

# REAL STATE

EDA Project

Client:  
Bonie Bowie

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Has house and wants to  
move soon, but wants  
high profit in a  
middle class  
neighborhood

---Add Intro or DB  
overview slide---

# Quick data cleaning overview

## FIXED DATA TYPES

Dates, integers, floats.

## CHECKED FOR DUPLICATES

It was surprisingly clean!

## HANDLED MISSING DATA

4 columns had minor fixes.

## STANDARDIZED FORMATS

Removed unnecessary  
decimals (eg. bathrooms)

## REMOVED OUTLINERS

For example, house with 33  
bedrooms.

# 3 Hypothesis

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01 Houses in better condition will have a higher price.

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02 Houses in suburbs have a higher price.

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03 The more number of bathrooms, the higher the price gets.

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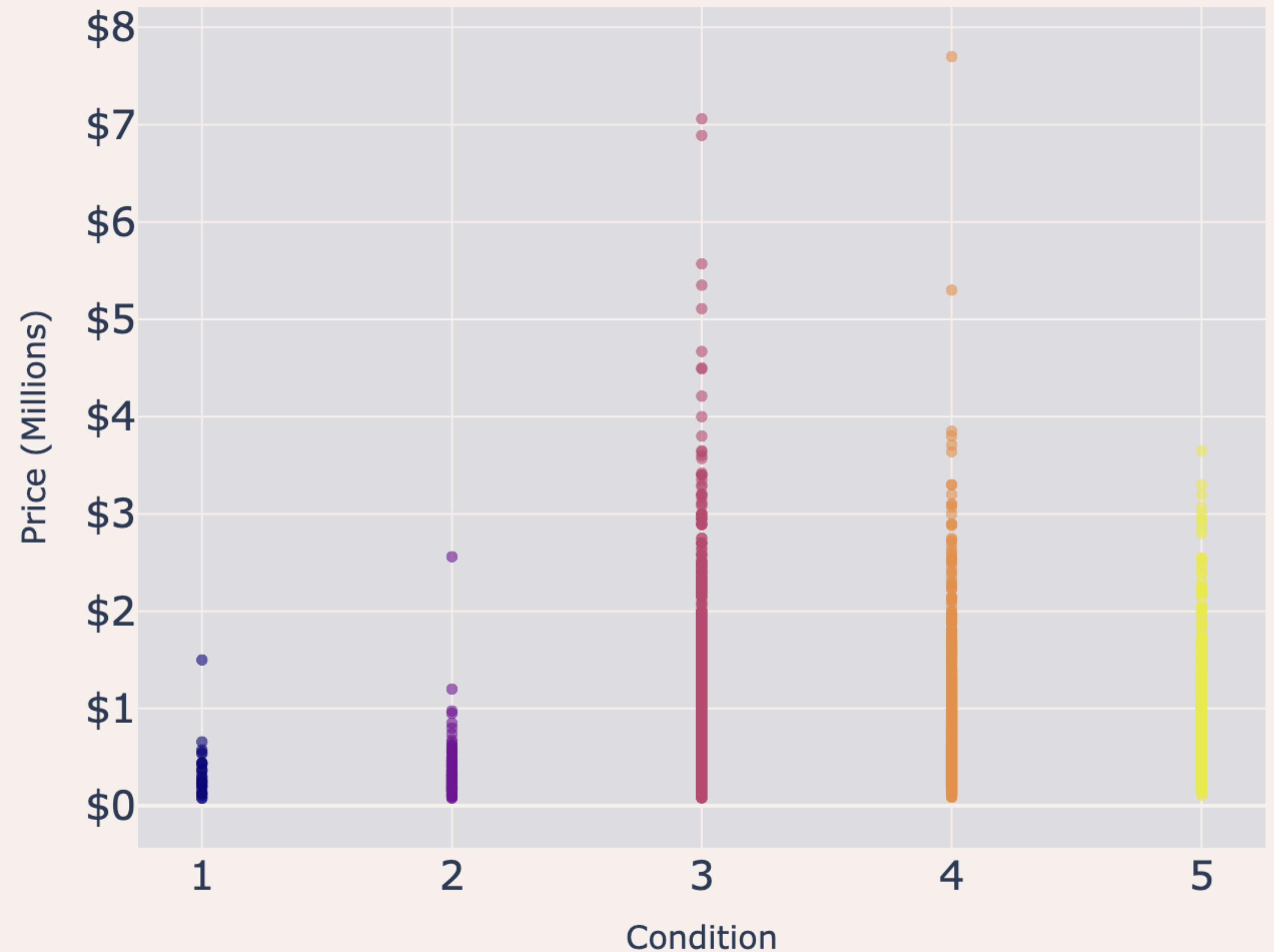
01

Houses in better condition will have a higher price.

Not really ( $\approx 0.04$ )

04

House Price vs Condition



# Some suburbs considered

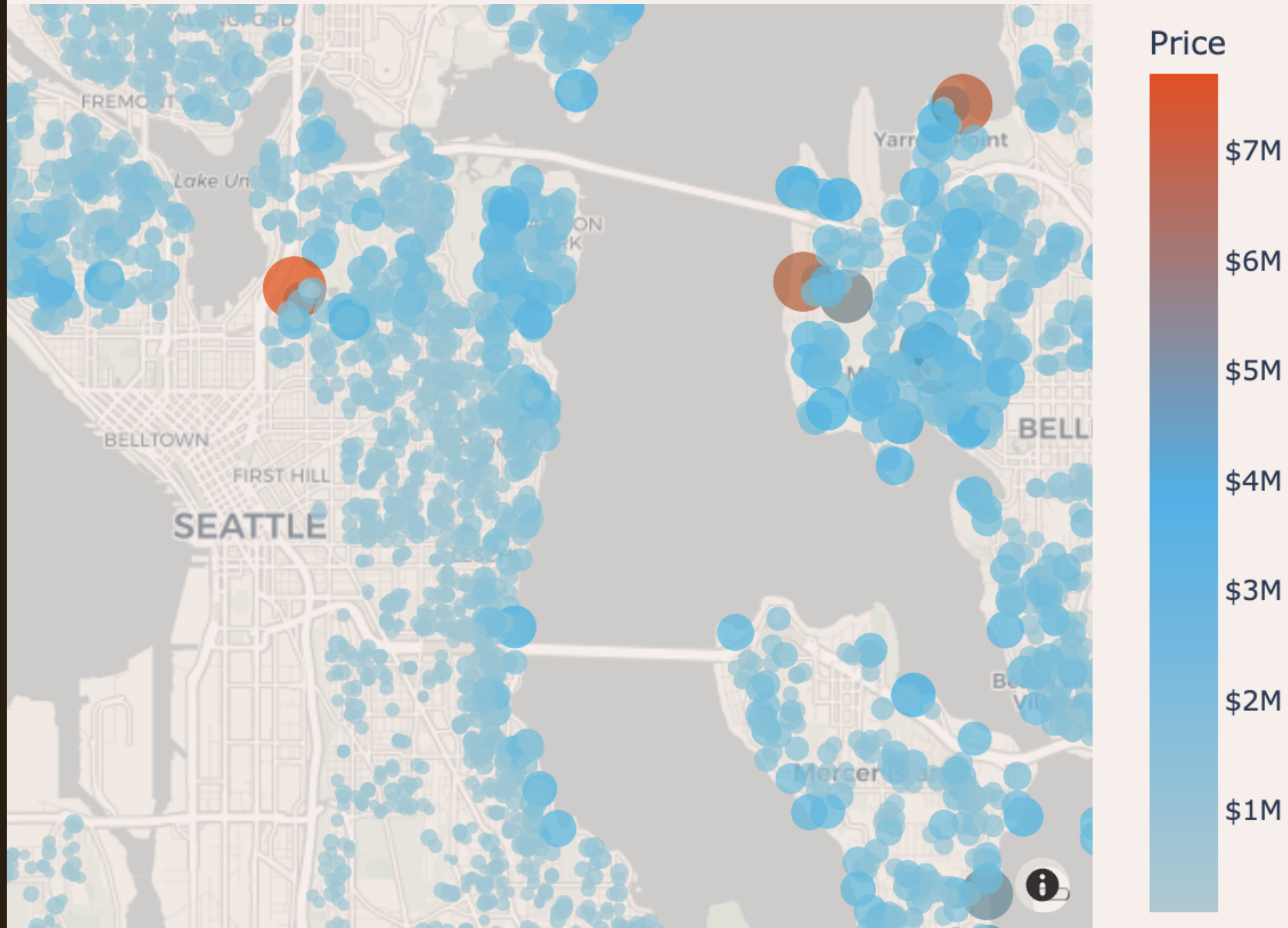
- 
- Bellevue
  - Medina
  - Mercer Island
  - Kirkland
  - Juanita
  - Redmond
  - Sammamish / Redmond Ridge



02

Houses in suburbs  
have a higher  
price.\*

Somewhat true  
( $\approx 0.33$ )



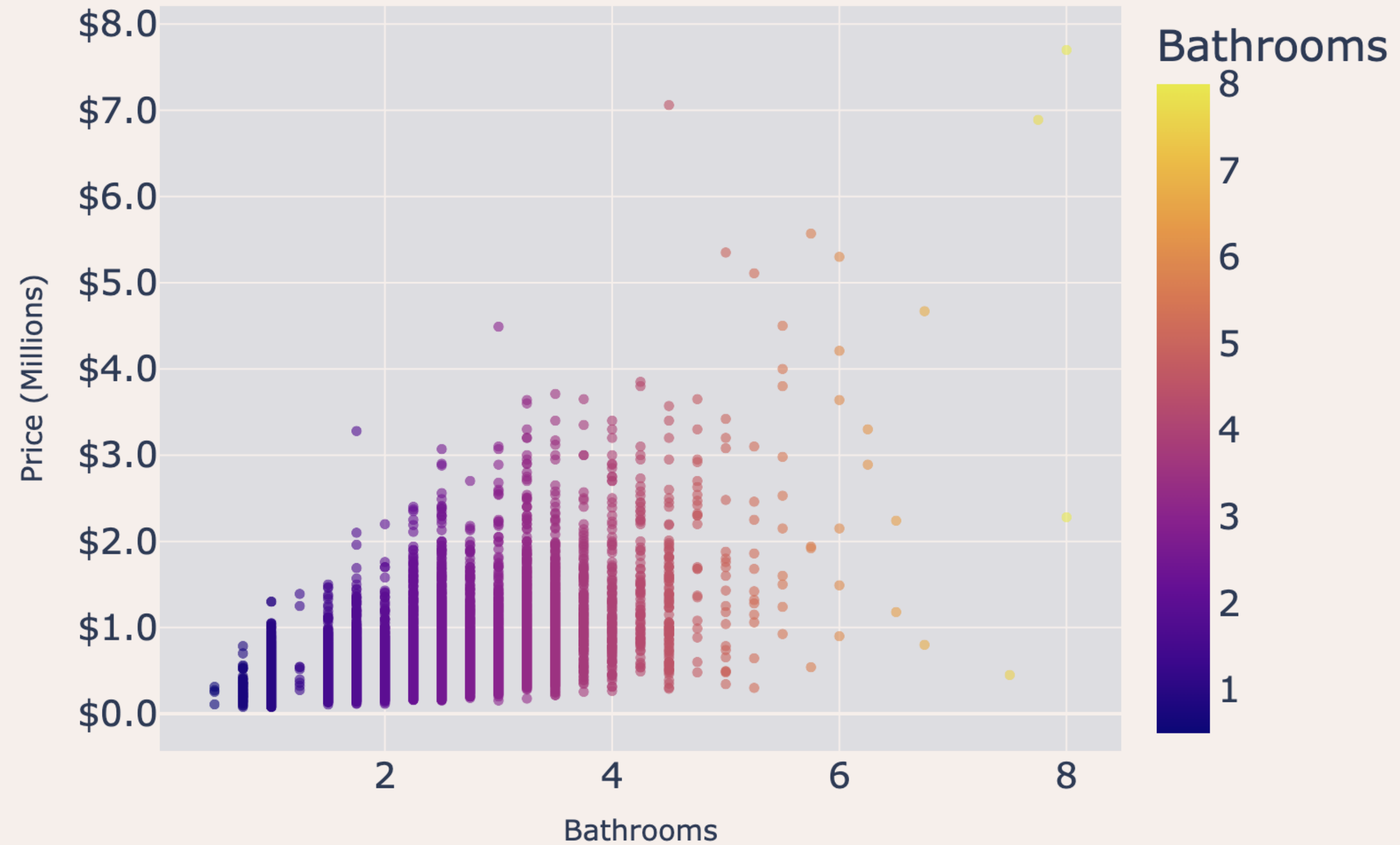


03

The more number of  
bathrooms, the  
higher the price  
gets.

True ( $\approx 0.52$ )

House Price vs Number of Bathrooms



# Findings

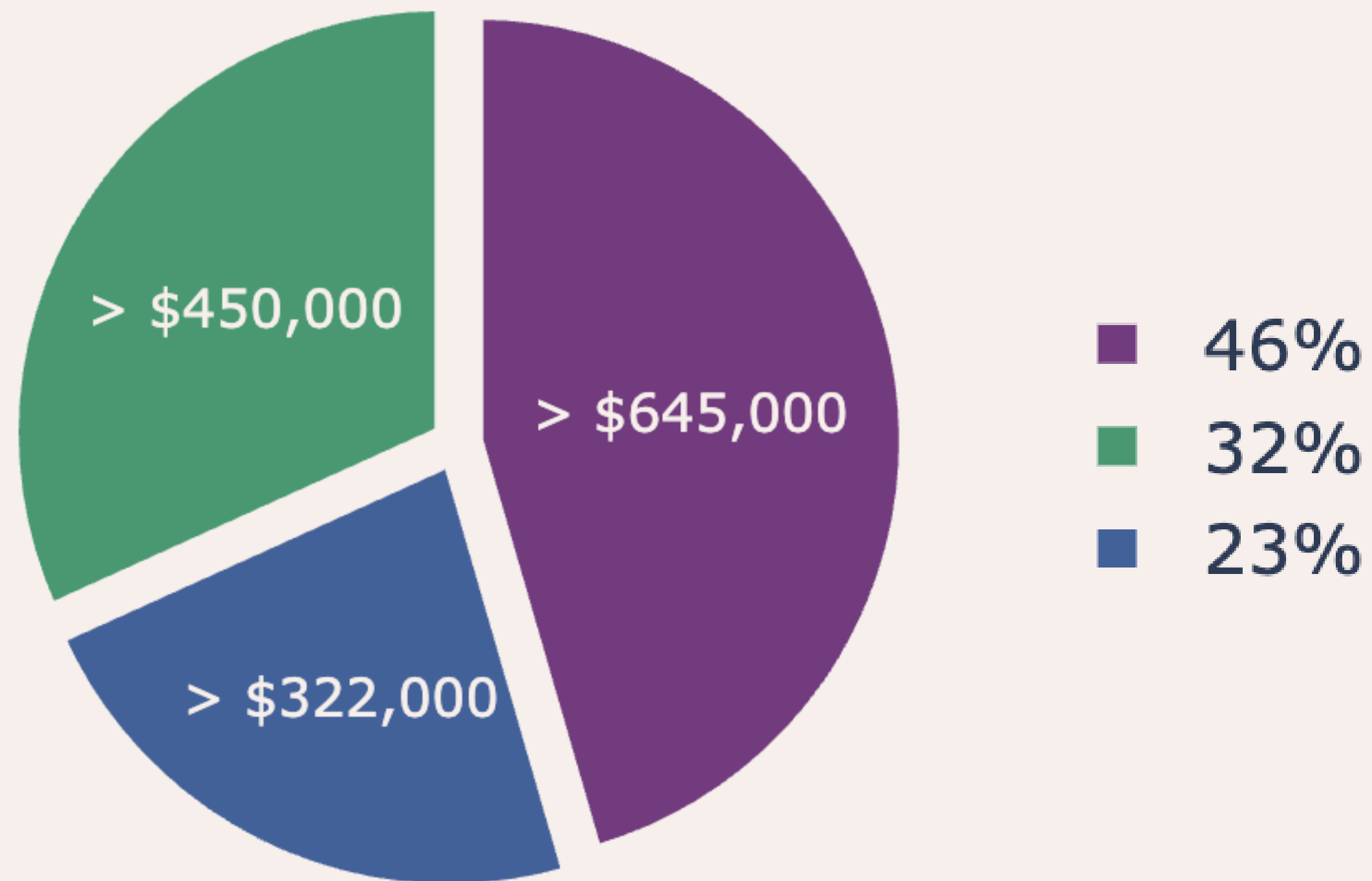
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Target price range:

- **\$450k–\$645k**

(above median, middle-class friendly)

Prices in Middle-High Neighborhoods



# Our suggestions

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## **Best neighborhoods :**

- 98122 → Central District
- 98115 → Wedgwood
- 98116 → West Seattle

THANK YOU

EDA Project

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