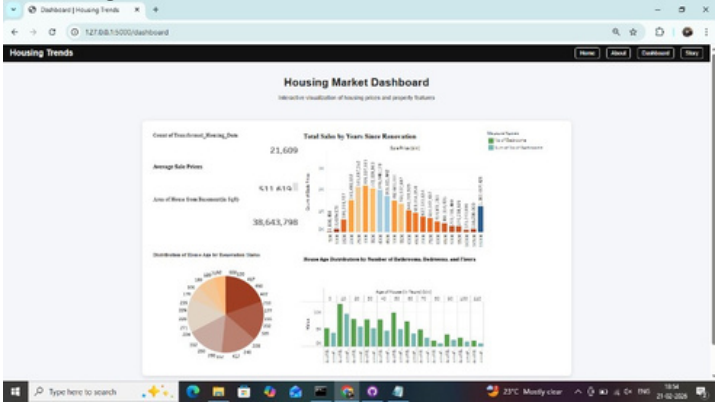


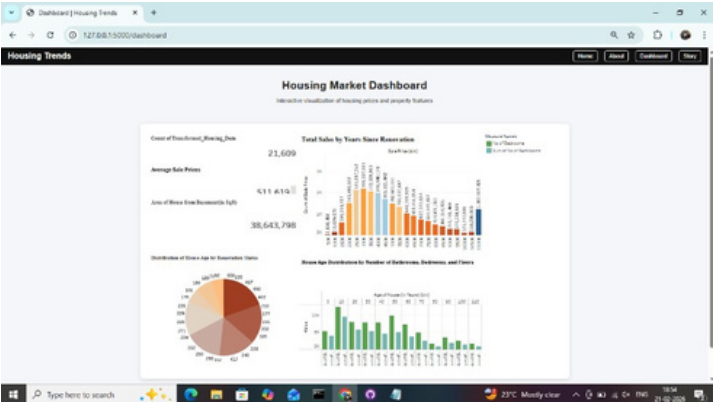
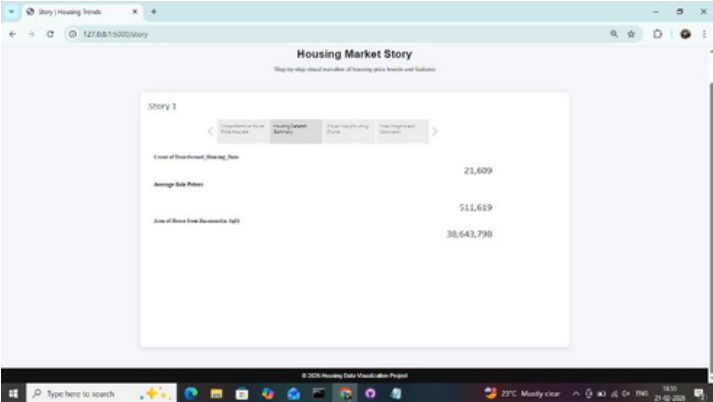
## Project Development Phase Performance Test

Date	15 February 2026
Team ID	LTVIP2026TMIDS38402
Project Name	<b>Visualizing Housing Market Trends: An Analysis of Sale Prices and Features using Tableau</b>
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	<p>The dashboard successfully renders all visualizations without delay. The data is displayed clearly including total records, average sale price, and area from basement. All charts load properly and represent accurate housing data insights.</p>  <p>The screenshot shows a Tableau dashboard titled 'Housing Market Dashboard' with the subtitle 'Interactive visualization of housing prices and property features'. It includes several visualizations: a bar chart for 'Total Sales by Years Since Construction', a pie chart for 'Distribution of House Age by Construction Type', a bar chart for 'House Age Distribution by Number of Bedrooms, Bathrooms, and Pools', and a bar chart for 'Total House Price by Number of Bedrooms'. The dashboard also displays key metrics like 'Cost of House (Price per Sq Ft)', 'Average Sale Price', and 'Area of House from Basement (Sq Ft)'.</p>
2.	Data Preprocessing	<p>The dataset was cleaned before visualization. Null values were handled and required fields were formatted correctly. The data was transformed to ensure accurate aggregation and calculation of housing metrics.</p>
3.	Utilization of Filters	<p>Interactive filters are implemented to enhance user interaction. Users can dynamically explore data by selecting different parameters such as number of bedrooms and bathrooms. The filters respond quickly without performance lag.</p>
4.	Calculation fields Used	<p>Calculated fields were used to derive important metrics such as:</p> <ul style="list-style-type: none"> <li>Average Sale Price</li> <li>Total Count of Housing Data</li> </ul>

		<ul style="list-style-type: none"><li>• Aggregated Basement Area</li></ul>
5.	Dashboard design	<p>The dashboard is designed with structured layout and consistent formatting.</p> <p>It includes bar charts, pie charts, and comparative visualizations.</p> <p>The interface is user-friendly and visually organized for better analysis.</p>  <p>The screenshot shows a web browser displaying the 'Housing Market Dashboard'. The dashboard features several data visualizations: a bar chart for 'Total Sales by Years Since Renovation', a pie chart for 'Distribution of House Age for Renovation Status', and a bar chart for 'House Age Distribution by Number of Bedrooms, Bathrooms, and Pools'. The dashboard also includes a search bar and navigation links for 'Home', 'About', 'Dashboard', and 'Story'.</p>
6	Story Design	<p>The story section presents insights in a step-by-step manner.</p> <p>It includes:</p> <ul style="list-style-type: none"><li>• Comprehensive House Price Analysis</li><li>• Housing Dataset Summary</li><li>• Visual Analysis using Charts</li><li>• Final Insights and Conclusion</li></ul> <p>The story format improves clarity and understanding of housing trends.</p>  <p>The screenshot shows a web browser displaying the 'Housing Market Story'. The story is presented in a step-by-step format, with a navigation bar at the top. The current step, 'Story 1', displays the same data visualizations as the dashboard, including the 'Total Sales by Years Since Renovation' bar chart, the 'Distribution of House Age for Renovation Status' pie chart, and the 'House Age Distribution by Number of Bedrooms, Bathrooms, and Pools' bar chart. The story format provides a more detailed and structured analysis of the housing market data.</p>