

Data Flow Diagram & User Stories

Date	25 June 2025
Team ID	LTVIP2025TMID48669
Project Name	Visualization Tool for Electric Vehicle Charge and Range Analysis.
Maximum Marks	4 Marks

TITLE :

Visualization Tool for Electric Vehicle Charge and Range Analysis.

Team ID : LTVIP2025TMID48669

Team Members :

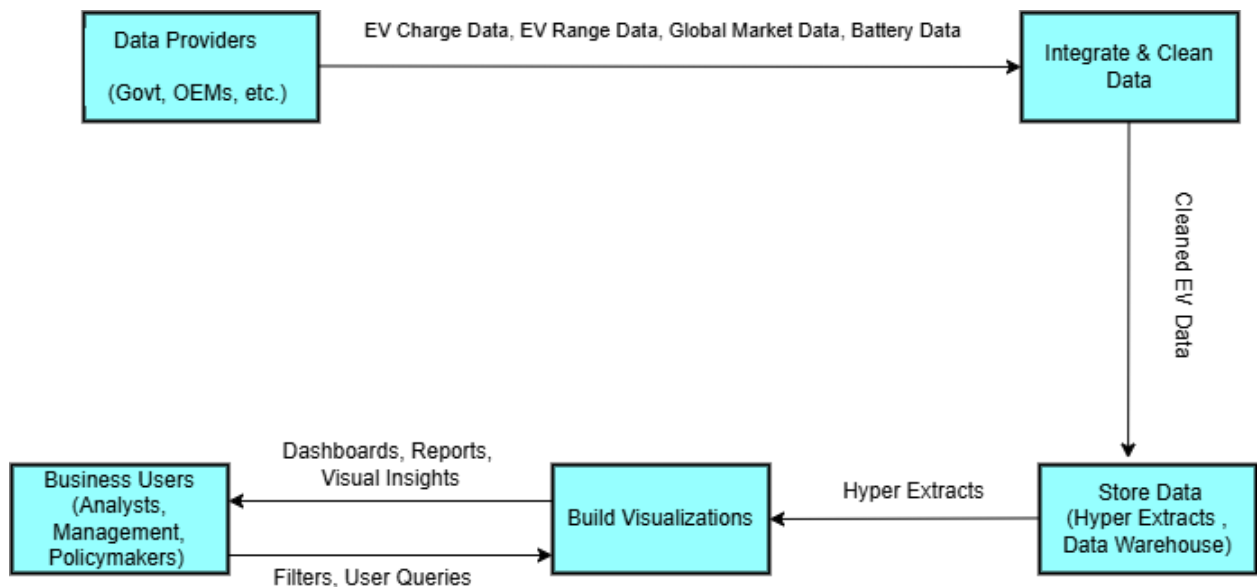
Team Leader : Likitha Dadi

Team member : Ella Likhitha

Team member : Gandhi Dinesh

Team member : Allada Vasanth

Team member : Goona Ganapathi Swamy



USER STORIES

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Customer (Web user)	Data Upload	USN-1	As a user, I can upload multiple EV datasets (e.g. charge data, range data, battery data) to the platform.	I can successfully upload and see confirmation for each dataset.	High	Sprint-1
Customer (Web user)	Data Visualization	USN-2	As a user, I can view dashboards showing EV charge time, range performance, and market trends.	I can see charts, graphs, and filter data interactively in the dashboards.	High	Sprint-1
Customer (Web user)	Data Filtering	USN-3	As a user, I can filter dashboard visuals by region (India, Global) or EV brand.	I can apply filters and dashboards update accordingly.	High	Sprint-1
Customer (Web user)	Export Reports	USN-4	As a user, I can export EV analytics reports and visuals as PDF or image files for sharing.	I can download reports in selected formats.	Medium	Sprint-2

Customer Care Executive	User Assistance	USN-5	As a customer care executive, I can help users troubleshoot issues related to uploading data or using dashboards.	I can view user accounts and respond to help requests.	Medium	Sprint-2
Administrator	User Management	USN-6	As an admin, I can manage user roles and permissions for accessing specific dashboards and data.	I can add, edit, or deactivate user accounts and assign permissions.	High	Sprint-1
Administrator	Data Source Management	USN-7	As an admin, I can manage connections to external data sources for EV analytics.	I can add or remove data connections and confirm they are working.	Medium	Sprint-2
Administrator	Dashboard Publishing	USN-8	As an admin, I can publish dashboards to make them available to specific user groups.	I can control which dashboards are visible to each user group.	High	Sprint-1