

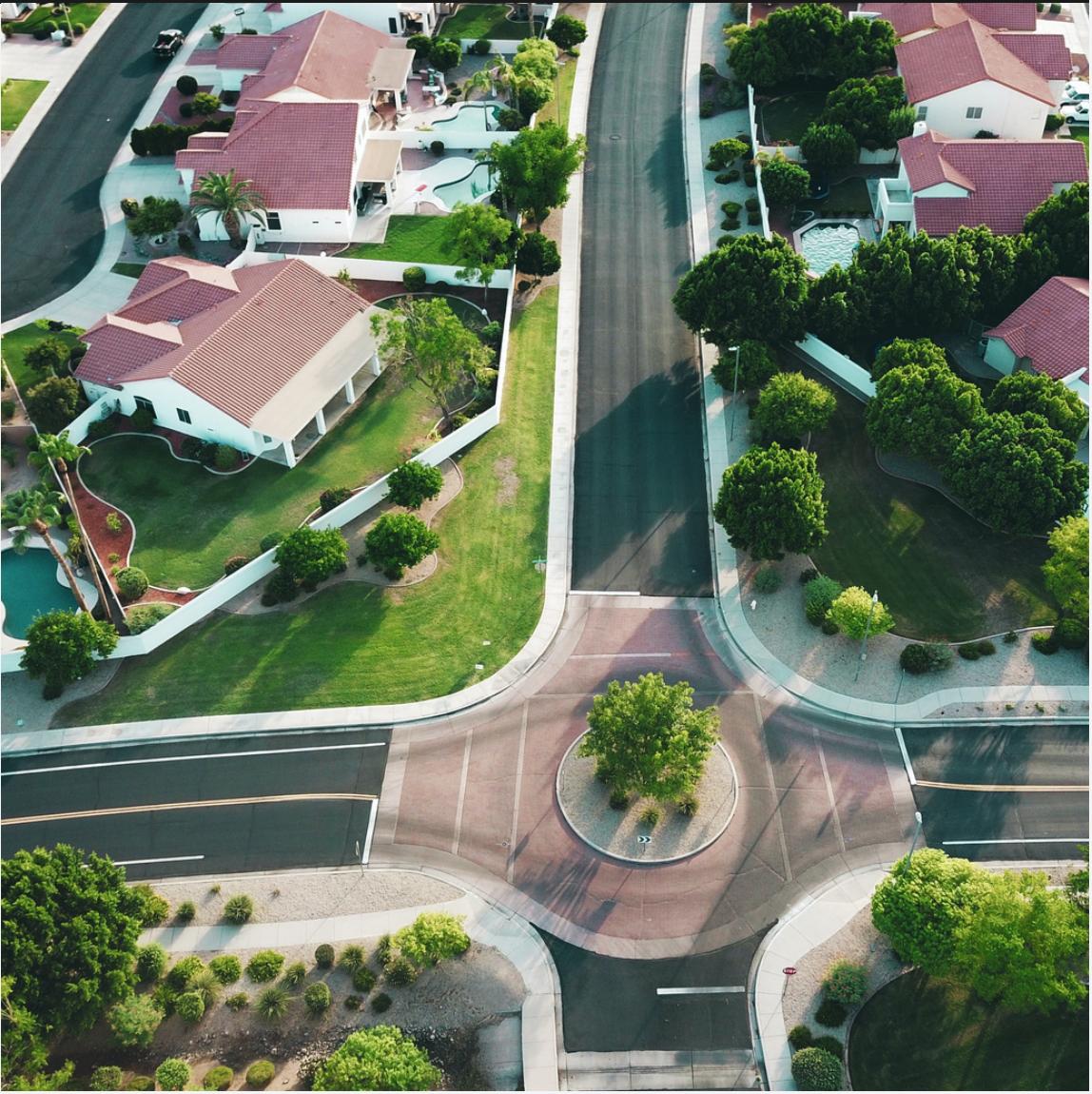


KINGS COUNTY HOUSING

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INTRODUCTION

KINGS COUNTY HOUSING



We have been given a project for a Real Estate. We used other plots and multiple linear regression modeling to analyze house sales in a northwestern county.

BUSINESS PROBLEM

We get to advise homeowners about how / what will help increase the estimated value of their homes, and how to price their property.

OBJECTIVES

01

To look for variables that are affecting housing prices.

02

Create models and evaluate how well the variables can/are predicting house prices.

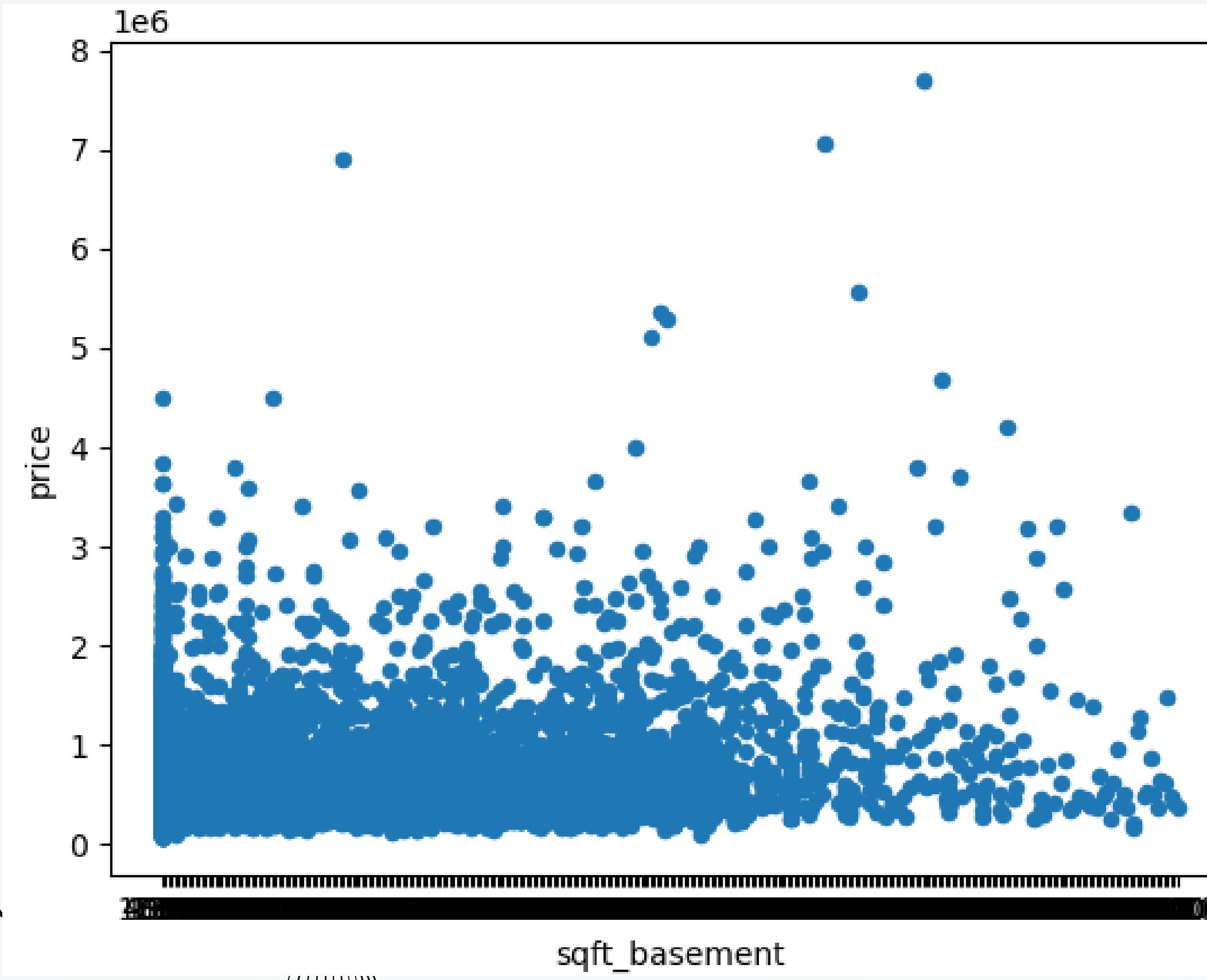
03

To look at the correlation between the variables

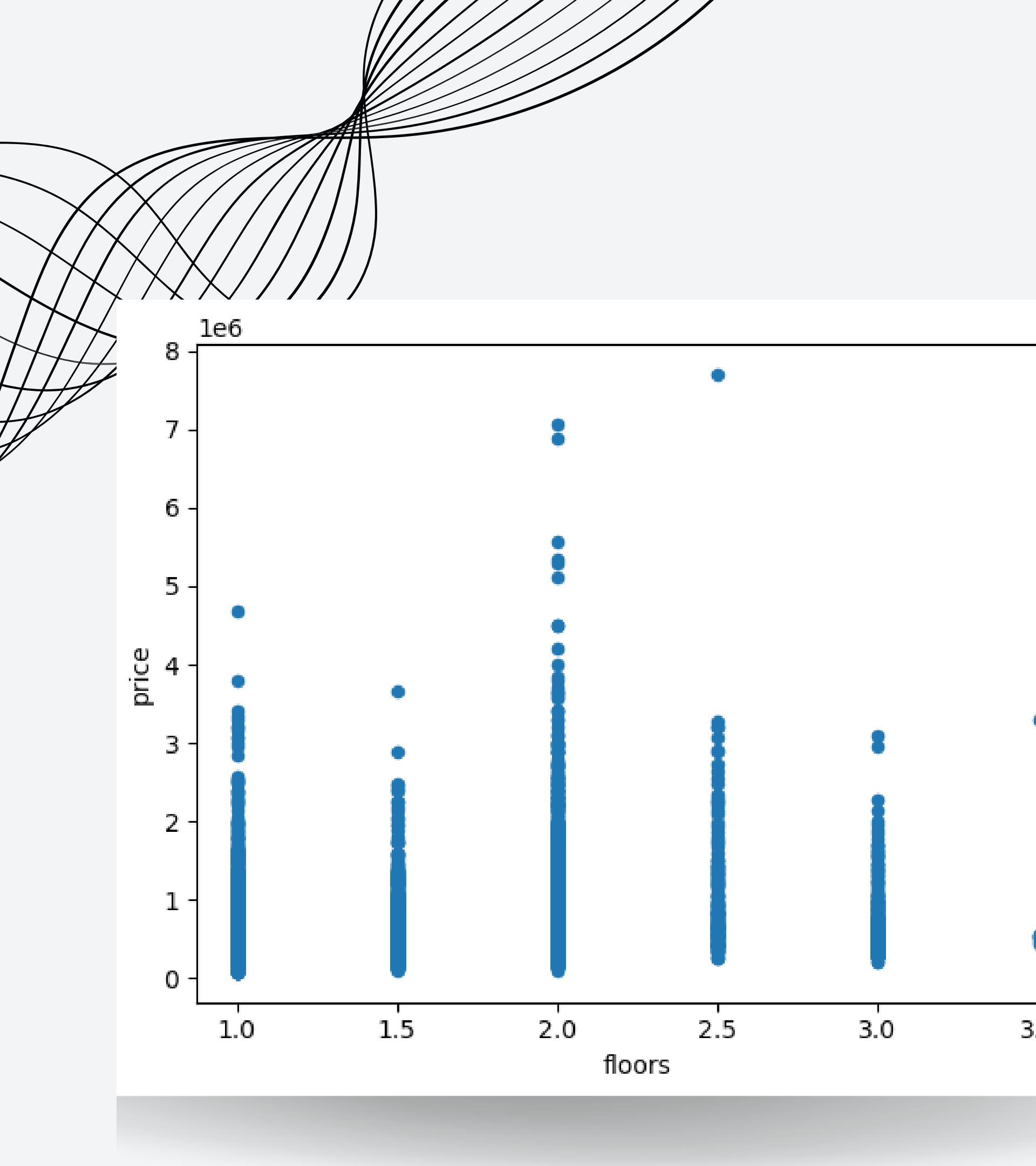
DATA UNDERSTANDING

This is where you look at your King County House Dataset to find the connections / relationship between variables and target variable.

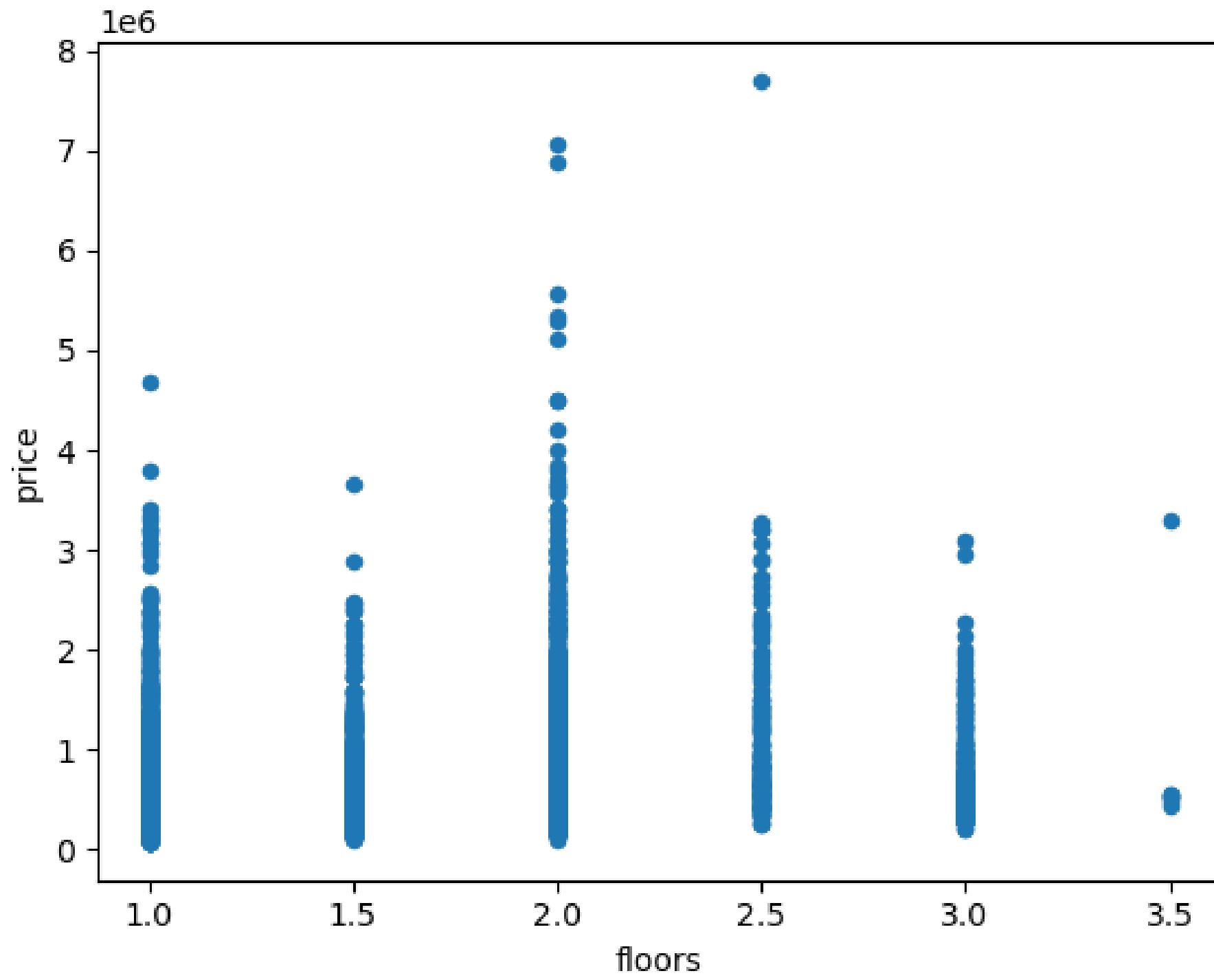
DATA ANALYSIS



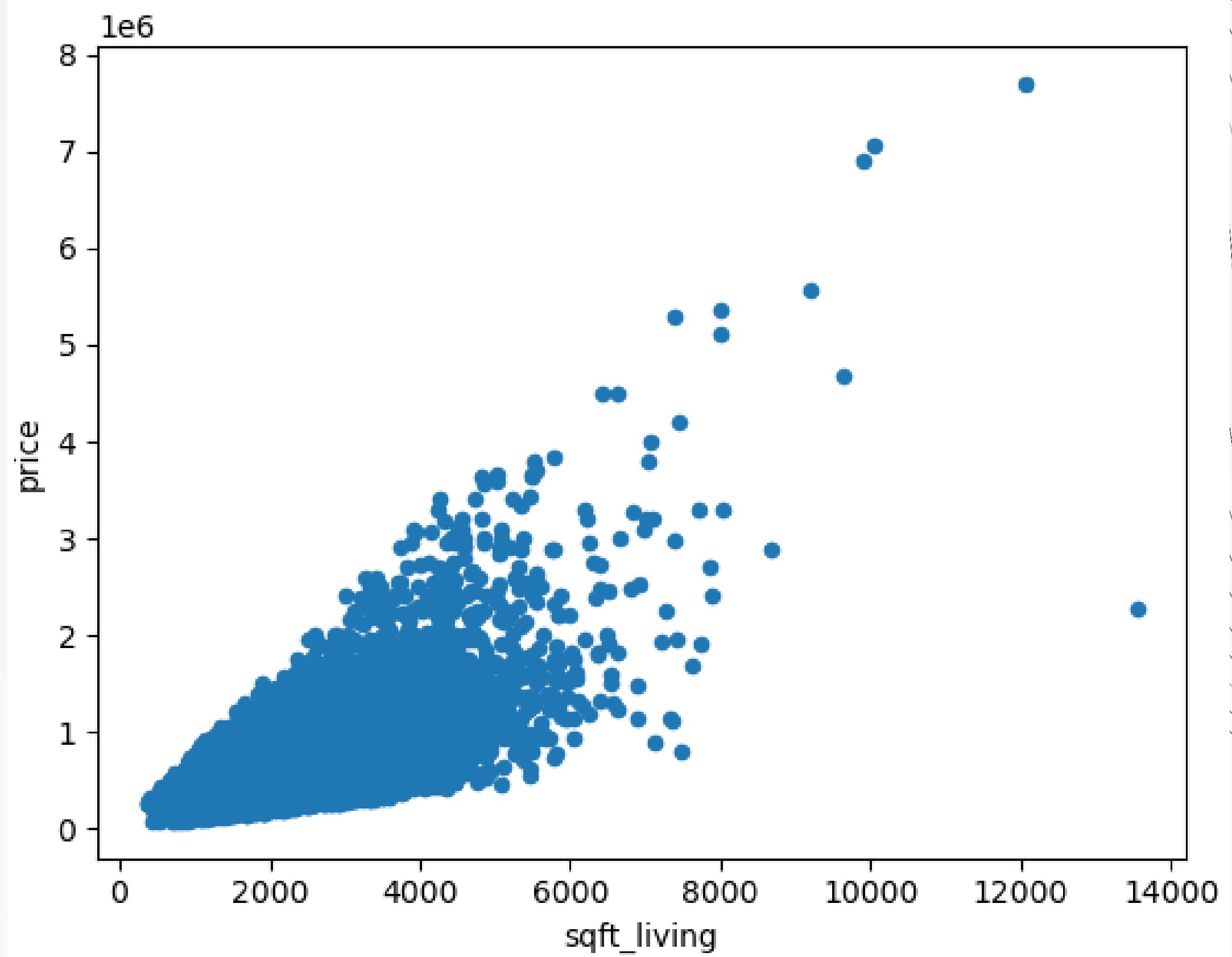
The scatter plot of the sqft_basement against the price shows that there is no linear relationship or any correlation.



The scatter plot of the floors against the price shows that there is no linear relationship or any correlation. Its not a necessity as long as the property is what they want

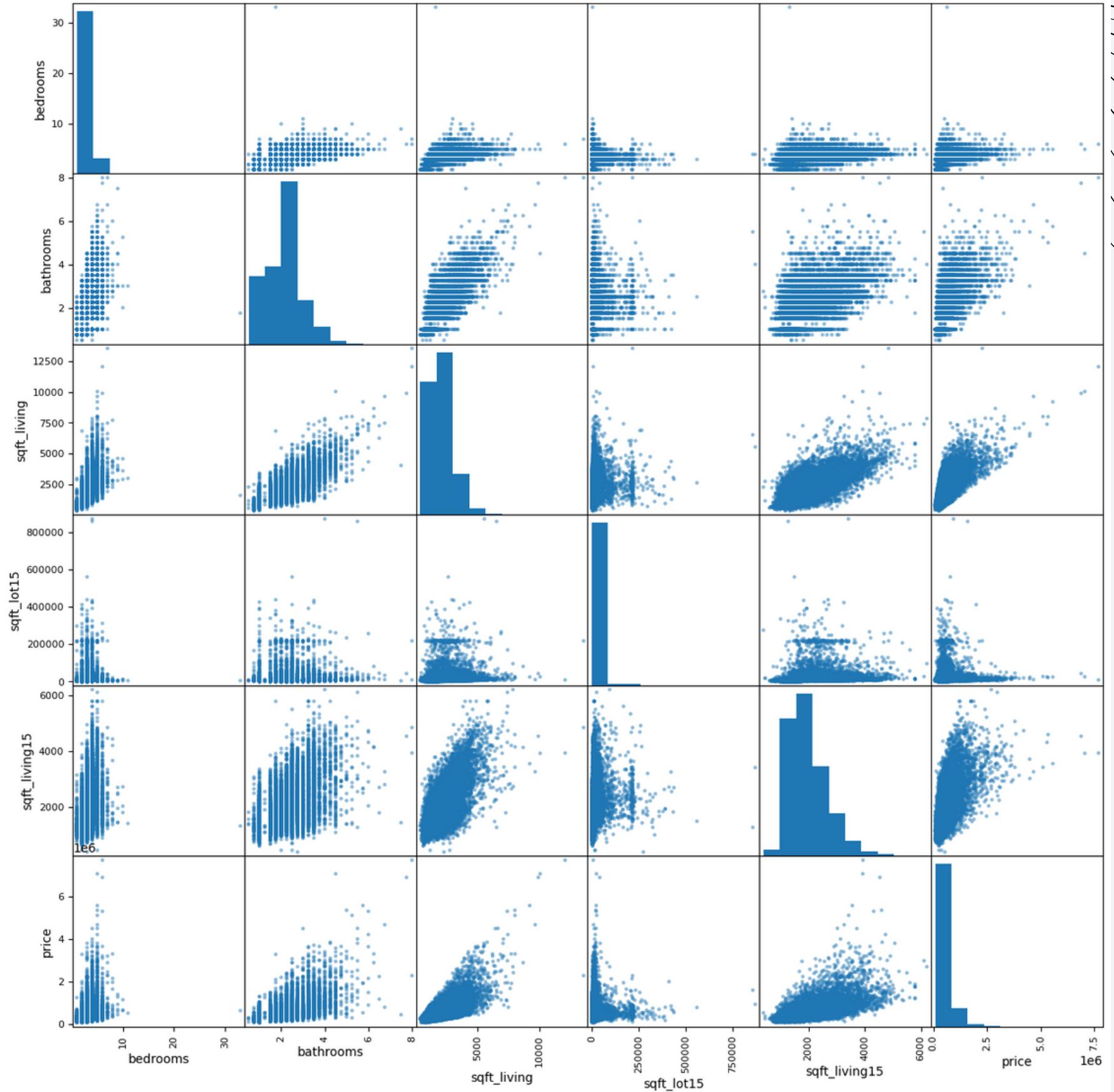


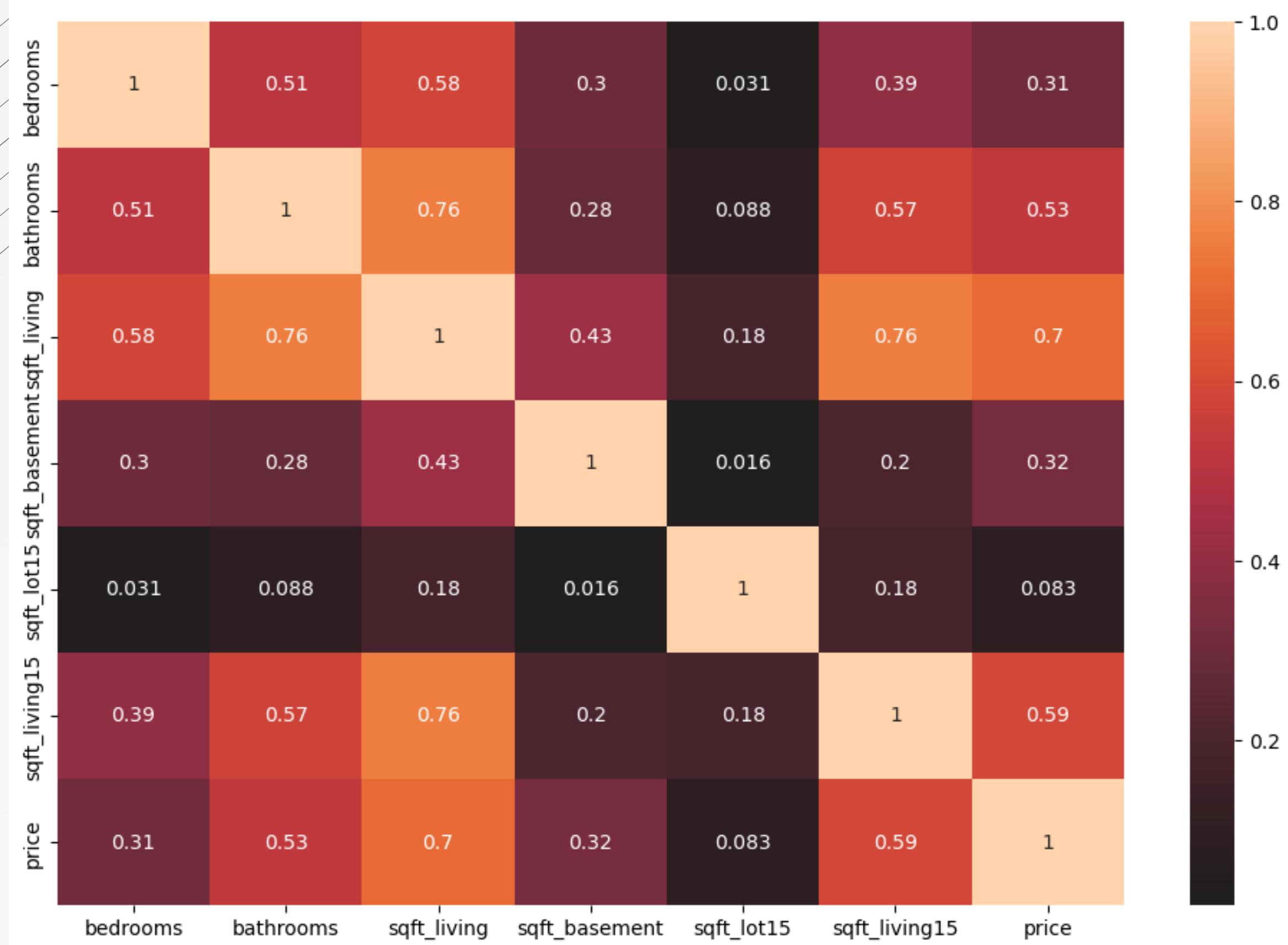
From the scatter plot we can see that there is a correlation between sqft_living and price which is really high. This means that there is a linear relationship.



MODELING

The scatter matrix plot shown, shows a correlation of different variables and the target variable which is the price





The heatmap shows the correlation between variables and the pricing but also shows the numbers that symbolize how high or low the correlation is.

CONCLUSION

1. The condition of the house greatly affects the pricing.
2. The number of bathrooms in a property should be at least/ if not match the number of bedrooms
3. The sqft_living highly affects the the pricing. Good sqft_living helps the sales go up.

RECOMMENDATION

1. Make sure to have enough bathrooms depending on the number of rooms that are in the property.
2. They should increase the size of the rooms instead of having many bedrooms which may be squeezed or small. You would rather have less room but with ample space if not spacious.
3. Kings County should build more two to four bedrooms. This is because most people are going for those number of bedrooms which means it can increase in price and sale.

ANY QUESTIONS?

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THANK YOU!

