

HOUSE PRICE

MID BOOTCAMP PROJECT

BELMA SEN 28-04-2023

AGENDA

TOPIC INTRODUCTION

INSIGHTS

OUTLOOK

TOPIC INTRODUCTION

Topic

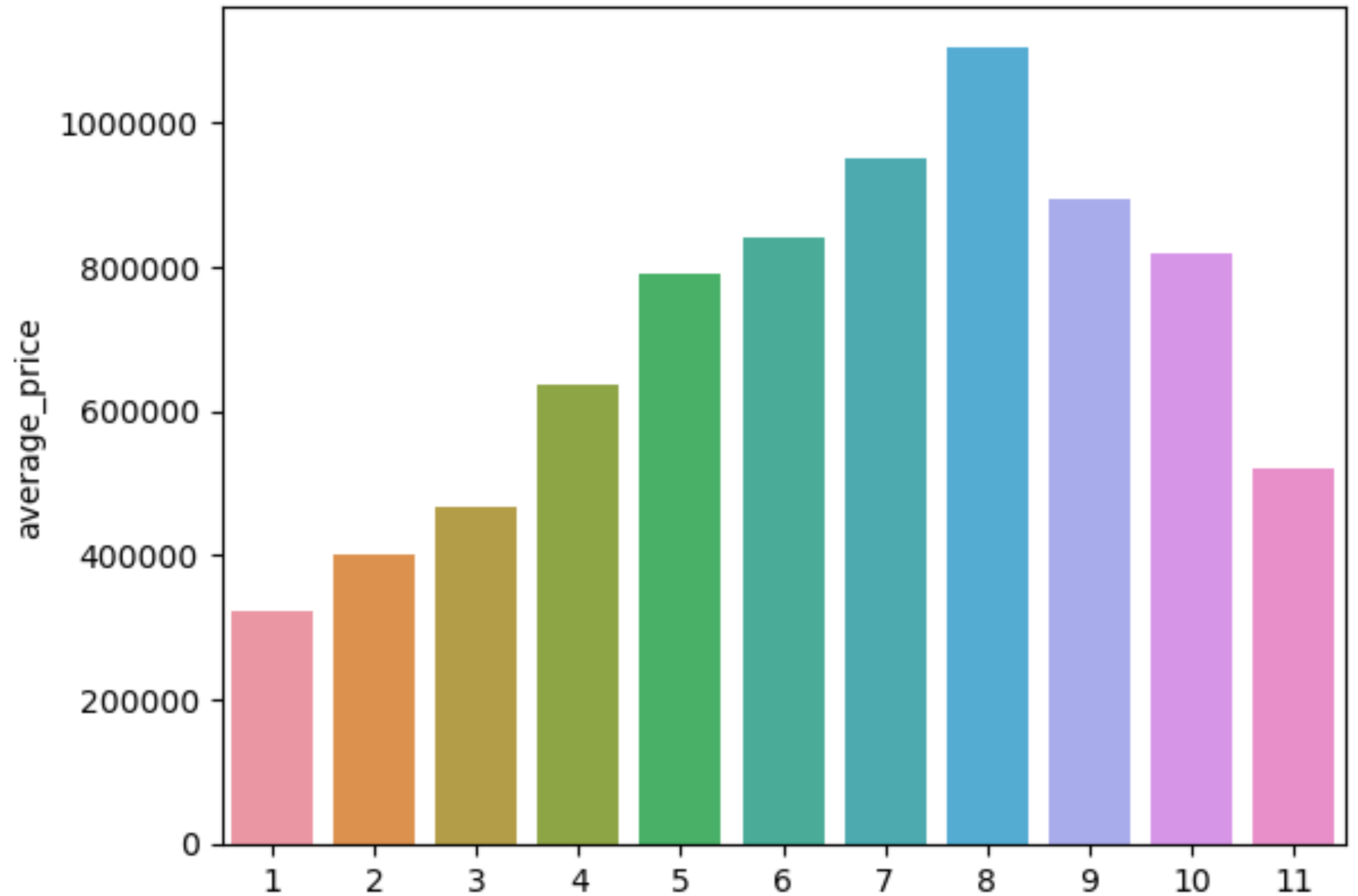
House Price Regression

- Dataset with > 20k properties in Seattle
- General condition described with a grading / rating system
- Dates (sold/renovated/built)
- Price
- Sqft distributed as living, basement and lot
- Room types, expressed in numbers
- Location info
- Other categorical attributes

INSIGHTS

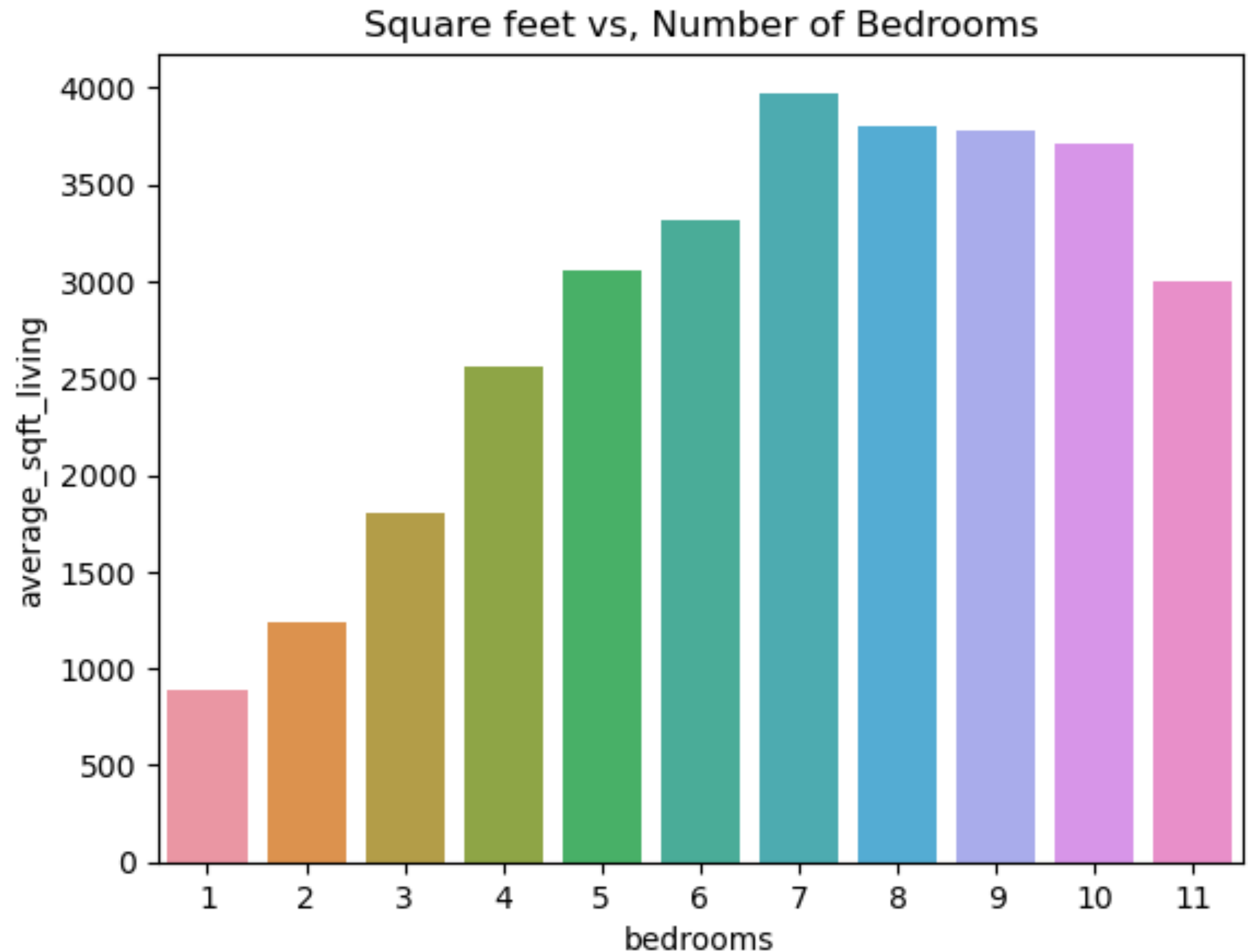
Price vs Bedrooms

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



Number of Bedrooms vs Sqft

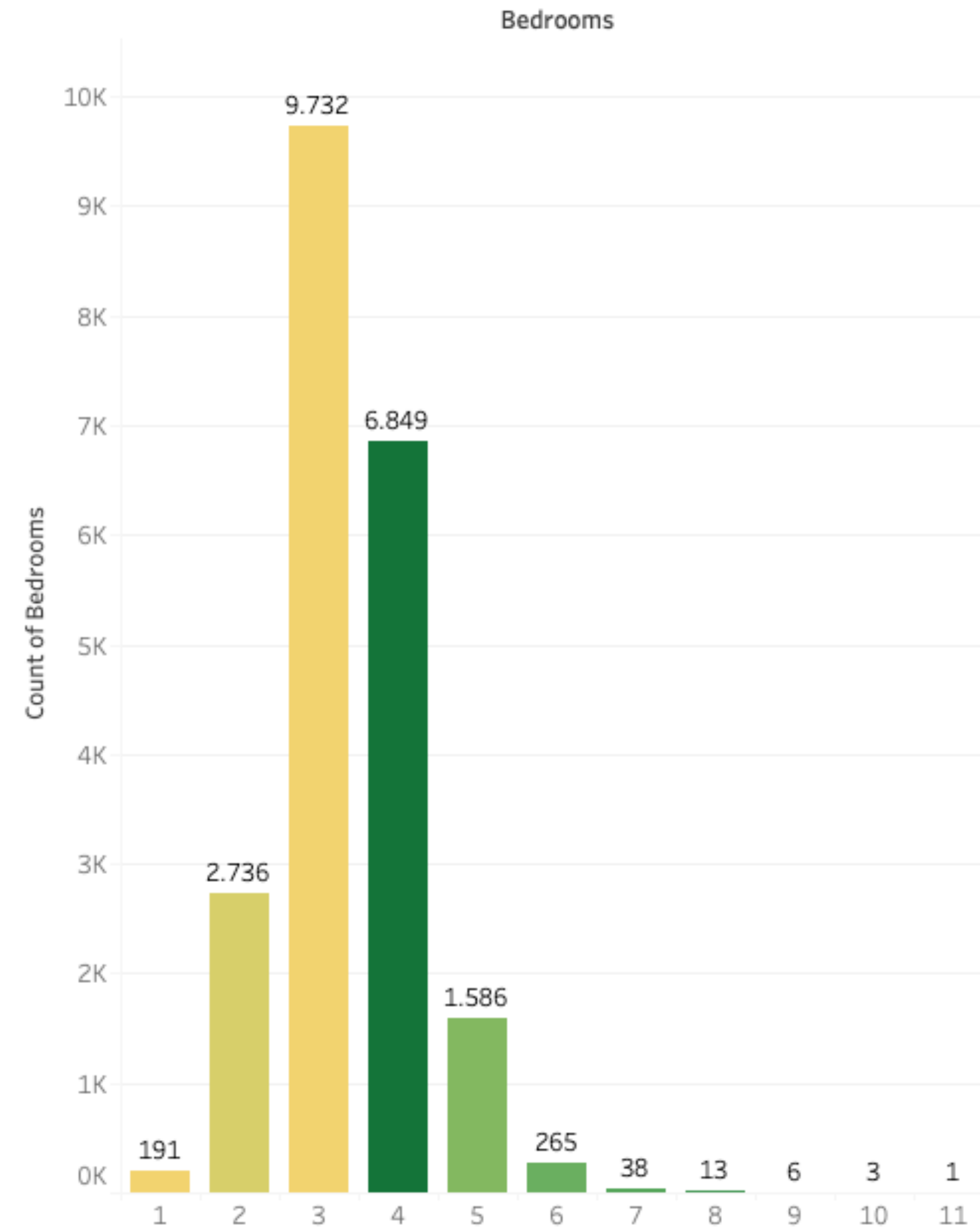
- The greater the sqft are, the more the bedroom number increases
- Peak is around 7/8 bedrooms



Sales by bedrooms

- The most popular bedroom number is 3
- Then 4 bedroom

Sales vs. Number of Bedrooms



Insights On Year Built

Years in Bins

- A = 1900 - 2000
- B = 2000 - 2010
- C = 2010 - 2015

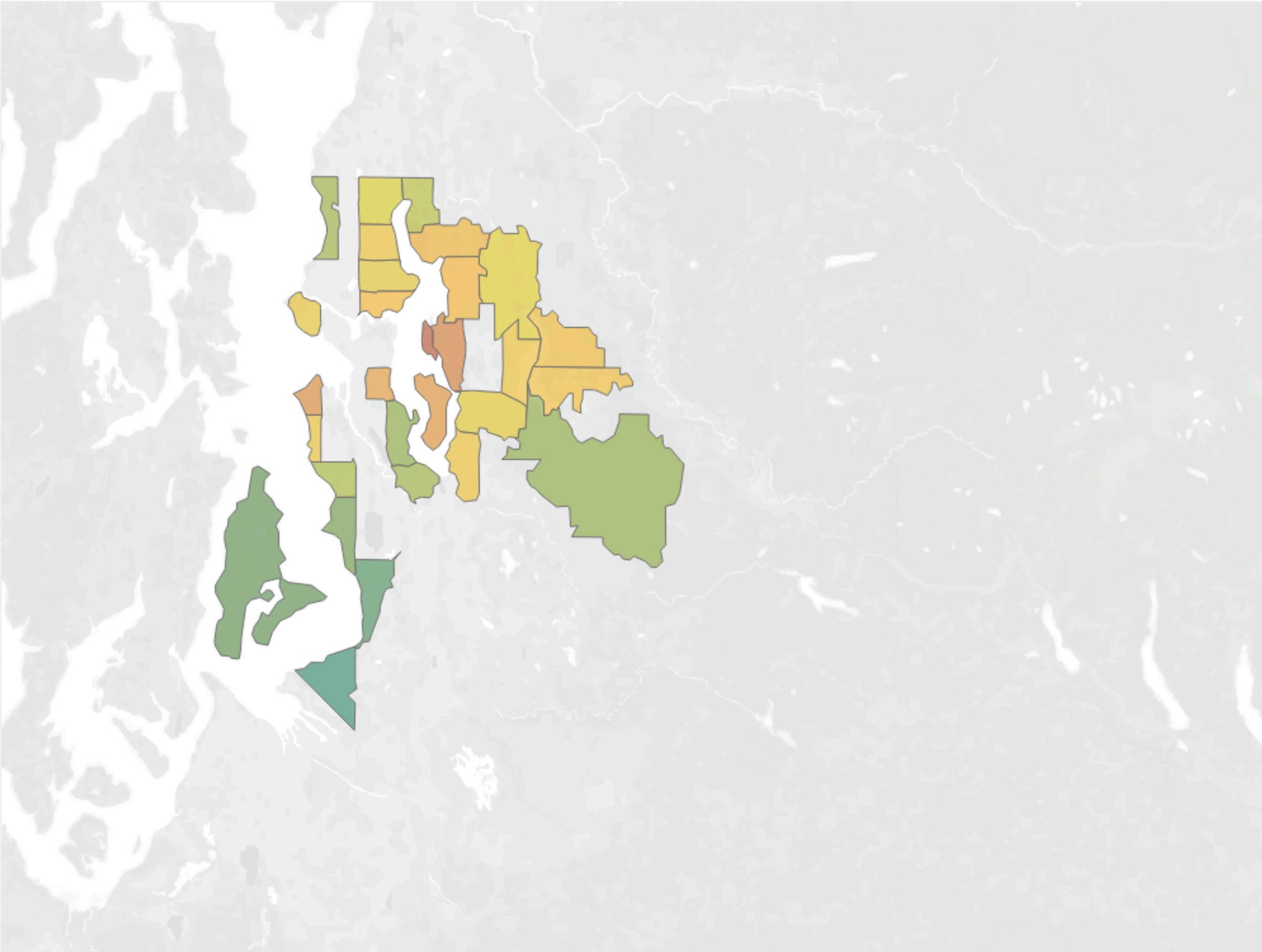



Insights On Property with Waterfront

Dashboard

- Properties with Waterfront have higher average price range

Interactive Info Map



Waterfront 

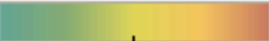
☐ (All)
☐ 0
☒ 1


PropSize

☒ (All)
☒ 1000-3000 sqft
☒ 3000-5000 sqft
☒ Greater than 5000 sqft
☒ Less than 300 sqft

Price > 650k

☒ (All)
☒ False
☒ True

Avg. Price / sqft
270.1  753.6

Price Range
78000  7700000

**For more insights visit my
Tableau Workbook**

OUTLOOK

OUTLOOK

What else?

- Scaling and transforming to make predictions on house prices
 - In relation to area
 - In relation to size of property
 - In relation to its location
- Interesting, to look into trends of how the type of property built changed over years

Thank you for your attention!