

**Project Design Phase-II**  
**Solution Requirements (Functional & Non-functional)**

Date	25 February 2026
Team ID	LTVIP2026TMIDS40890
Project Name	Visualization Tool For Electric Vehicle Charge and Range Analysis
Maximum Marks	4 Marks

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Data Collection	Import EV datasets (India & Global)
FR-2	Data Preparation	Import EV datasets (India & Global)
FR-3	Data Visualization	Create dashboards & charts
FR-4	Story Creation	Create dashboards & charts
FR-5	Publishing	Publish dashboards to Tableau Public

**Non-functional Requirements:**

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Simple, interactive dashboards
NFR-2	<b>Security</b>	Data integrity maintained
NFR-3	<b>Reliability</b>	Data integrity maintained
NFR-4	<b>Performance</b>	Fast visualization rendering
NFR-5	<b>Availability</b>	Accessible online via Tableau Public
NFR-6	<b>Scalability</b>	Additional datasets can be added