

Project Development Phase

Model Performance Test

Date	24 -June-2025
Team ID	LTVIP2025TMID48901
Project Name	Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau
Maximum Marks	

Model Performance Testing:-

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

S.No.	Parameter	Screenshot / Values
1.	Data Rendered	<ul style="list-style-type: none">- Total Rows: 21,609- Columns: 36- File used: Transformed_Housing_Data2.xlsx - Rendered from Tableau Data Source tab (attach screenshot)
2.	Data Preprocessing	<ul style="list-style-type: none">- Converted CSV to Excel format- Renamed field names for readability (e.g., Sale Price, Years Since Renovation)- Created calculated field Renovation Status
3.	Utilization of Filters	<p>Filters applied to:</p> <ul style="list-style-type: none">• Years Since Renovation• No. of Bedrooms, Bathrooms, Floors <p>Filters are shown on dashboard and individual sheets</p>

4.	Calculation fields Used	<ul style="list-style-type: none"> - Years Since Renovation (if not provided) - Age of House (in Years) (calculated from Year Built and current year) - Renovation Status (custom calc for Yes/No)
5.	Dashboard design	<p>No of Visualizations / Graphs – 4</p> <ol style="list-style-type: none"> 1. Scenario 1: Overall Data Overview 2. Scenario 2: Bar chart by renovation years 3. Scenario 3: Pie chart for age/renovation 4. Scenario 4: Grouped bar chart for house features
6	Story Design	<p>No of Visualizations / Graphs – 4</p> <ul style="list-style-type: none"> - Story includes 3 scenario charts

Screenshot of Data Source:-

The screenshot shows the Tableau Desktop interface with a data source named 'Transformed_Housing_Data2'. The data is displayed in a table with the following columns and values:

Sale Price	No of Bedrooms	No of Bathrooms	Flat Area (sq ft)	No of Floors
20,990	0	1.00000	1,080	6,800
30,000	0	2.00000	2,500	7,500
180,000	0	1.00000	700	10,000
60,000	0	0.00000	1,000	6,000
10,000	0	0.00000	1,000	6,000
170,000	0	0.00000	6,000	10,000

Screenshot of Dashboard with Filters:-

