

Project Development Phase
Model Performance Test

Date	10 February 2025
Team ID	LTVIP2025TMID50177
Project Name	Visualizing Housing Market Trends:An Analysis Of Sales prices And Features Using Tableau
Maximum Marks	

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.N o.	Parameter	Screenshot / Values
•	Data Rendered	~10,000 house sales records across multiple cities Fields: Sale Price, Renovation Year, Area (sqft), Bedrooms, Bathrooms, Location, Date
•	Data Preprocessing	- Removed nulls in critical fields (e.g. Sale Price) - Converted Renovation Year to categorical variable - Grouped Area into ranges - Extracted month/year from sale date
3	Utilization of Filters	- Branch Filter - House Type - Area Range - Year of Sale - Renovated (Yes/No)
4	Calculation fields Used	IF(renovated)=1 THEN "renovated" ELSE "Not renovated" END

5

Dashboard design

Tableau Public - Book2

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Tableau Desktop Public Edition

Dashboard Layout

Default Phone Device Preview

Size min 420x560 - max 1400x7... Sheets Sheet 1 Sheet 2 Sheet 3 Sheet 4 Objects Horizontal Container Vertical Container Text Extension Pulse Metric Image Tiled Floating Show dashboard title

Comprehensive House Price Analysis

Area of the House from Basement (in Sqft) 38,643,798

Count of Transformed_Housing_Data2.csv 21,609

Avg. Sale Price 511,619

Distribution of House Age by Renovation status

Total Sales By Years Since Renovation

House Age Distribution by Number of Bathrooms, Bedrooms and Floors

29°C Light rain

Buy Tableau

Show Me

6

Story Design

Tableau Public - Book2

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Tableau Desktop Public Edition

Story Layout

New story point Blank Duplicate

Sheet 1 Sheet 2 Sheet 3 Sheet 4 Dashboard 1

A Drag to add text Show title Size Story (1016 x 964)

Comprehensive House Price Analysis

Area of the House from Basement (in Sqft) 38,643,798

Count of Transformed_Housing_Data2.csv 21,609

Avg. Sale Price 511,619

Distribution of House Age by Renovation status

Total Sales By Years Since Renovation

House Age Distribution by Number of Bathrooms, Bedrooms and Floors

26°C Mostly cloudy

Buy Tableau

Show Me