**Project Development Phase**
**Model Performance Test**

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| Date | 26 JUNE 2025 |
| Team ID | LTVIP2025TMID48398 |
| 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 | 4 Datasets Loaded (India EV Sales, Global EV Sales, Battery Performance, Charging Stations) |
| 2. | Data Preprocessing | Null values handled, filtering for latest years, renaming fields, merging datasets using IDs |
| 3. | Utilization of Filters | Region-wise filter (India/Global), Year filter, Brand filter, Vehicle type filter |
| 4. | Calculation fields Used | Avg Charging Time, Range per kWh, CAGR of Sales, EV Penetration Rate |
| 5. | Dashboard design | No of Visualizations / Graphs - **6** |
| 6 | Story Design | No of Visualizations / Graphs - **4** |