**Project Development Phase**

**Model Performance Test**

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| 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.

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| **S.No.** | **Parameter** | **Screenshot / Values** |
|  | Data Rendered | • Total Records: 125,000  • Reporting Period: Jan 1–May 31, 2025  • Metrics: Sales, Profit, Quantity Sold, Order Count  • Dimensions: Date (daily), Region, Product Category |
|  | Data Preprocessing | • 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 | • 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 | • Profit Margin = Profit / Sales  • Average Quantity per Order = Quantity / Order Count  • Month-over-Month Sales Growth |
| 5. | Dashboard design | No of Visualizations / Graphs - **6**  • 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**  • Introduction Slide  • Monthly Trends Slide  • Regional Performance Slide  • Summary & Recommendations SlideNo of Visualizations / Graphs - |