

Housing in King County, WA



By Keene Kelderman

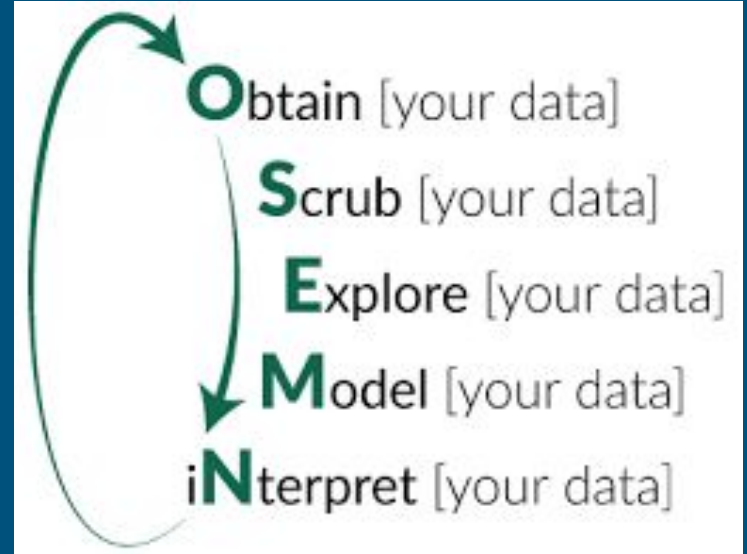


Maximize Profits in House Sales



Methodology

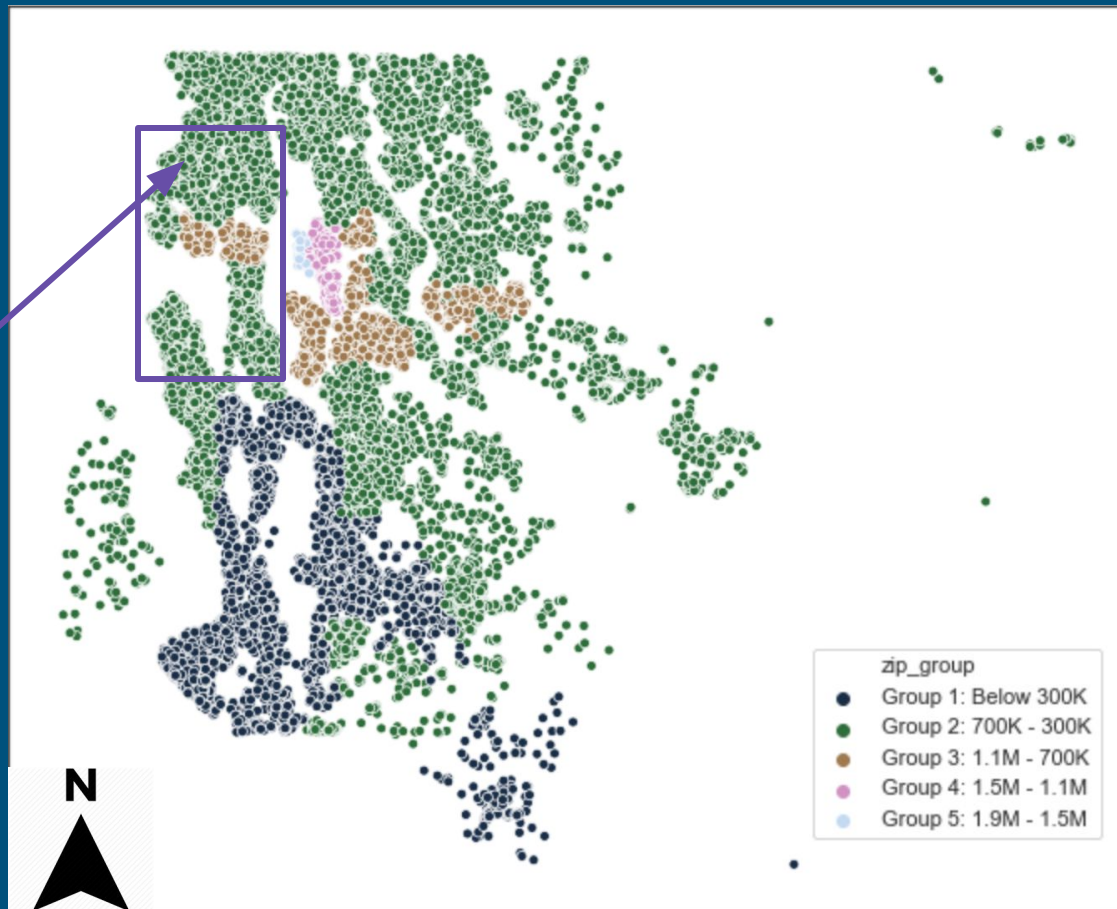
- King's County Housing Dataset
- OSEMN Method
- Multivariate Linear Regression Model



Location

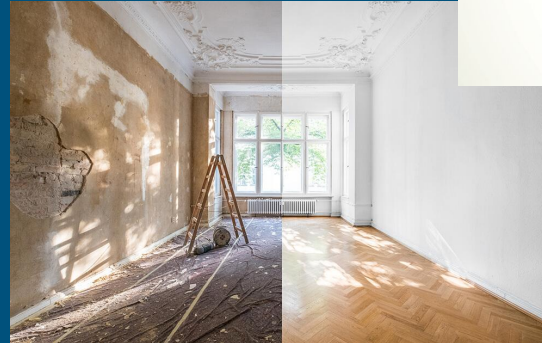
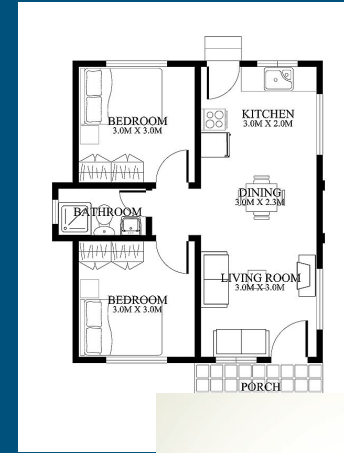


Seattle



Model Results

- \$74/square feet of living space
- \$1,190/floor
- \$42,660/point on the King County grading scale
- \$12,780 if the house was renovated



Takeaways and Future Work

- Location has the largest impact on house price
- After location, grade, renovations, and bathrooms (in that order) have the next highest impact on house price
- Future work:
 - Types of renovations
 - More recent data
 - Larger dataset





Thanks for listening!