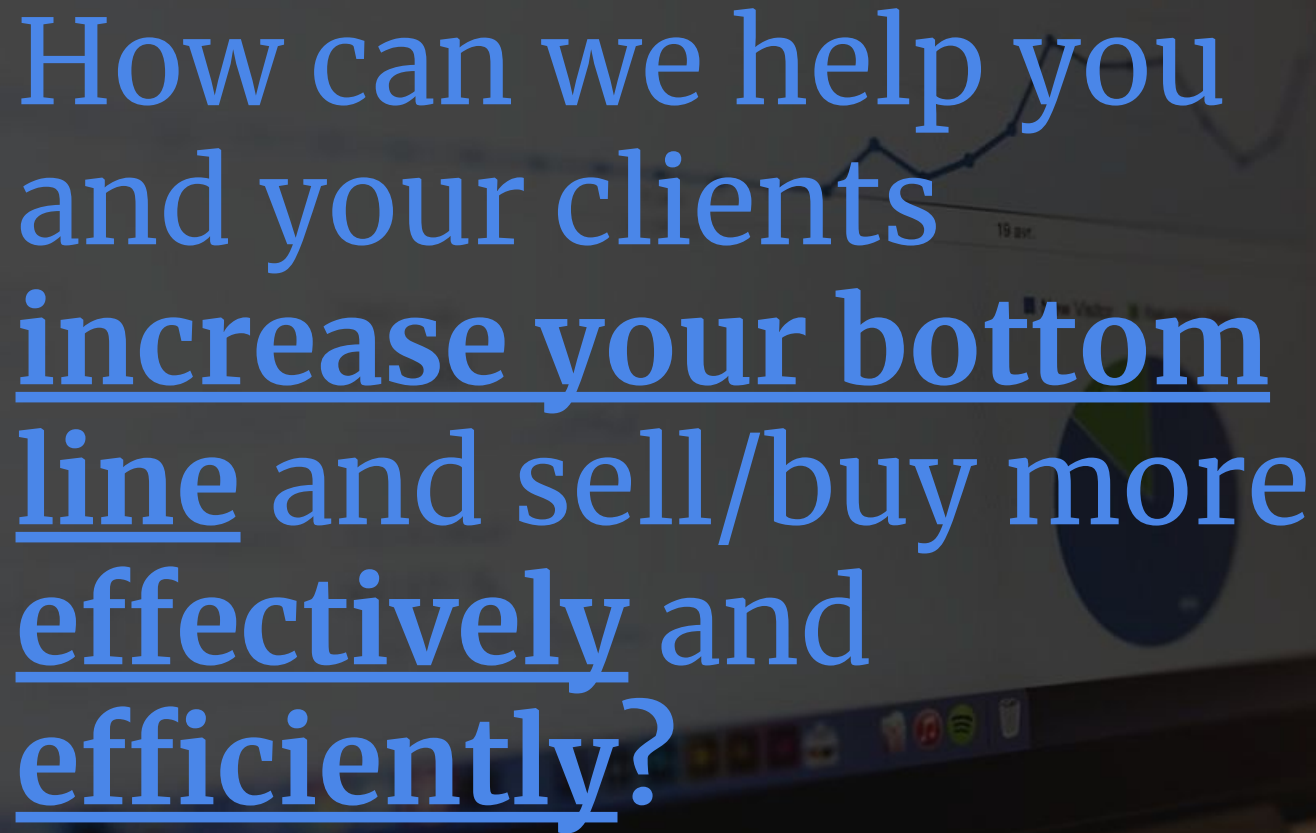


Predictive Home Sale Insights

Of King County, Washington

Created for XYZ Real Estate Holdings

A laptop screen is visible in the background, showing a line graph with a blue line and a pie chart. The text is overlaid on a dark blue background.

How can we help you
and your clients
increase your bottom
line and sell/buy more
effectively and
efficiently?

A close-up photograph of a person's hand holding a stylus, poised to write on a tablet. The background is blurred, showing bokeh light effects. The text 'The solution' is overlaid in white on the left side of the image.

The solution

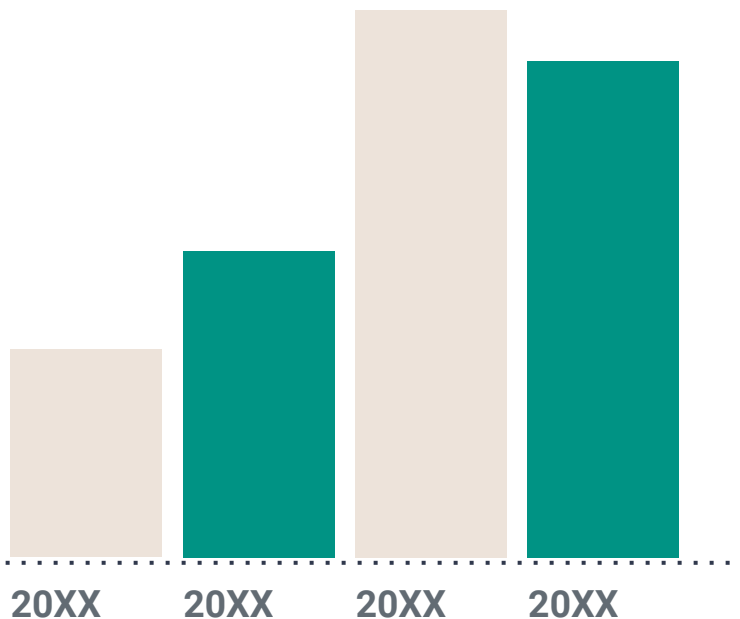
A highly useful Price
predicting algorithm!

- Buy or Sell at the **RIGHT**
price
- Learn ways to
INCREASE home value

Methodology

- The King County Dataset
- Linear Regression Model
- Price as Feature to

Predict



Home Value Model

Our best fit model - based on the dataset - explains around **65%** of why a home sells at a certain price.

SQFT of Living

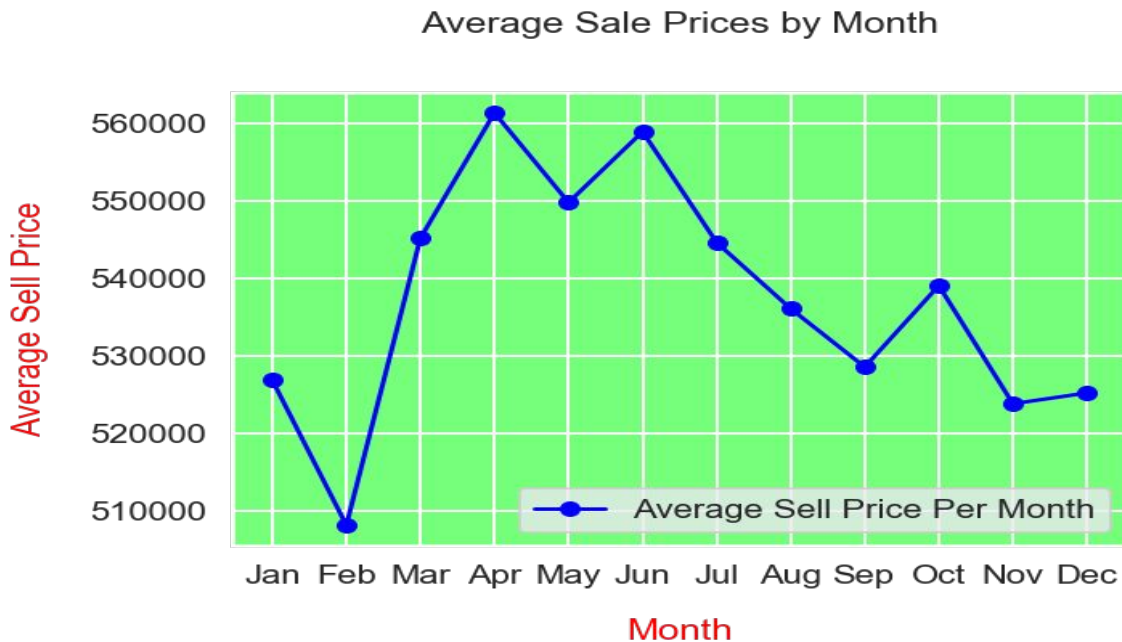
Bathrooms

Grade

Is there a perfect time of year to sell/buy a home?

SELLING

March -
June

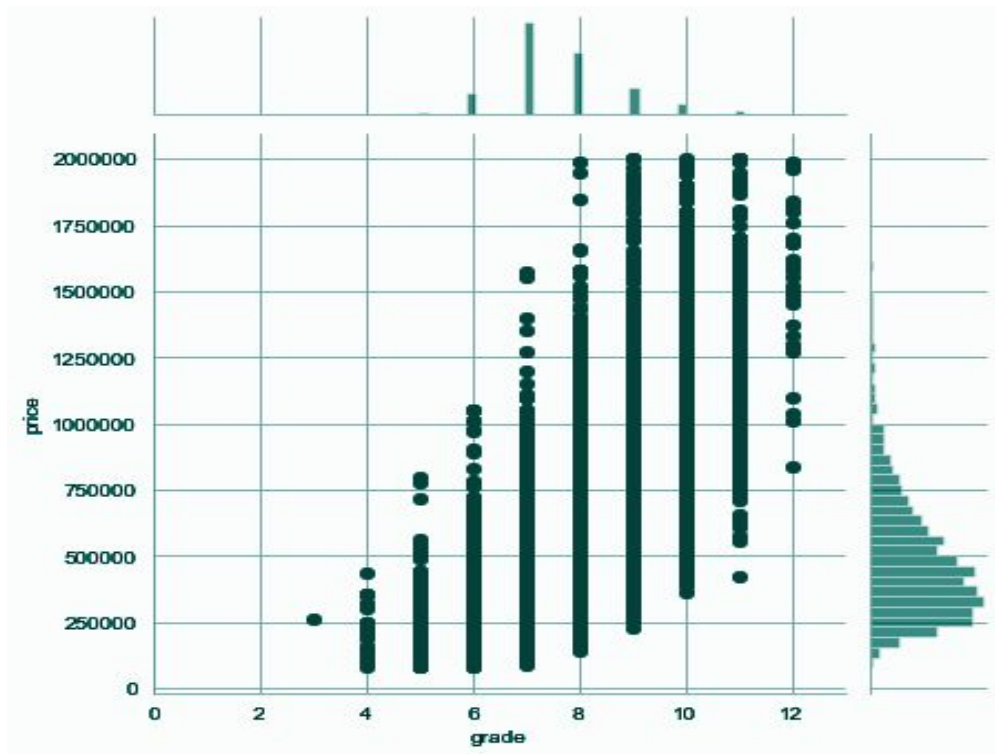
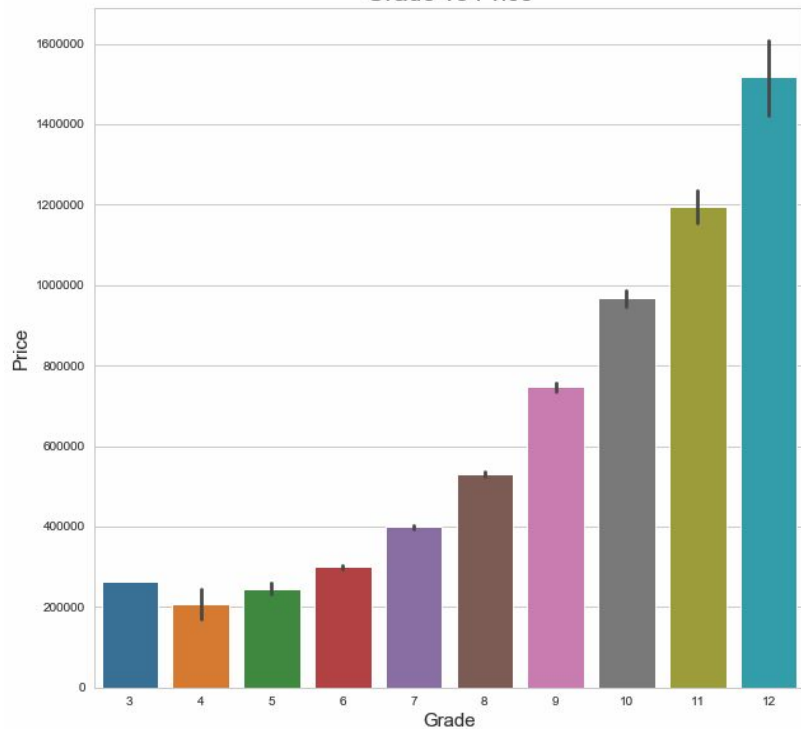


BUYING

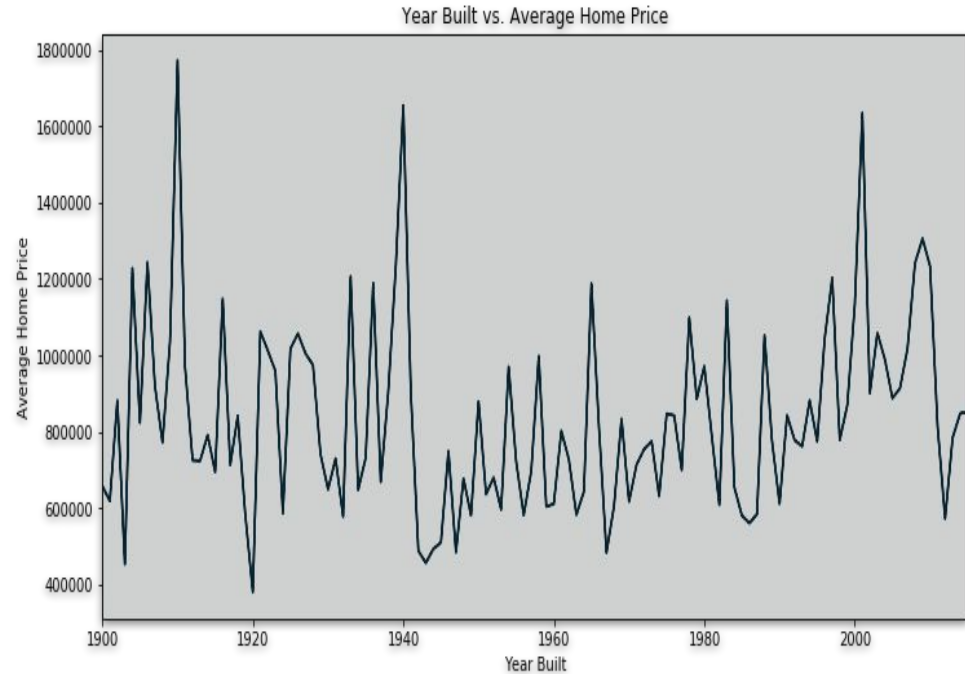
December -
February

How Does Grade Affect Price?

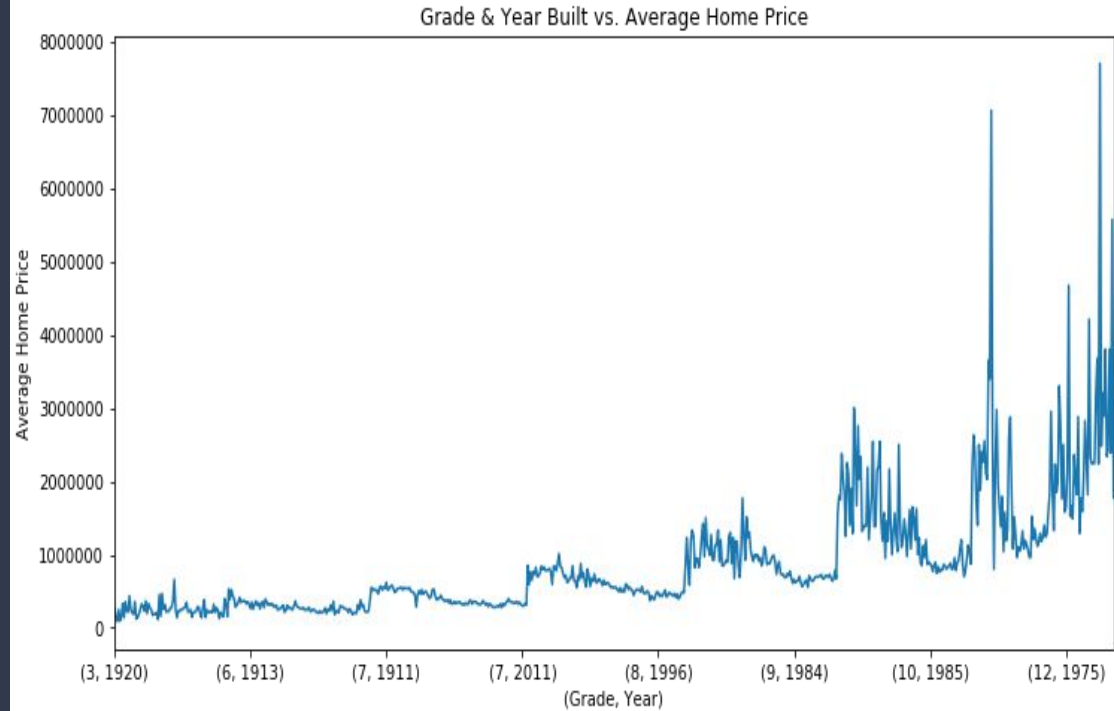
Grade vs Price



Is there a point where a
home can be considered
vintage?



How can we increase
the price of older
homes that are not
yet considered
vintage?



Summary

- Sell between March and June == **more \$\$**
- Buy between December and February == **more \$\$**
- Higher Grade = **more \$\$**
- Pre 1940s can be vintage = **more \$\$**
- Older homes not quite vintage with an overall grade of 10+ = substantially **more \$\$\$**

The Heart and Soul of our Data Science Team



Erica Gabriel

Graduate of Flat-iron, a
prestigious Data Science
Academy.



Saeed Akbar

Graduate of Flat-iron, a
prestigious Data Science
Academy.



Kimberly Humphrey

Graduate of Flat-iron, a
prestigious Data Science
Academy.



Rafael Carrasco

Our 'Obi-Wan Kenobi'

Future Work

Step 1

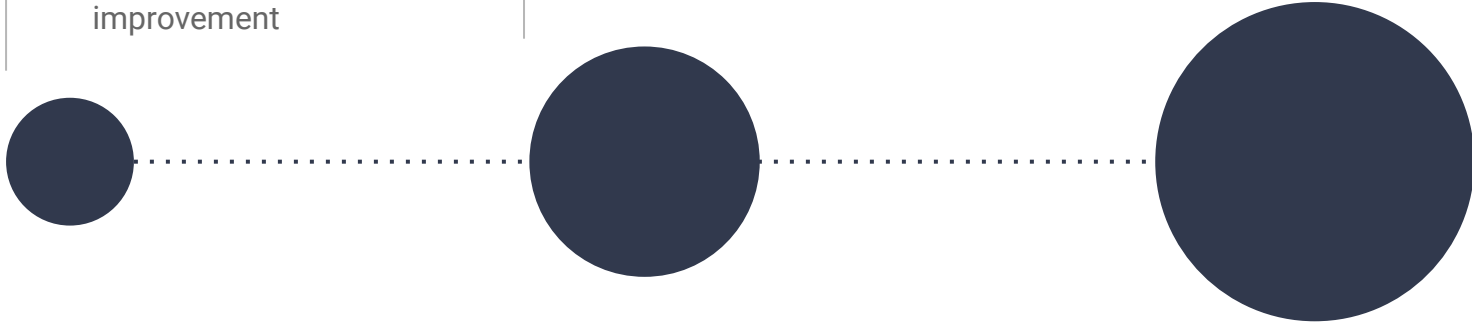
Acquiring additional
data sets for model
improvement

Step 2

Diving further into grade
and condition of the
structure

Step 3

Reveal pricing impacts
of improvable structural
elements



An aerial photograph of the New York City skyline at dusk. The sky is a mix of dark blue and orange, with scattered clouds. The city lights are visible, and the Empire State Building stands out prominently in the center. Other skyscrapers are visible on either side, and the water of the harbor is visible in the distance.

Thank You!

We look forward to continuing our
partnership!

–The Team here at Data Wise