# Project Development Phase
# Performance Test

| | |
|---|---|
| Date | 10 February 2025 |
| Team ID | LTVIP2026TMIDS75520 |
| Project Name | Visualization Housing Market Trends |
| 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** | Housing market dataset successfully rendered in Tableau showing fields such as Sale Price, House Age, Renovation Status, Bedrooms, Bathrooms, Floors, and Basement Area |
| 2 | **Data Preprocessing** | Data cleaned by handling missing values, removing duplicates, creating calculated fields (House Age, Sale Price bins), and standardizing data for analysis |
| 3 | **Utilization of Filters** | Filters applied for Renovation Status, House Age Groups, Sale Price bins, and property features to enable interactive analysis |
| 4 | **Calculated Fields Used** | House Age, Years Since Renovation, Sale Price (Bins), Average Sale Price, Total Houses (COUNT), Total Basement Area (SUM) |
| 5 | **Dashboard Design** | **No of Visualizations / Graphs – 4** (KPI cards, Histogram, Bar chart, Pie chart, Grouped bar chart combined in dashboard) |
| 6 | **Story Design** | **No of Visualizations / Graphs – 4** (Scenario-wise story points explaining KPI overview, renovation impact, age distribution, and feature comparison) |