

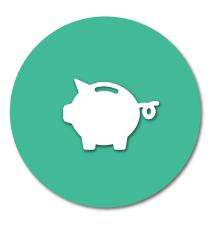
# What do we do?!



TIRED OF YOUR HOUSE?



RENOVATE INTELLIGENTLY?



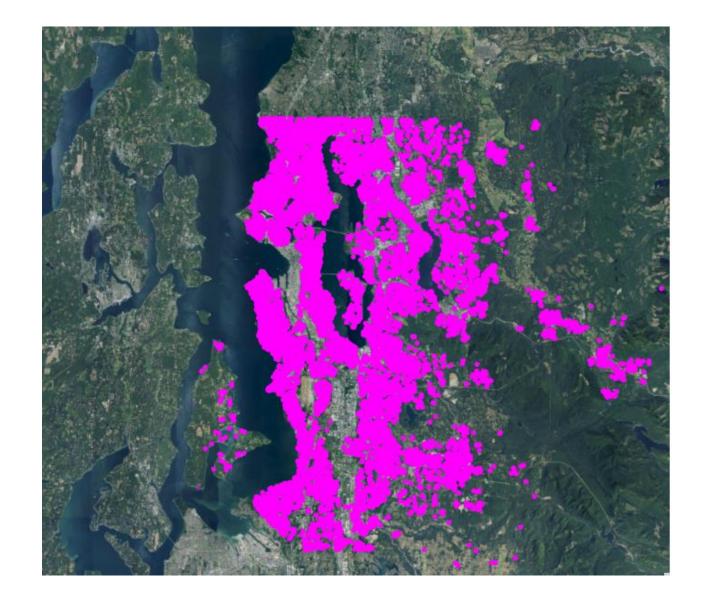
USE IT AS AN INVESTMENT?

# How do we do it?!

Cutting edge machine learning techniques.

Accurately describe the house market in your area.

Analyzed data from over 20,000 houses in King County.



# Analyzed Features







LIVING SQUARE FOOTAGE



NUMBER OF FLOORS



NUMBER OF BEDROOMS/BATHROOMS



GRADE/CONDITION



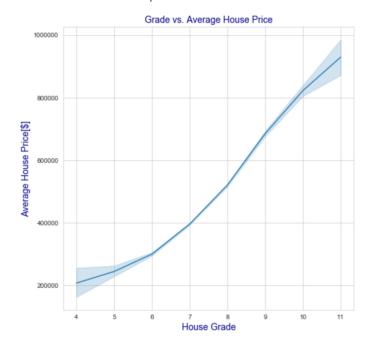
LOCATION



AND MORE!

# Results

Model can explain 82% of the variability in price.



### MOST SIGNIFICATIVE

Waterfront View

Living Square footage

Grade

### LEAST SIGNIFICATIVE

Number of Bedrooms

Number of Bathrooms

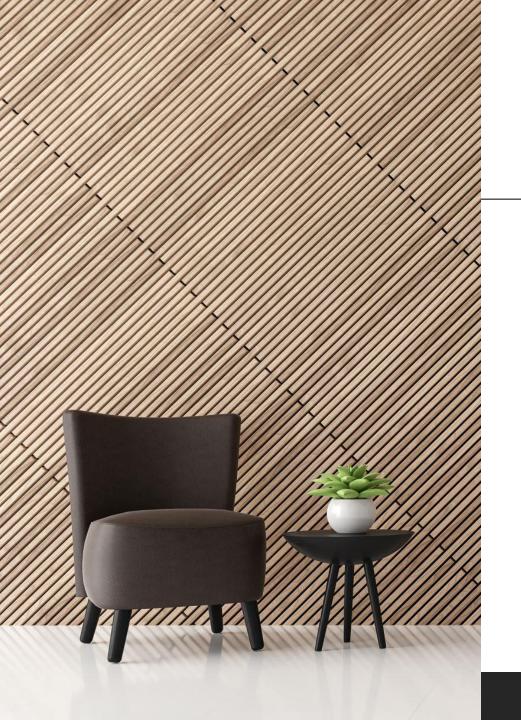
Renovated



# Recommendations Part 1

These are some recommendations if a homeowner wants to increase the value of his house:

- 1. Increase the living square footage of the house.
- 2. Improve the overall grade of the house.



# Recommendations Part 2

The following things are not recommended when the goal is to increase a house's value:

- 1. Adding a new bedroom or bathroom to a house does not guarantee that the house's value will increase.
- 2. Renovating a house might not increase its value.

## Future Work





IMPROVE MODEL BY INCLUDING MORE FEATURES.

MORE LOCATION RESEARCH.



# Thank you for your time Any questions?