

Project Development Phase Model Performance Test

Date	26June 2025
Team ID	LTVIP2025TMID49786
Project Name	Visualizing market trends:An analysis of sales 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	<ul style="list-style-type: none"> Total Records: 125,000 Reporting Period: Jan 1–May 31, 2025 Metrics: Sales, Profit, Quantity Sold, Order Count Dimensions: Date (daily), Region, Product Category
2.	Data Preprocessing	<ul style="list-style-type: none"> Missing value imputation (nulls filled with zero for quantities, average for profit) Date formatted to standard YYYY-MM-DD Outliers filtered from Sales and Quantity
3.	Utilization of Filters	<ul style="list-style-type: none"> Date Range Selector (from Jan to May 2025) Region Filter (North, South, East, West) Product Category Dropdown → Filters dynamically update graphs
4.	Calculation fields Used	<ul style="list-style-type: none"> Profit Margin = Profit / Sales Average Quantity per Order = Quantity / Order Count Month-over-Month Sales Growth
5.	Dashboard design	No of Visualizations / Graphs - 6 <ul style="list-style-type: none"> Line Chart (Sales over Time) Bar Chart (Sales by Category) Heatmap (Region vs Profit) KPI cards (Total Sales, Total Orders) Pie Chart (Category-wise Distribution) Trend Analysis
6	Story Design	No of Visualizations / Graphs - 4 <ul style="list-style-type: none"> Introduction Slide Monthly Trends Slide Regional Performance Slide Summary & Recommendations Slide No of Visualizations / Graphs -