Project Development Phase
Model Performance Test

Date	20 February 2026
Team ID	LTVIP2026TMIDS80267
Project Name	Visualizing 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	Successfully imported and visualized cleaned housing market datasets (listings, prices, locations, sales trends) with no missing or corrupted values.
2.	Data Preprocessing	Processed raw files by removing duplicates, standardizing date and price formats, handling nulls, and joining supplemental datasets (e.g., census demographics).
3.	Utilization of Filters	Implemented interactive filters for region, price range, property type, listing status, and date, enabling users to dynamically explore market segments.
4.	Calculation fields Used	Created calculated fields for price per square foot, YoY % change, moving averages, and custom ranking scores to surface actionable trends.
5.	Dashboard design	Designed intuitive, multi-panel dashboards with colorcoded trend lines, geospatial heatmaps, and KPI summary cards for rapid insights; responsive layouts for desktop/tablet.
6	Story Design	Developed an end-to-end Tableau Story with sequential sheets: Market Overview → Deep Dives → Opportunity Hotspots → Strategic Recommendations, guiding users through the insights narrative.