

Analysis of the King County Housing Market

BY KYLE JOHNSON



Summary

The model created can explain 86% of a home's value based on its measurable characteristics



Methodology

Model: Ordinary
Least Squares

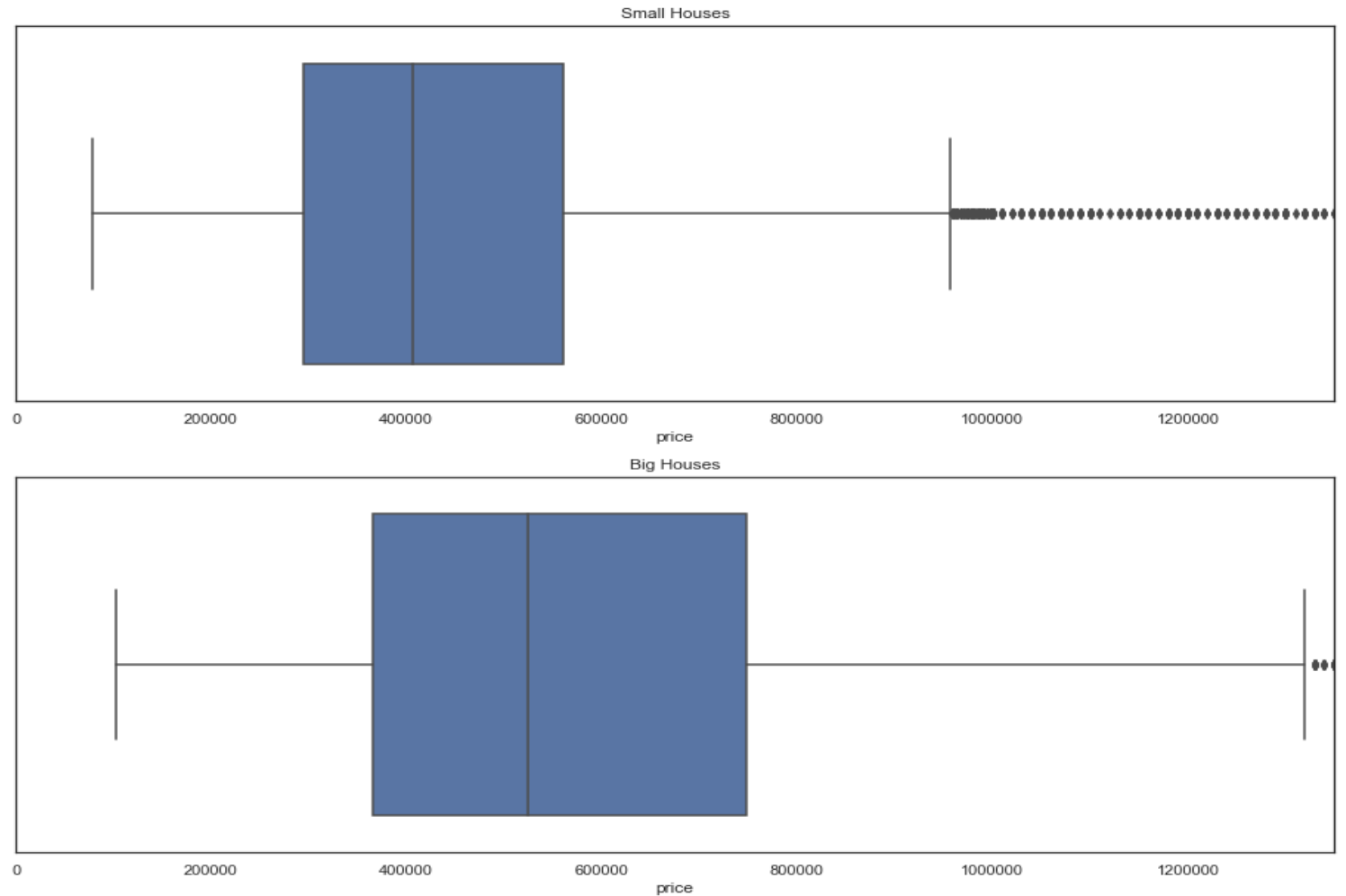
OSEMN model



Source: [A Taxonomy of Data Science](#)

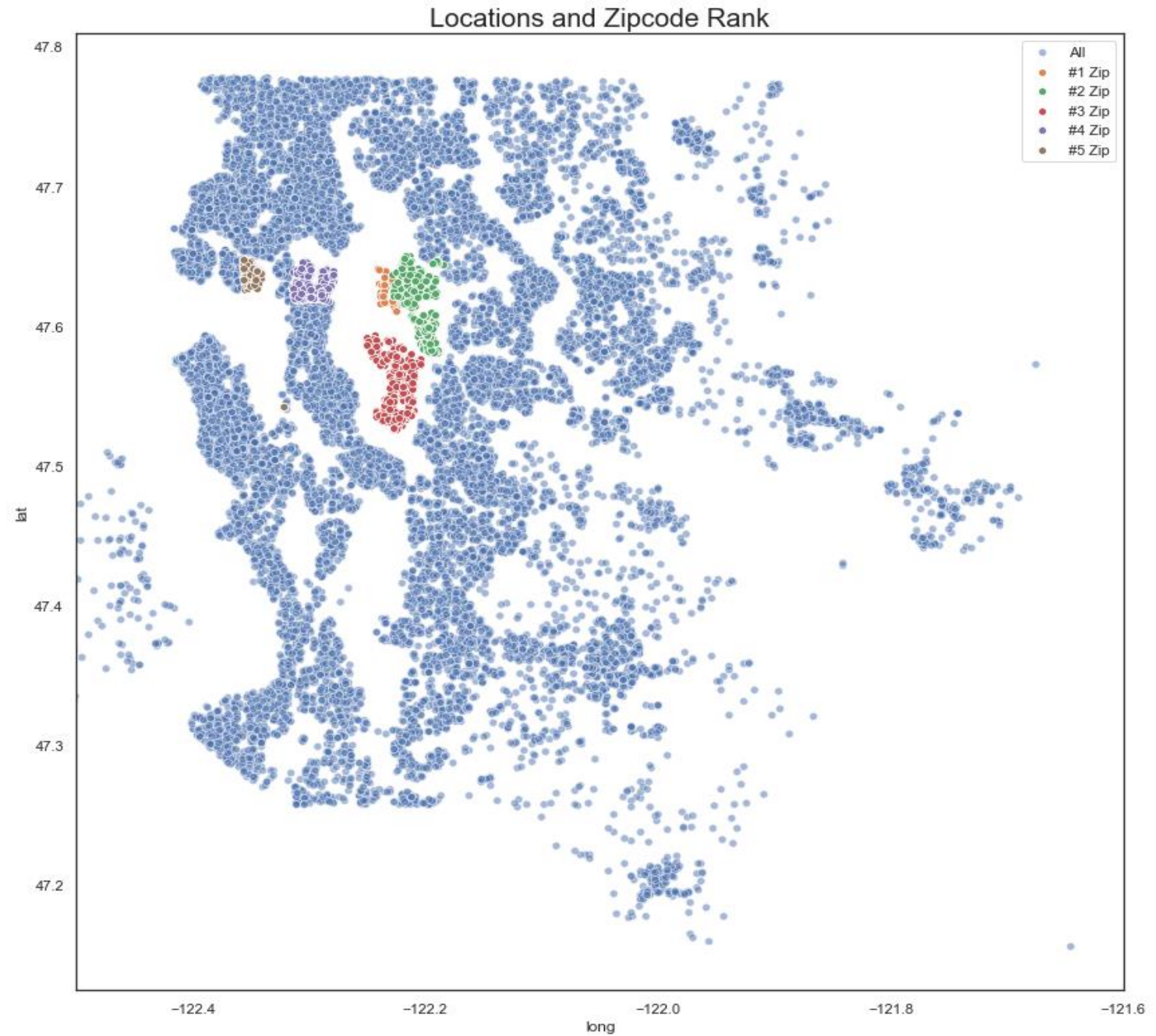
Findings

There is a premium of \$91,000 for being double the size of the average neighbor.



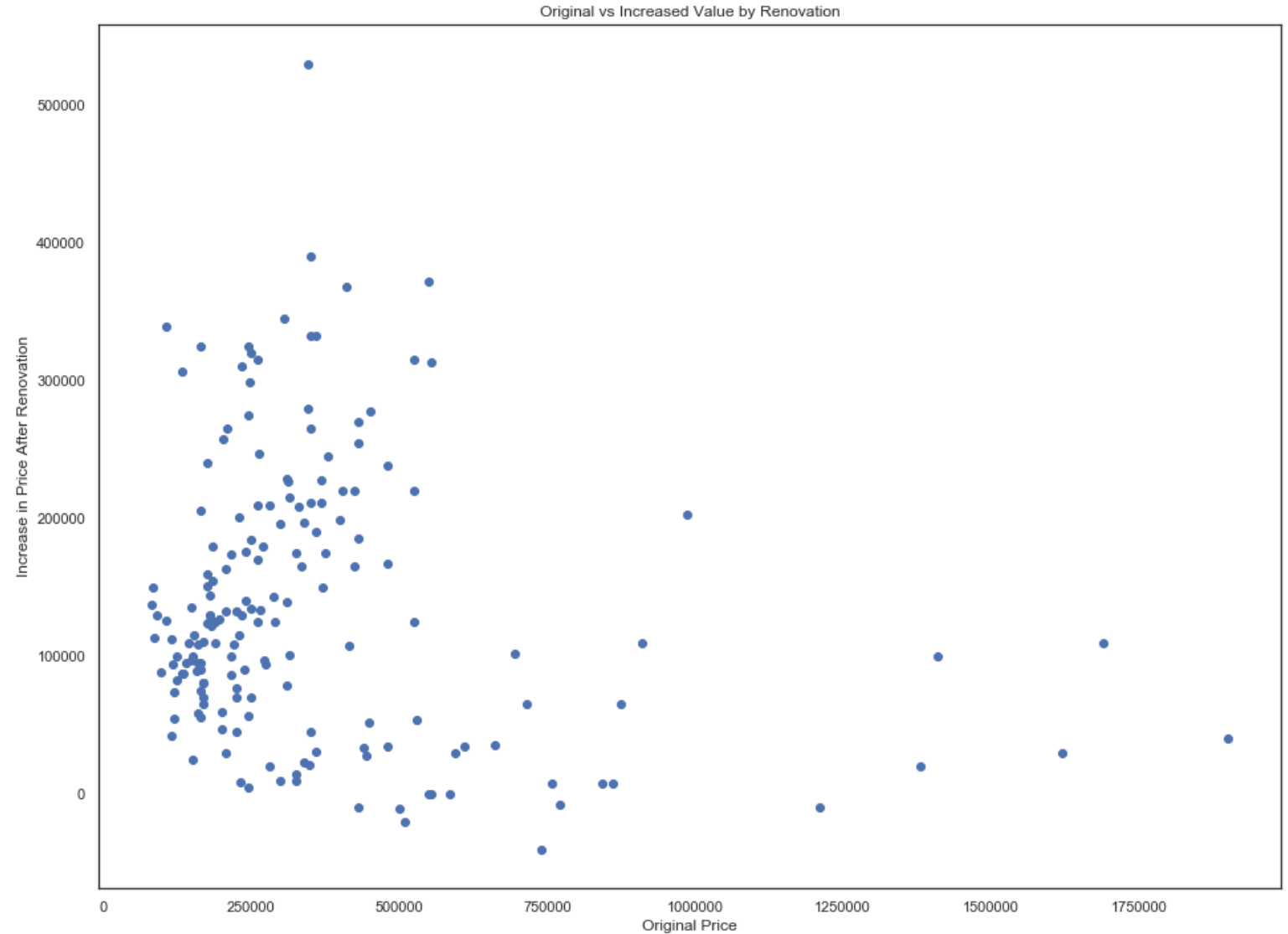
Findings

The premium zip codes are all close to downtown Seattle and near the water



Findings

Renovation
increases a home's
value by an average
of 28%



Findings

Being on the water
accounts for a
\$116,000 increase in
home value



Next Steps

Further Exploration should involve obtaining new variables such as school quality and crime rates or deploy more sophisticated modeling techniques.

