King County Advisors, LLC
Regression Analysis

Jhonathan Shaikh
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Business Understanding

King County sales data in the United States for years 2014-2015 will be conducted. The purpose of the analysis is to derive conclusions for business decision making purposes, affecting current homeowners and prospective buyers of this specific area. King county, is one of three Washington state counties that include Seattle, Bellevue and Tacoma area. It covers an area of of approximately 39 towns and cities. U.S Census Bureau stats indicate the county has a population of approximately 2.2 million people as of 2020.

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The Business Problem

You the buyer or seller in King County, want our advice in knowing what correlates and what is most significant to the sales price of your current or future home, you want to know what most affects the price of a home in this market!

King County Advisors

REAL ESTATE

1

Accessing the appropriate
data correctly

2

Cleaning a Database with
more than 21,000 rows

3

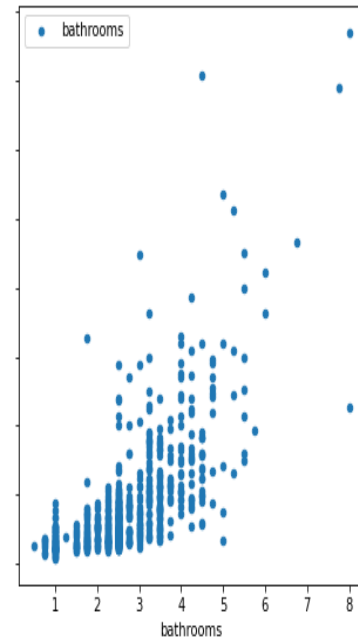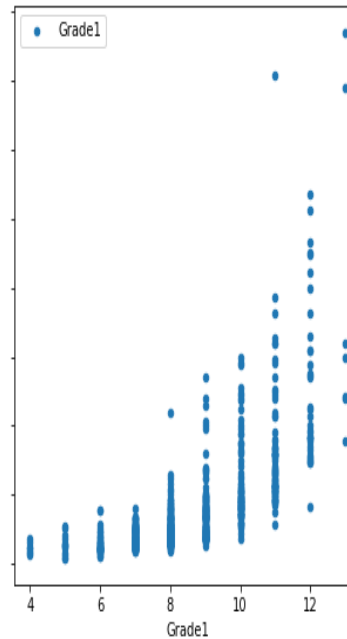Exploring and Modeling
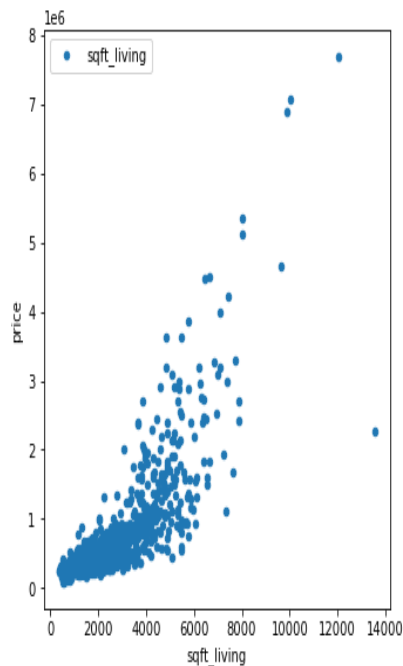
Square Footage

This is the factor that is highly related to price in King County

Grade

The grade level of the house the second factor related to price

Bathrooms

Interestingly enough, bathrooms also make the top 3 list

If you want to modify this graph, click on it, follow the link, change the data and replace it

R-Squared

A measure of how much is covered by our model, show a 83% level of coverage when we ran our data.
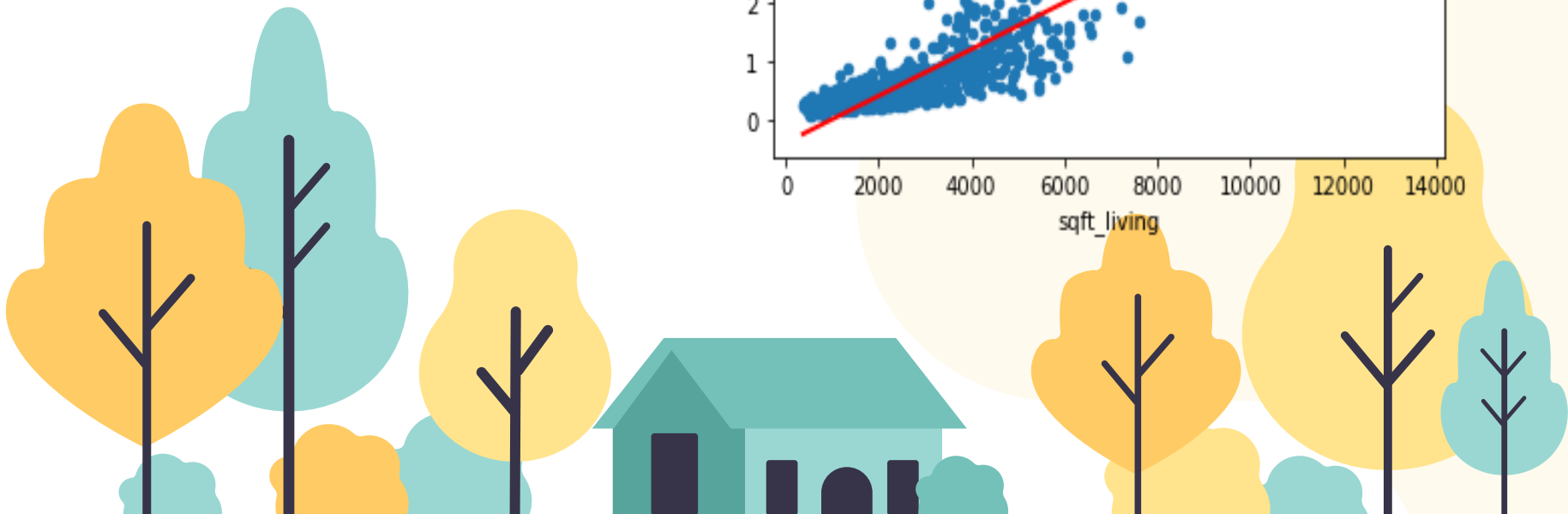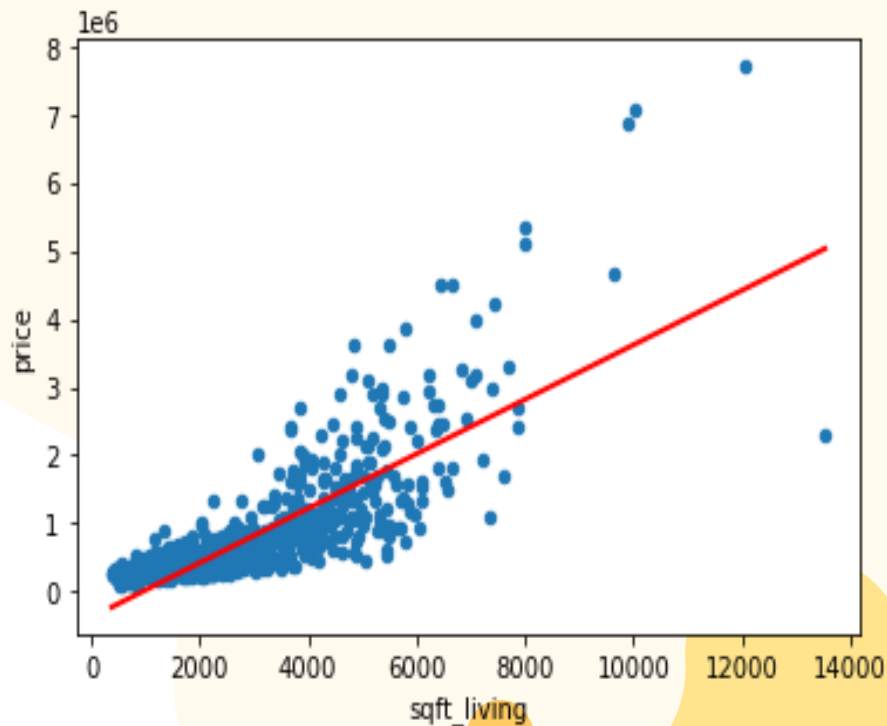
Price will be higher

When you focus on our factors, price will be higher

P-Values

When we ran our model, we discovered that because this value is less than 0.05, we can find our model to be statistically significant

A closer look to the Model of Square Footage shows the Linear Regression model line

Our Recommendations & the Future

#1

Building Larger Square Footage Homes that pay off better in this county

#2

The Better Built the homes are, the higher the price you'll receive when sold

#3

Stay with us
We can get more value for you and obtain more details using other databases

THANKS

Does anyone have any questions?

jho@gmail.com
+91 620 421 838
yourcompany.com