Business Question and Visualization Report

Date	20 March 2025
Team ID	LTVIP2025TMID25127
Project Name	Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau
Maximum Marks	5 Marks

Sample

1. How does the age of a house impact its sale price?

Visualization : Line chart to see overall trends over time, showing if house prices drop as they age.
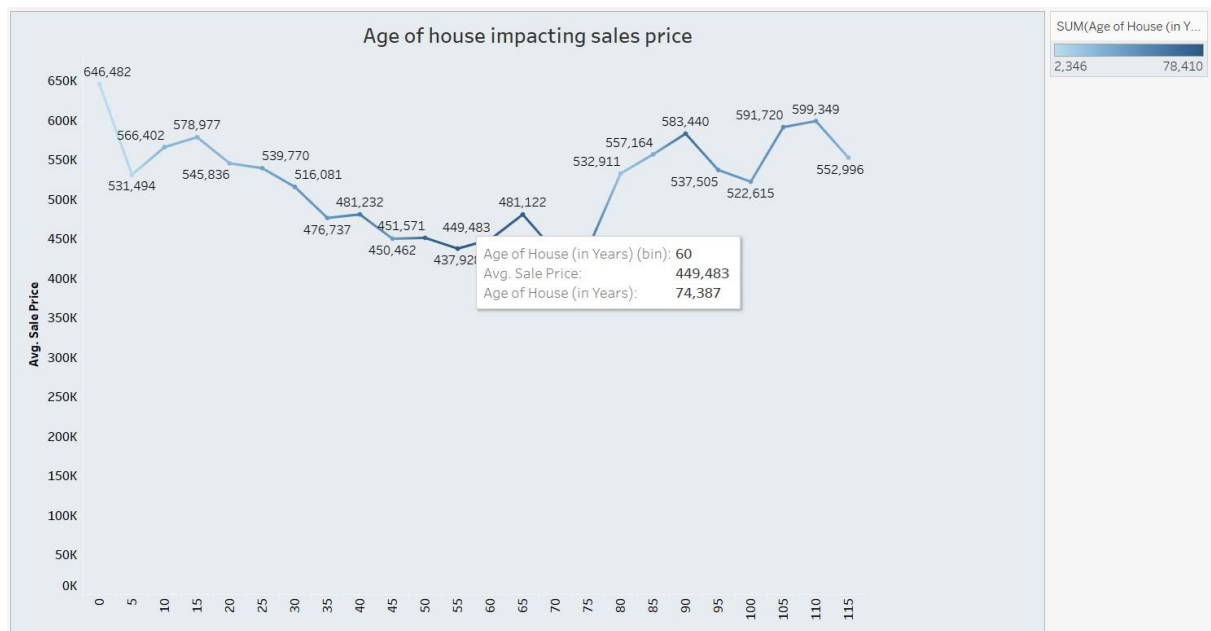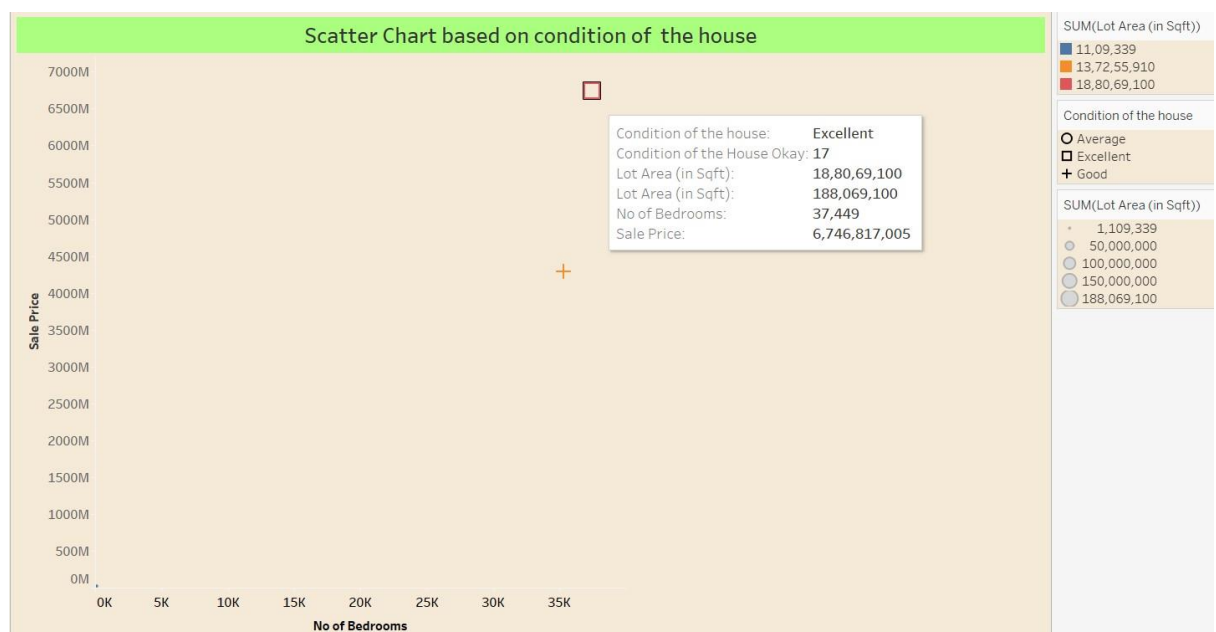

2. Do renovated houses sell for higher prices than non-renovated ones?
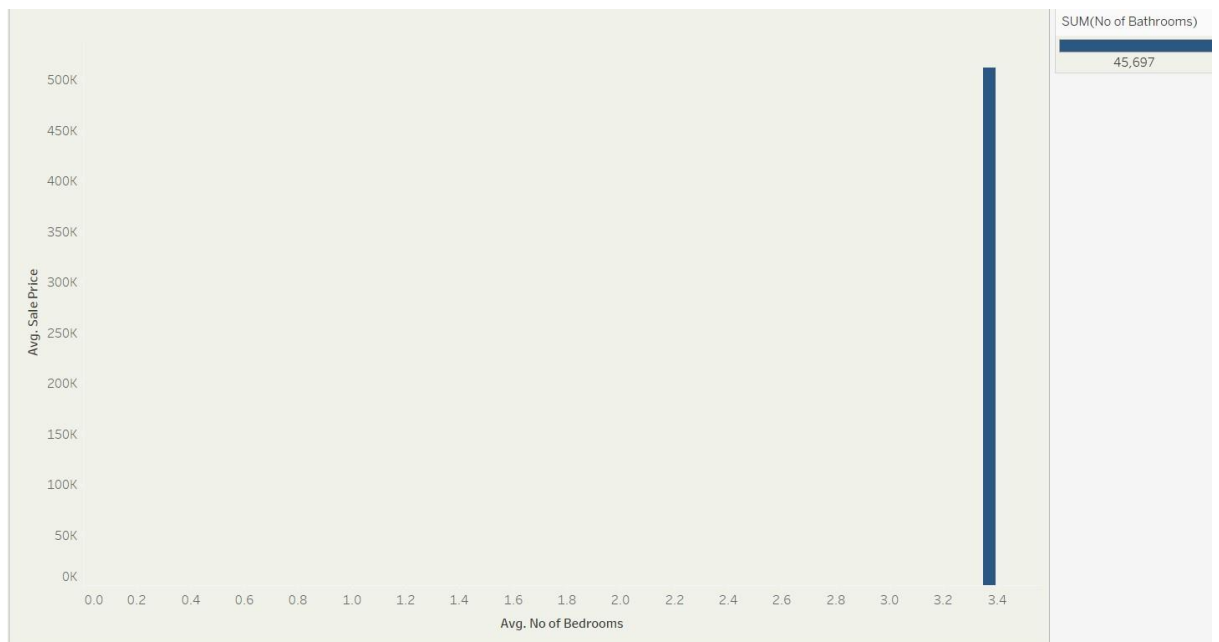
Visualization : Bar Chart

3. How does the condition of a house affect its sale price?

   Visualization: Scatter plot shows how sale prices fluctuate across different house conditions.

4. What is the relationship between the number of bedrooms/bathrooms and the sale price?

   Visualization : Bar Chart

5. Does a Living area after renovation significantly increase a house's value?

Visualization : Bar Chart showing the relationship between Living area and Sales Price

Bar Chart showing the relationship between Living area and Sales Price

Living area after renovation 2: **Large**
Avg. Sale Price: 770,116
Sale Price: 3,420,856,039

6. Which zip codes have the highest and lowest average sale prices? Visualization :
bar chart of zip codes and sales prices

Sheet 10
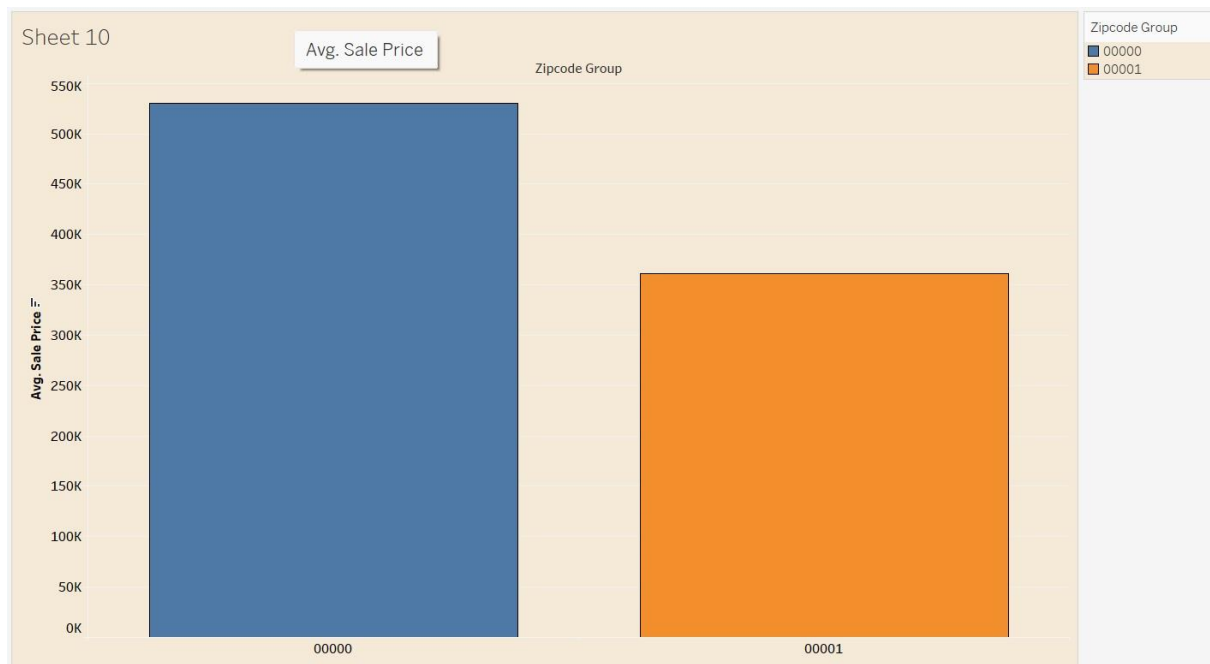
7. How does the overall grade of a house influence its price?

   Scatter Plot visualization showing the count of overall grade and it's sales price

Count of Overall Grade: 21,609
Overall Grade: 1,64,736
Sale Price: 11,055,565,423

SUM(Overall Grade)

1,64,736

8. What is the impact of lot area and living area on the house price?

Living Area after Renovation (in Sqft): **42,927,429**
Lot Area (in Sqft): **326,434,349**
Sale Price: **11,055,565,423**

SUM(Sale Price)
11,055,565,423