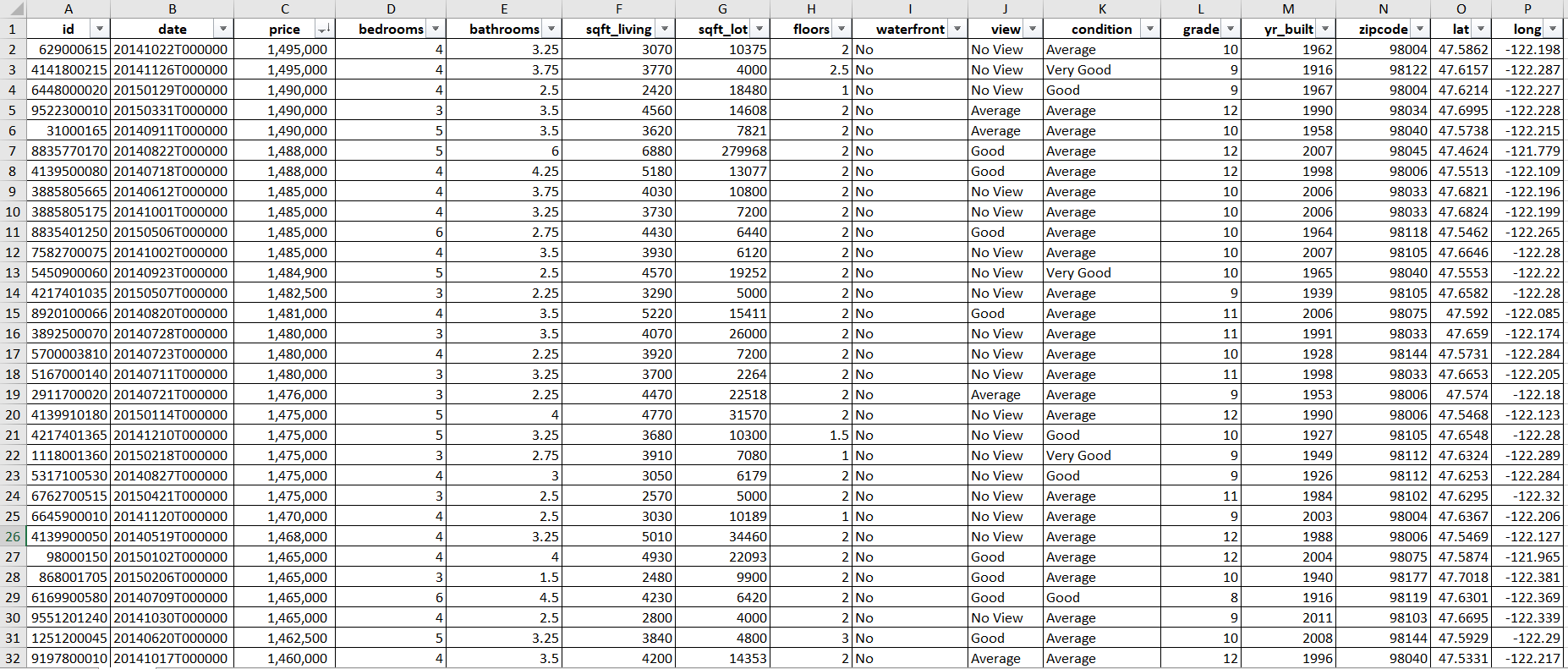
# INTRODUCTION

This data visualization project explores the Washington state housing market through an interactive Tableau dashboard. The objective is to gain insights into factors influencing house sale prices across the state. Utilizing a dataset containing house sales information for Washington, the project analyzes details like price, square footage, number of bedrooms and bathrooms, and property characteristics. The interactive dashboard allows users to explore trends and patterns in the data across various facets.

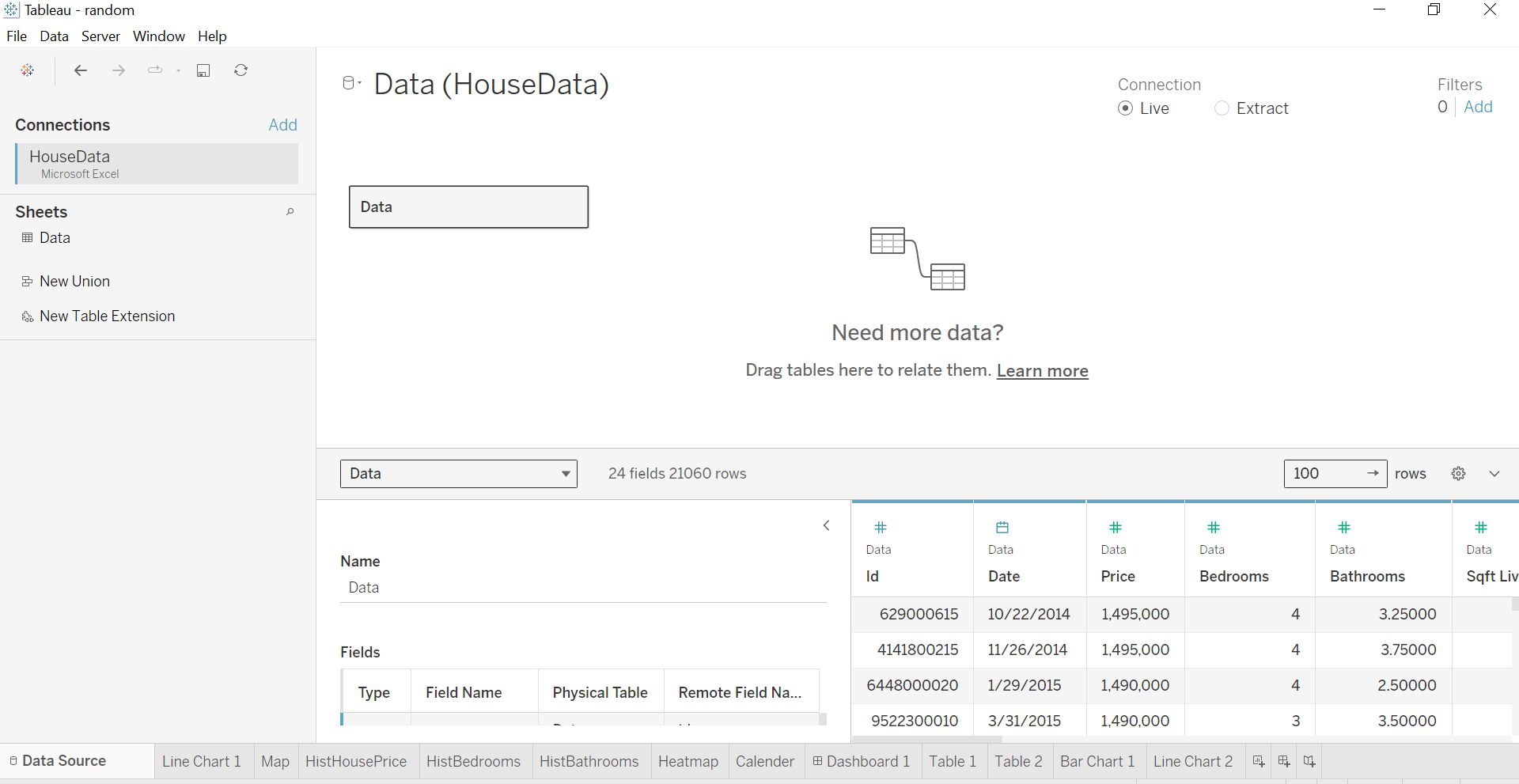
Dataset Name: House sales Dataset

Dataset Reference Link: <https://1drv.ms/x/s!Aq7N_1DshPXkhn93KXSJixd_OiI3?e=StybfD>



# **PROCEDURE**

* Upload the data to tableau



* Questions and output

1. Analyze the trend of the daily house sales price.

A graph on a white background

Description automatically generated

1. What is the average price of houses in every area from our housing price dataset?

A map of the united states

Description automatically generated

1. How are house prices distributed across different price brackets?.

A screenshot of a graph

Description automatically generated

1. Evaluate the distribution frequency of bedrooms and bathrooms

A graph of a graph

Description automatically generated with medium confidence

A graph of a bar graph

Description automatically generated with medium confidence

1. Create a view vs condition heatmap for the average price of each house.

A screenshot of a computer

Description automatically generated

1. Build an automatic calendar based on days and dates.

A screenshot of a computer

Description automatically generated

1. At what point in a house's lifespan does its price tend to be the lowest?

A graph with lines and text

Description automatically generated with medium confidence

* **DASHBOARD**

A screenshot of a computer

Description automatically generated

# **CONCLUSION**

The dashboard serve as a powerful tool for presenting our analysis and insights effectively, enabling stakeholders to gain a deeper understanding of the house pricing dataset and make informed decisions based on the findings.