

Multiple Linear Regression

Model-informed recommendations
for expansion in King County, WA

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— REAL ESTATE —

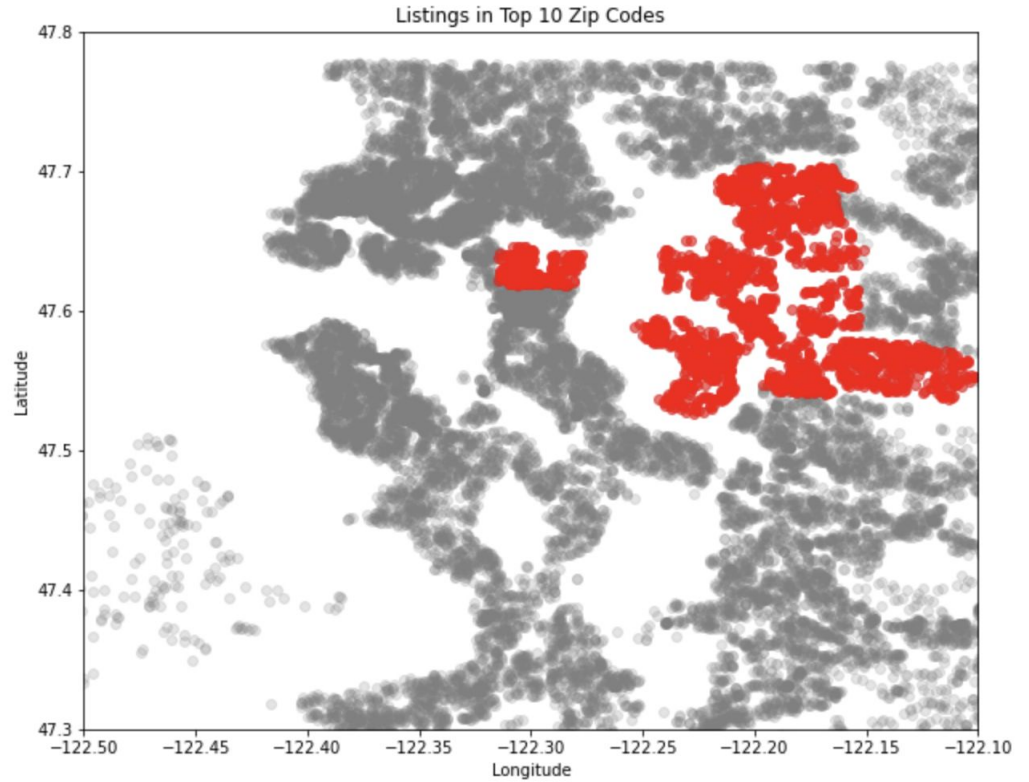
Why Linear Regression?

- Statistical analyses allow us to formally measure relationships
- Regression analysis estimates importance of each variable in predicting our target (price)
- We want to see which predictors have the strongest relationship to the sale price of houses in our new terf, King County.

Objective: get the lay of the land.

Baseline model | Iterate model | Final model

Map of top 10 zip codes by average price



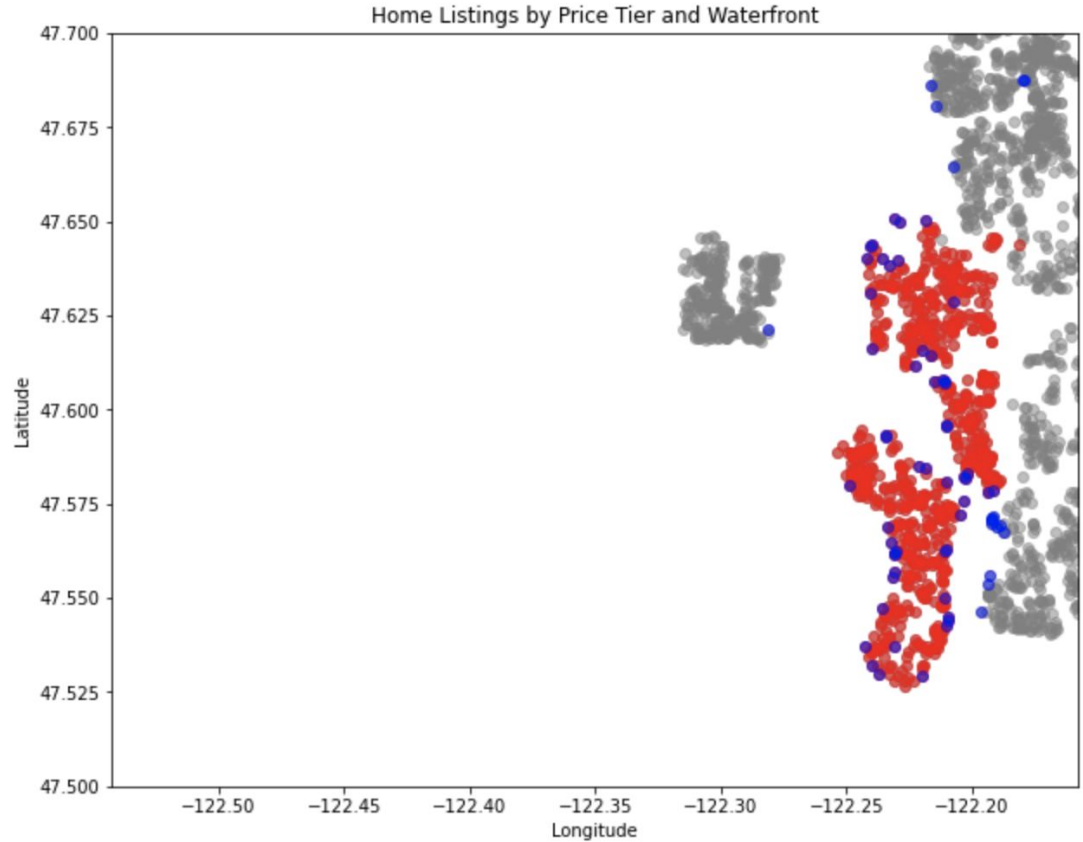
Location is key.

- Zip code tier
- Waterfront

Listings in
price_tier_High
category alongside
waterfront properties

Zip codes of note:

- 98039
- 98004
- 98040



110%

Predicted increase of price in waterfront properties, holding all other variables constant

Thank you! Any
questions?

Let's connect!

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