Project Development Phase
Model Performance Test

Date	27 June 2025
Team ID	LTVIP2025TMID49194
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	**Screenshot of the raw dataset loaded into Tableau (e.g., Housing_Market_Data.csv). Ensure columns like Price, SquareFootage, and Location are visible.**
2.	Data Preprocessing	**Screenshot of Tableau's Data Source tab showing steps like:** **- Handling missing values.** **- Creating calculated fields (e.g., Price per SqFt).** **- Data type conversions (e.g., date formatting for YearBuilt).**
3.	Utilization of Filters	**Screenshot of dashboard filters in action (e.g., filtering by Year, Neighborhood, or Bedrooms). Highlight interactive functionality.**
4.	Calculation Fields Used	**List of key calculated fields with formulas:** **- Price per SqFt = [Price]/[SquareFootage]** **- Price Trend = WINDOW_AVG([Price]) (if trend analysis is included).**
5.	Dashboard Design	**No. of Visualizations/Graphs: 4** **- Map (Geographic distribution of prices).** **- Scatter Plot (Price vs. Square Footage).**

S.No.	Parameter	Screenshot / Values
		- Bar Chart (Average price by neighborhood). - Trend Line (Price over time). *Attach screenshot of the full dashboard.*
6.	Story Design	No. of Visualizations/Graphs: 3 - Story point 1: Introduction to housing trends. - Story point 2: Key insights (e.g., urban vs. suburban prices). - Story point 3: Predictive trends (if applicable). *Attach screenshot of the Tableau Storyboard.*