



Transformed Housing Market Analysis Dashboard

Team ID : PNT2025TMID08397

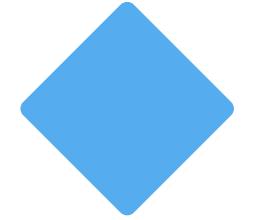
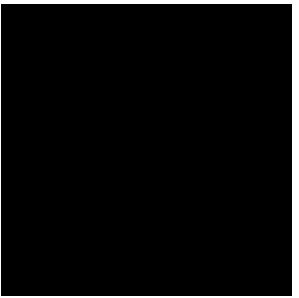
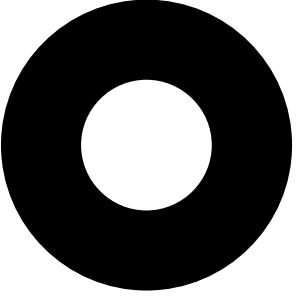
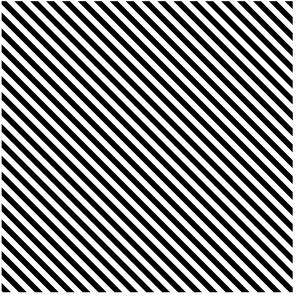
Team Size : 4

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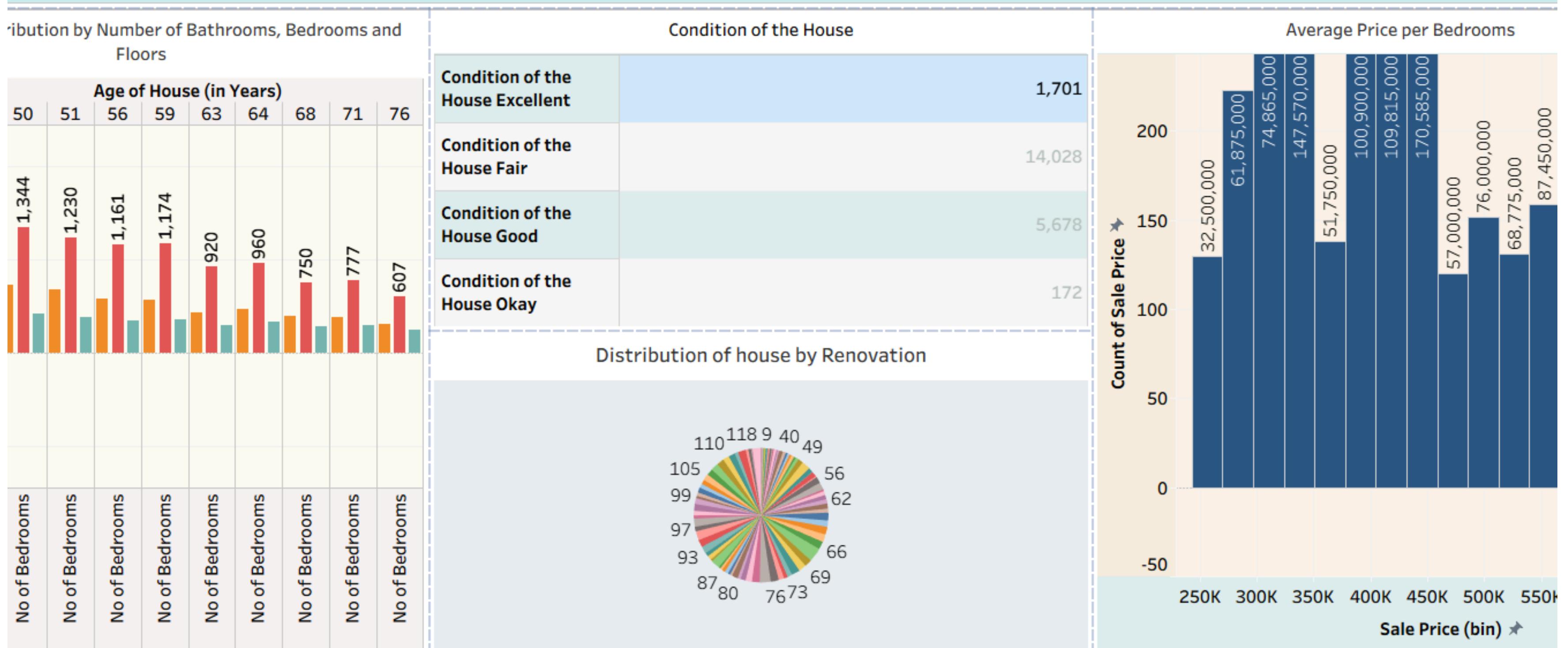
Project Introduction:

This project presents a comprehensive analysis of the housing market using a transformed dataset of 21,609 property records. The dashboard focuses on key attributes such as house age, renovation status, condition, sale price, water views, and the relationship between house features (like bedrooms and bathrooms) and their market performance. The goal is to uncover insights that could guide real estate stakeholders in pricing, renovating, or investing in residential properties.

◆ Project Title:

Transformed Housing Data Analysis Dashboard

med_Housin..	Avg. Sale Price	Count of Years Since Renovati..	Renovated Houses	WaterView	Condition of the House Excell..	Area of the I
21,609	511,619	21,609	4.23%	75.43%	1,701	



Dashboard Insights & Analysis:

General Summary:

- **Total Transactions:** 21,609
- **Average Sale Price:** \$511,619
- **Renovated Houses:** Only 4.23% of homes were renovated.
- **Water View Homes:** A high 75.43% of homes had water views.
- **Total Area Covered:** 38,643,798 square feet.

Condition of the House:

- Majority of homes were rated as Fair (14,028), followed by Good (5,678).
- Only 1,701 homes were in Excellent condition.
- Very few homes (172) were in Okay condition.

Insight: The data indicates most homes fall between fair and good condition, highlighting a potential opportunity for value-adding renovations.



Sale Price Distribution:

- Sale prices peak around \$350K to \$450K, with the highest sale count in the \$400K-\$450K range.
- There's a gradual drop in count for prices above \$500K.

Insight: Mid-range homes dominate the market, appealing to average buyers. Very high-priced homes are fewer in number.

Years Since Renovation:

- Most homes have not been recently renovated, evidenced by the low 4.23% renovation rate.
- The distribution chart suggests houses of various ages haven't been uniformly renovated.

Insight: Renovating older homes could increase their value and appeal.

Age of House vs. Number of Bedrooms, Bathrooms, and Floors:

- Newer homes (aged 41–56 years) tend to have higher counts and more bedrooms.
- As homes age past 70 years, the count decreases.
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Insight: Newer homes may be larger or more frequently purchased, while older ones become less common in the market.

Average Price per Bedrooms:

- Homes with 3-4 bedrooms dominate the market and price distribution.
- Higher prices are observed in homes with moderate bedroom counts and favorable renovations or conditions.

Pie Chart – Distribution by Renovation:

- Renovated houses are scattered across various age groups, with no consistent trend, indicating that renovations are not age-targeted.

Insight: Investors may benefit from prioritizing older homes for renovation, especially those still in fair condition.



Thank You