

Project Development Phase
Model Performance Test

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| Date | 6 Feb 2025 |
| Team ID | LTVIP2026TMIDS24926 |
| Project Name | Visualization Tool For Electric Vehicle Charge And Range Analysis |
| 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 | Raw EV dataset containing fields like: Brand, Range, Battery Capacity, Charge Level, and Price. |
| 2. | Data Preprocessing | Cleaned using Tableau Prep / Excel. Removed nulls, standardized column names, formatted data. |
| 3. | Utilization of Filters | Filters applied on dashboard for Brand, Price Range, Battery Capacity, and Charge Level. |
| 4. | Calculation fields Used | Average Range - Price per KM - Capacity to Range Ratio - % Charge Distribution |
| 5. | Dashboard design | Layout includes summary cards, donut chart (charge), bar chart (range), scatter (price vs range), and filters on side. |
| 6 | Story Design | Story created with 3 slides: 1. Overview with summary cards 2. Range & Charge visuals 3. Price vs performance comparison. |