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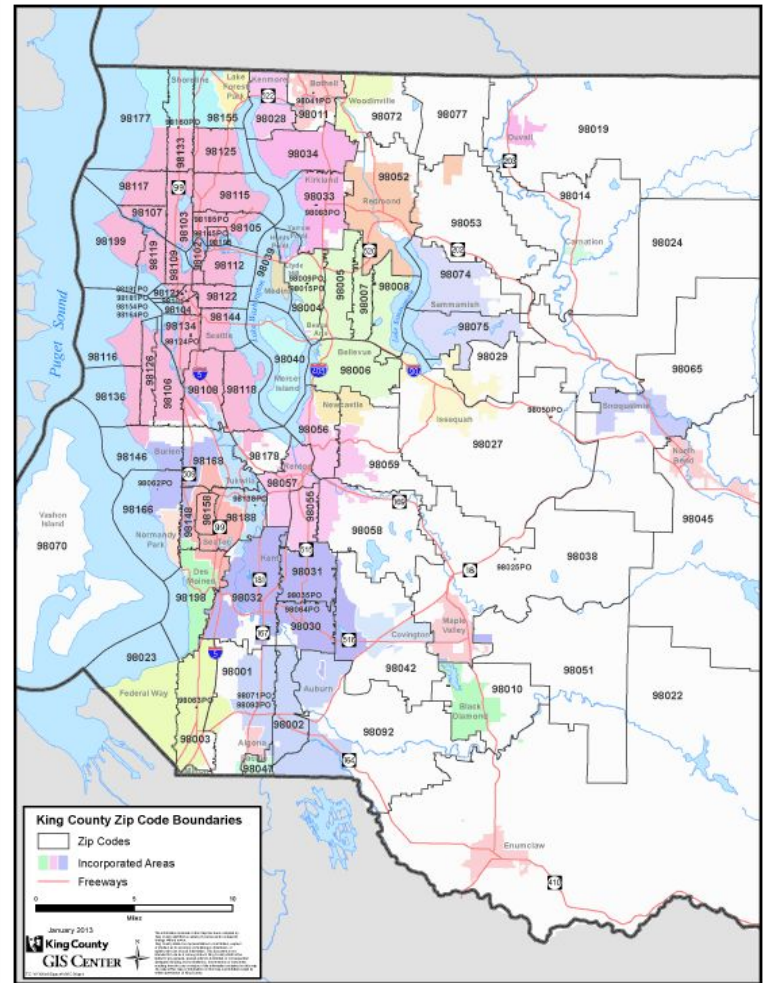
# Sale Price Prediction for King County, WA

— Serafina Gomes —

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# King County, WA

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

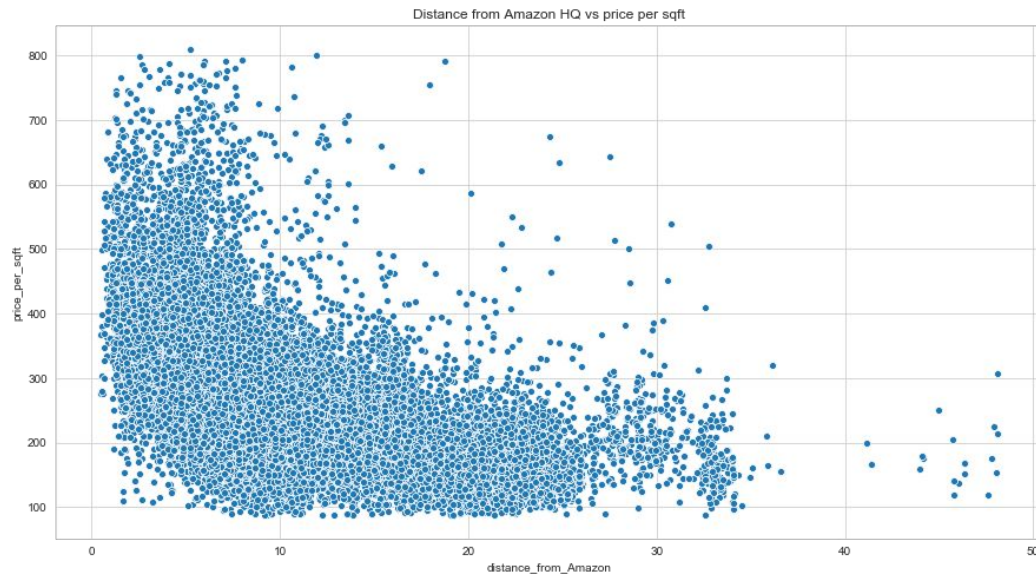


# The Data

- 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>.