Project Design Phase-II
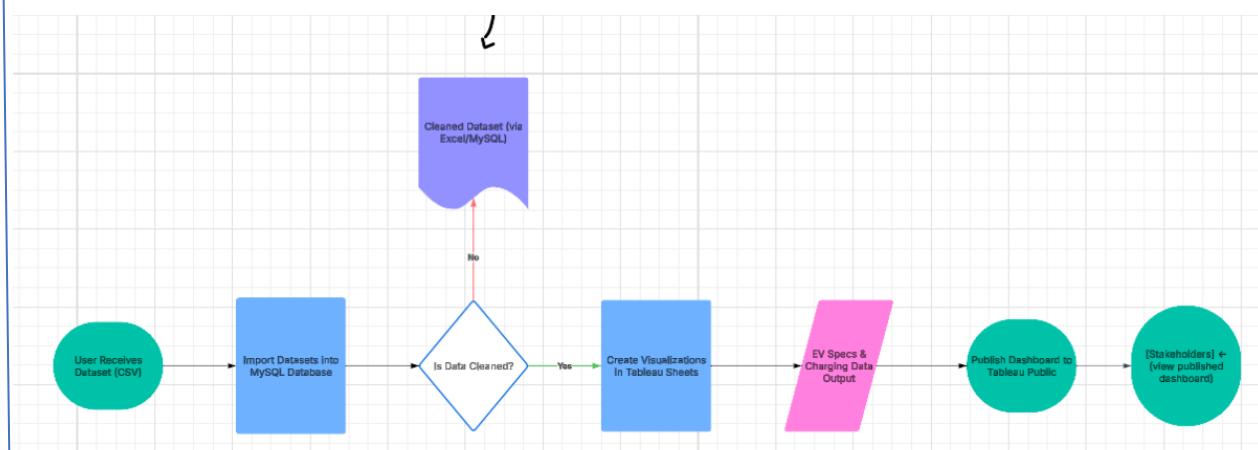# Data Flow Diagram & User Stories

Date	28 January 2026
Team ID	LTVIP2026TMIDS58756
Project Name	Visualization Tool for Electric Vehicle Charge and Range Analysis
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Example: DFD Level 0 (Industry Standard)

User Stories

User Type	Functional Requirement	User Story No.	User Story	Acceptance Criteria	Priority	Release
EV Buyer	Explore EV models	USN-1	As a user, I can view EV car models sorted by brand, price, or top speed	I can filter EV models and view details	High	Sprint-1
EV Buyer	Compare performance	USN-2	As a user, I can compare cars by speed and efficiency	I can identify top performing EVs	High	Sprint-1
Policy Analyst	View Charging Station Map	USN-3	As a user, I can see EV charging stations on a map	I can view stations by region and type	High	Sprint-1
EV Buyer	Filter by body style	USN-4	As a user, I can filter EVs by body style	I can view only SUVs, Hatchbacks, etc.	Medium	Sprint-2
EV Buyer	See Global vs India summary	USN-5	As a user, I can view India vs Global EV summary cards	I can switch between India and Global metrics	Medium	Sprint-2
Admin / Analyst	Upload or update dataset	USN-6	As an analyst, I can update car data into MySQL	Dashboard reflects new data	Low	Sprint-2