HOUSE PRICE

MID BOOTCAMP PROJECT

BELMA SEN 28-04-2023

AGENDA

TOPIC INTRODUCTION

INSIGHTS

OUTLOOK

TOPIC INTRODUCTION

Topic
House Price Regression

- Dataset with > 20k properties

- General condition described with a grading / rating system

- Dates (sold/renovated/built)

- Price

- Sqft distributed on living, basement and lot

- Room types described in numbers

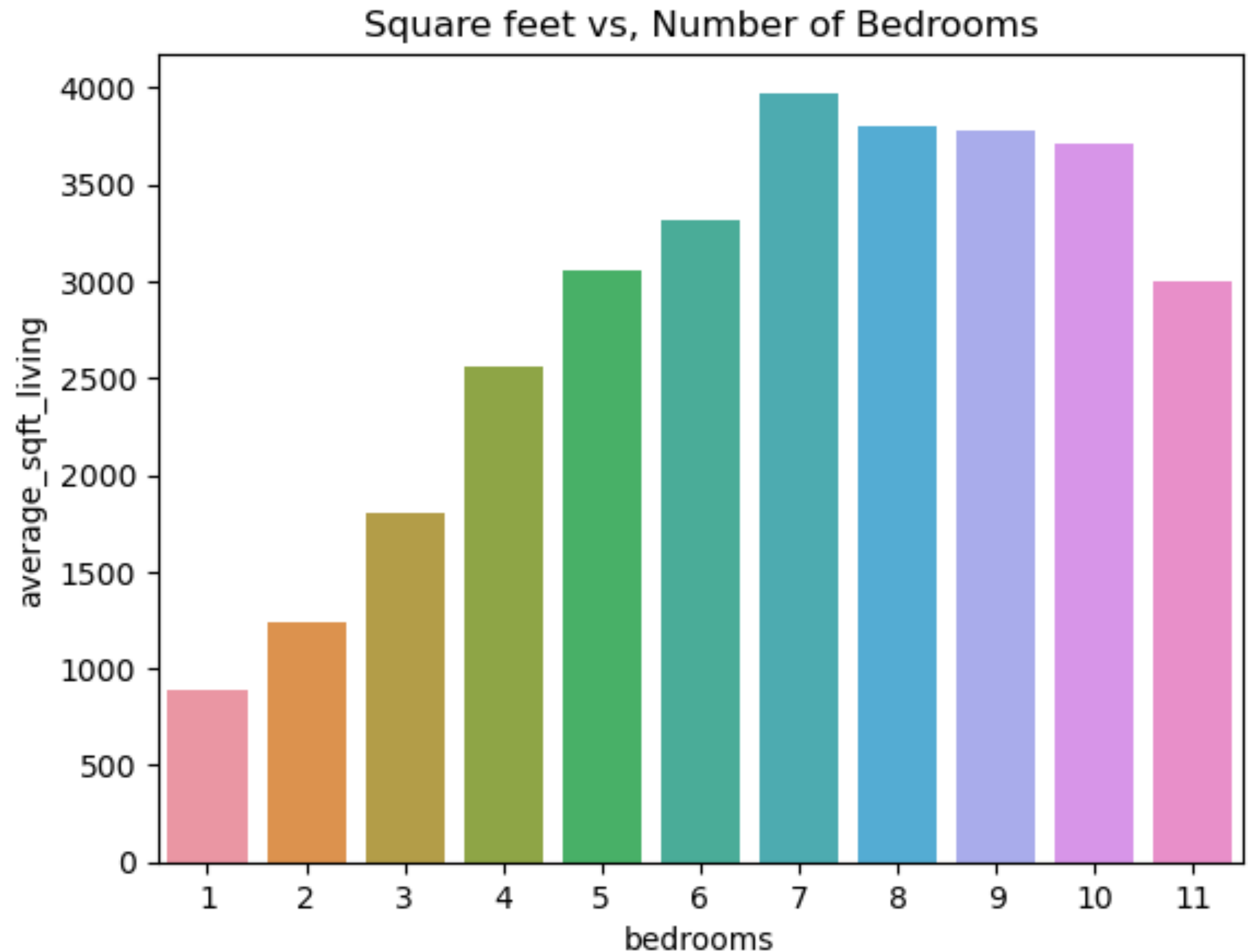- Location info

- Luxury features

INSIGHTS

Price vs Bedrooms

- The number of bedrooms is connected to the average price of the property

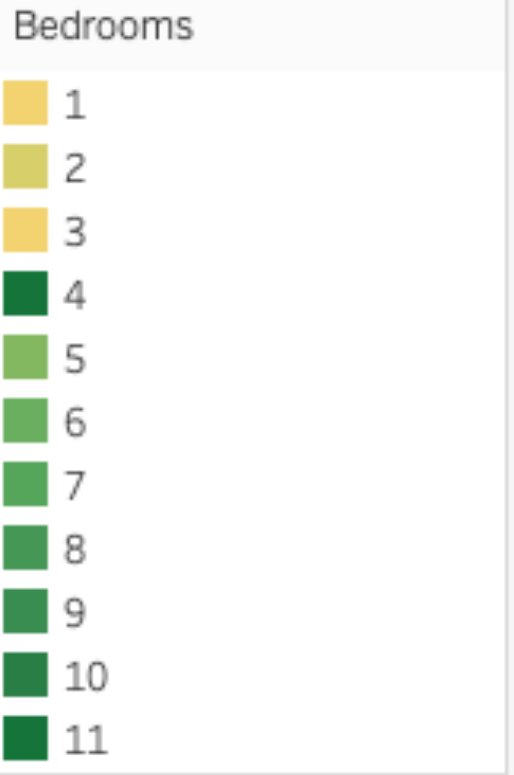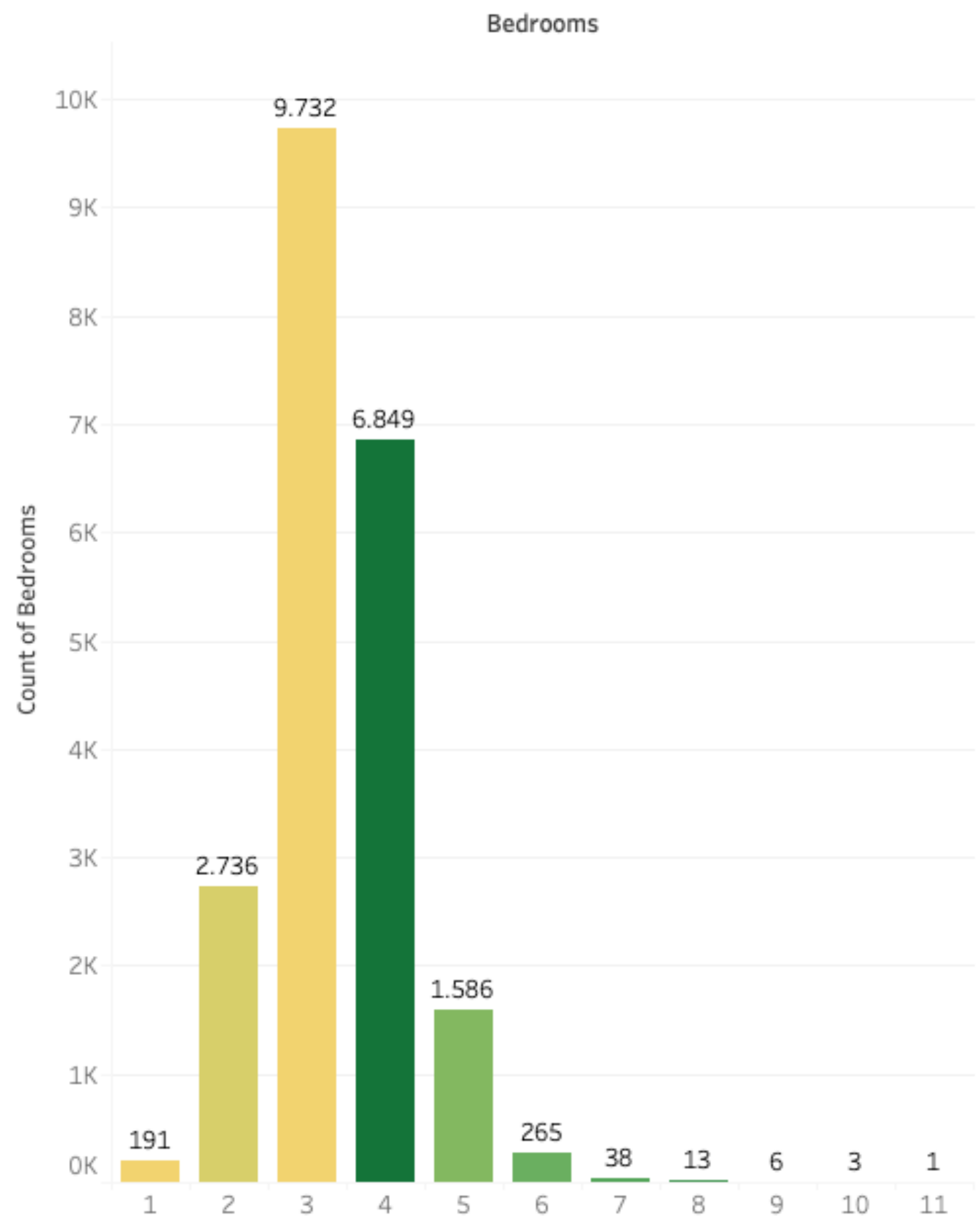- The more bedrooms, the higher the price
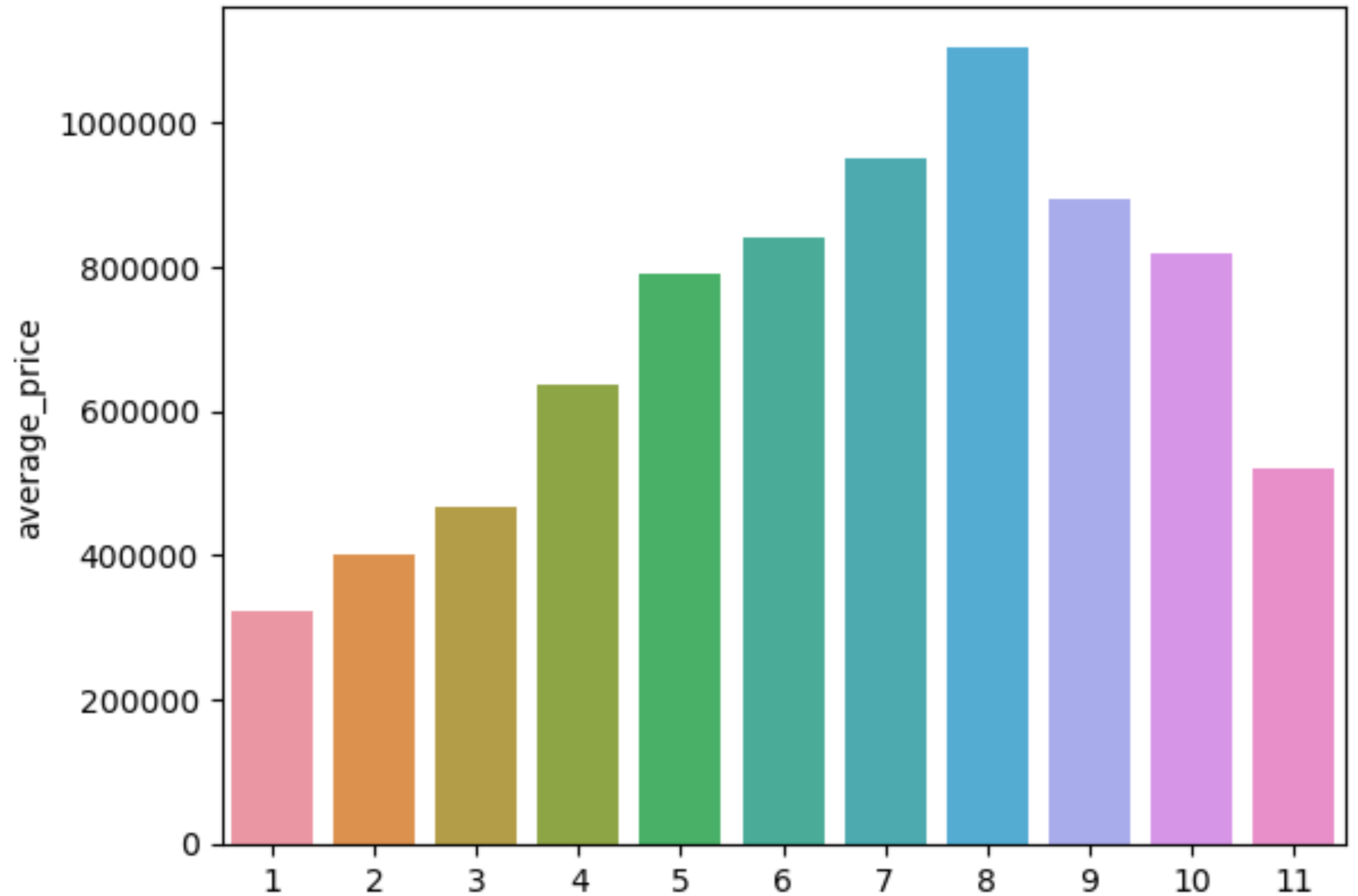
Price vs Bedrooms

- The greater the sqft are, the more the bedroom number increases

- Peak is around 7/8 bedrooms

Square feet vs, Number of Bedrooms

Sales by bedrooms

- The most popular bedroom number is 3

Frequency of values
Most frequent numbers of bedrooms

Number of bedrooms	Counts
3	9732
4	6849
5	2736
6	1586
7	38
8	13
9	6
10	3
11	1

Insights On Year Built

Years in Bins

- A = 1900 - 2000

- B = 2000 - 2010

- C = 2010 - 2015

Insights On Property with Waterfront

Dashboard

- Properties with Waterfront have higher average price range
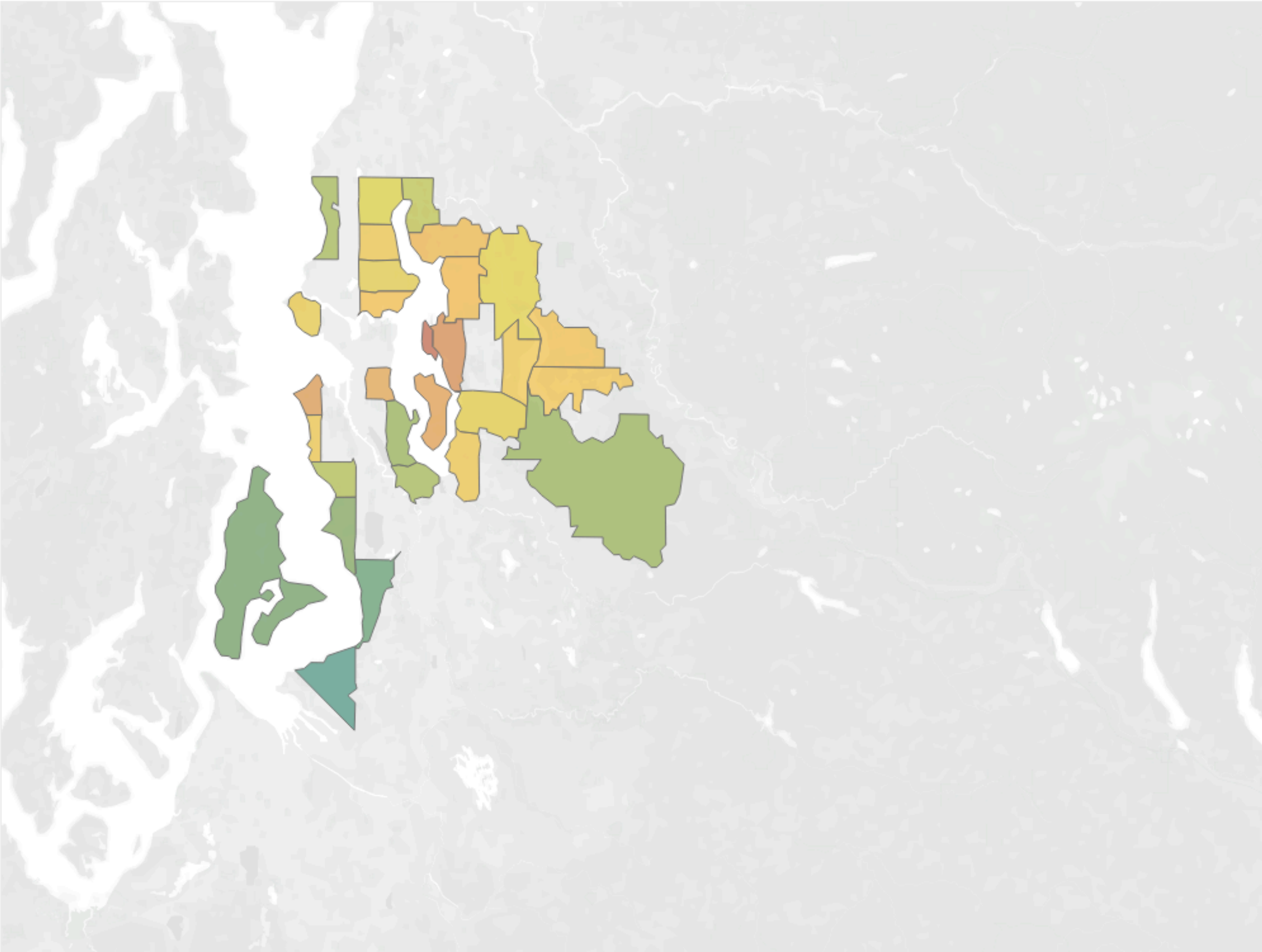
For more insights visit
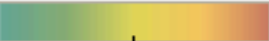[Tableau Workbook](#)

OUTLOOK

OUTLOOK

What else

- Scaling and transforming to make predictions on house prices

  - In relation to area

  - In relation to size of propoerty

  - In relation to its location

- Interesting, to look into trends of how the type of property built changed over year

Thank you for paying attention!