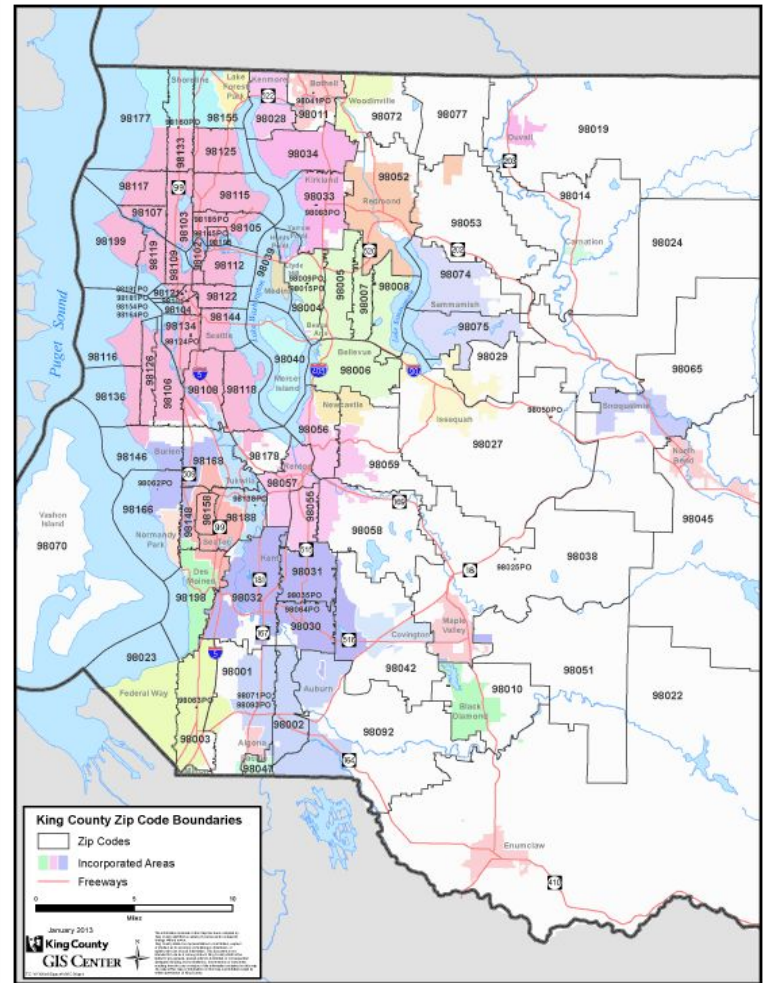

Sale Price Prediction for King County, WA

— Serafina Gomes —

King County, WA

- Population: 2,190,200
- Area: 2,132 square miles

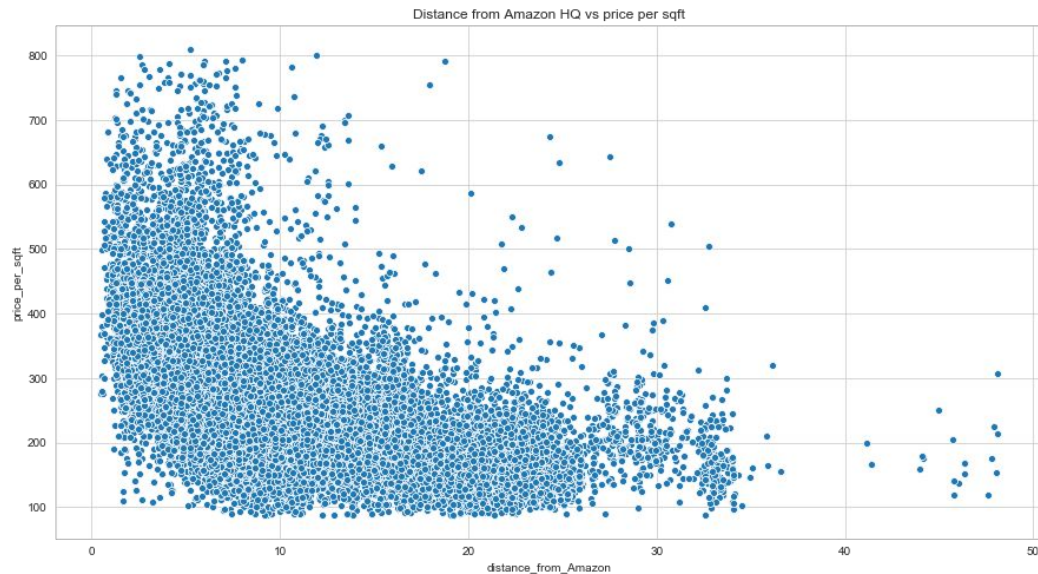


The Data

- Nearly 22,000 sales between 5/2014 and 5/2015
- Features of the dataset
 - Living square footage and lot square footage
 - Number of bedrooms and bathrooms
 - Number of floors
 - Year built and year renovated
 - Zip Code
 - House condition and grade
 - Square feet of basement if it has one

Adding features to the dataset

- Price per square foot
- Distance from Amazon HQ



Results

- Biggest Predictors
 - Distance from Amazon HQ
 - Price per Square foot
 - Square footage
- Average predicted sale price
 - \$541,687.07

Future work

- Take distance from Microsoft and Boeing into account
- How much of a difference do renovations make
- How much of a difference does going up a grade make

Thank you for your time!

Sources used

“Boundaries.” *Boundaries - King County*, <https://www.kingcounty.gov/services/gis/Maps/vmc/Boundaries.aspx>.

Demographics. <https://www.kingcounty.gov/depts/executive/performance-strategy-budget/regional-planning/Demographics.aspx>.