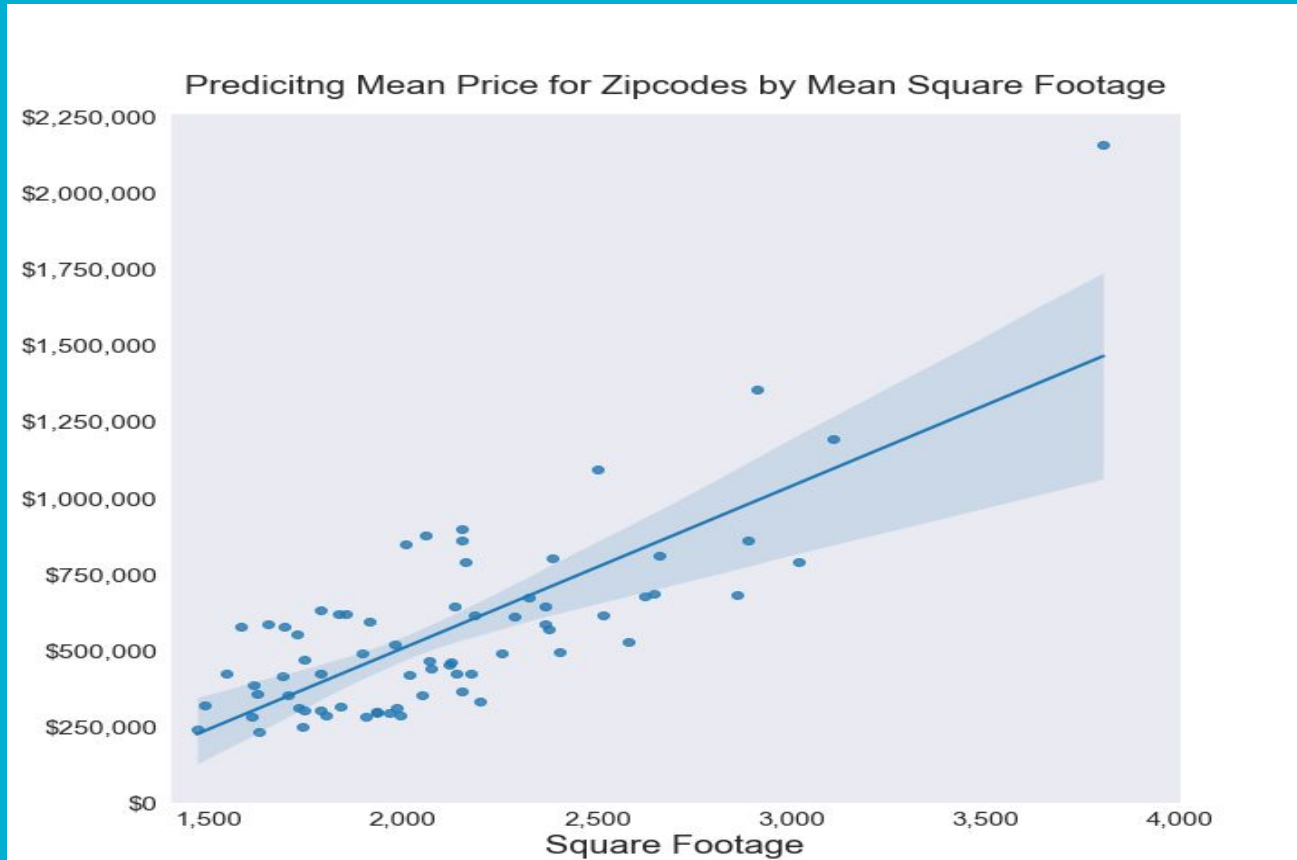


Inferential Modeling

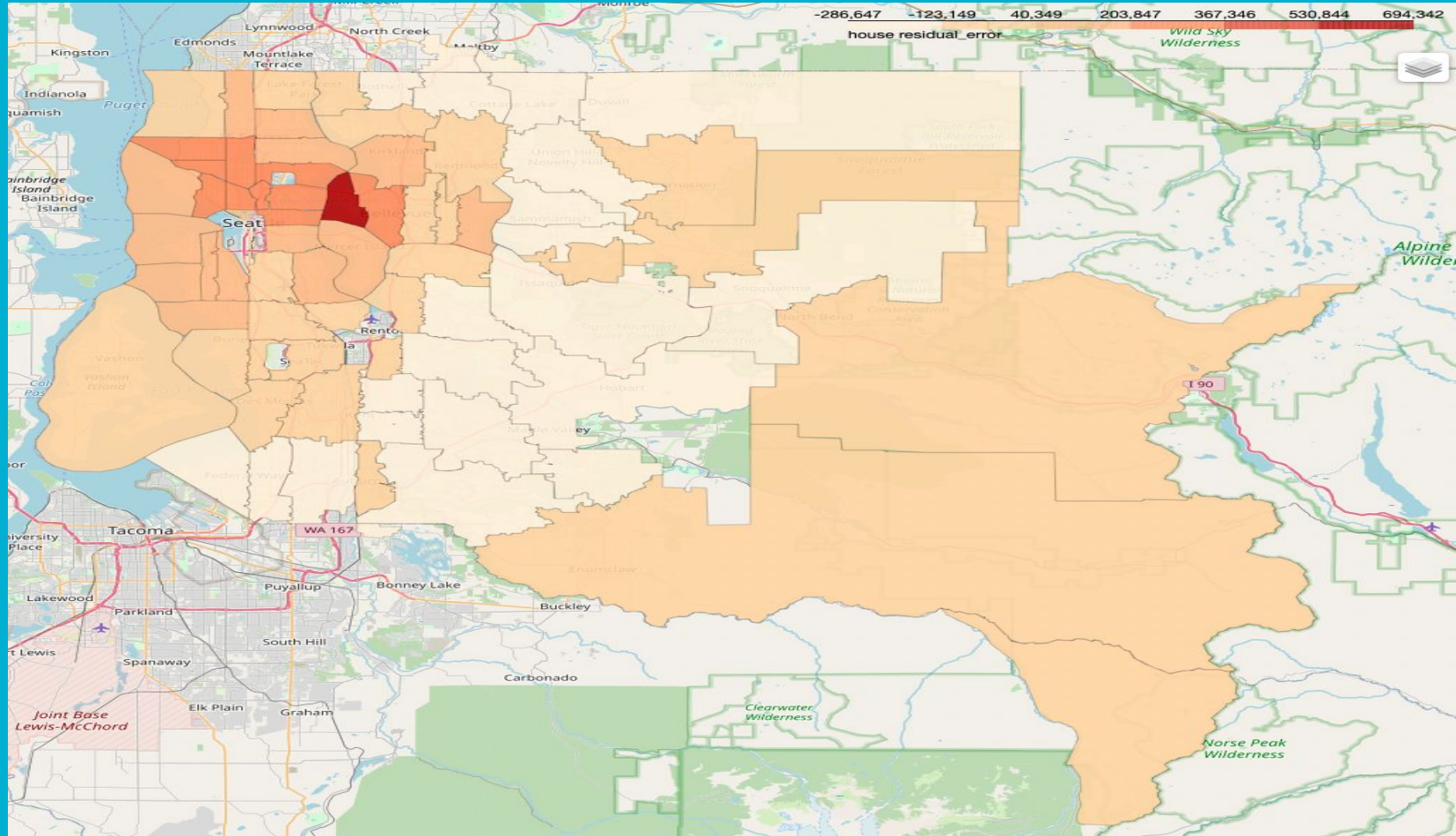
- Methods and Limitations
- Focus on the features
- $R^2 = 0.605$



By Zip Code: Mean Price vs. Mean Square Footage



Residual Error per Zip Code: lighter = better prediction



Conclusion

- The predictive linear model isn't the best model
- We inferred which features of the house control the price
- Focus on the zipcodes in the middle of King County

Questions?

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