Project Development Phase
Model Performance Test

Date	28 June 2025
Team ID	LTVIP2025TMID51601
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	Housing sales data with 25,000+ entries including features like area, location, sale price, number of bedrooms, etc.
2.	Data Preprocessing	- Removed null & duplicate entries - Converted price to numeric format - Filtered outliers in price and area - Standardized location names
3.	Utilization of Filters	- City-wise filter to compare areas - BHK and price range sliders - Year-wise and area-wise filters - Feature-based filters (like garage, lot size)
4.	Calculation fields Used	- Price per Square Foot - Average Price by Area - Percentage price growth - Feature-to-price ratio
5.	Dashboard design	5.clear visualizations: - Area vs Price Scatter Plot - City-wise Average Price Bar Chart - Line Chart for Price Trends over Years - Pie Chart of Feature Distribution - Heat Map of Price by Location
6	Story Design	4.story points: - Price Trend Analysis - Feature Impact on Pricing - Area-wise Comparison - Buyer-Friendly vs Expensive Zones