

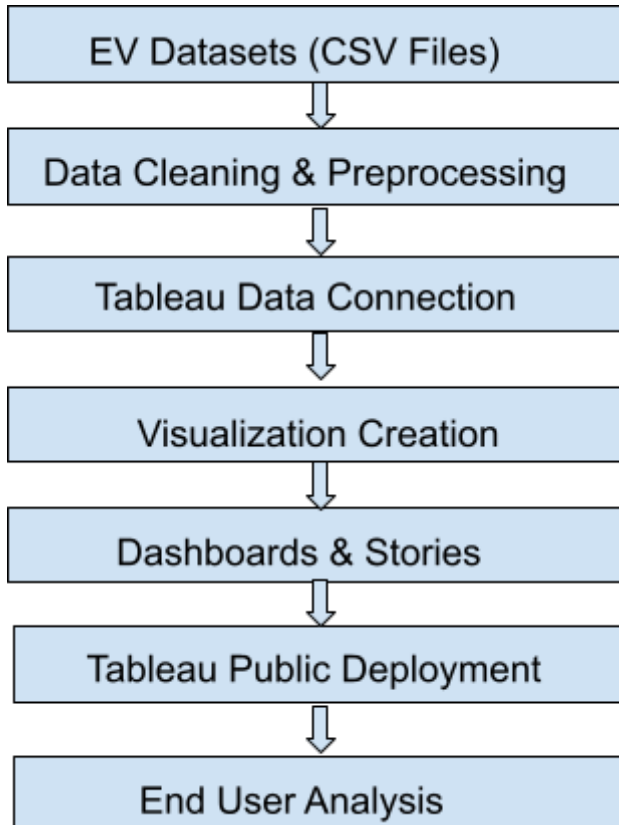
Ideation Phase

Brainstorm & Idea Prioritization

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

Data Flow Diagram (DFD):

A Data Flow Diagram (DFD) represents how data moves through the Electric Vehicle Charge & Range Analysis system. It shows how EV datasets are collected, processed, transformed into visualizations, and finally presented to users through dashboards and stories.



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Data Analyst	Data upload	USN-1	As a user,I can upload EV datasets into Tableau for analysis	Data is successfully loaded and visible.	High	Sprint-1
Data Analyst	Data Cleaning	USN-2	As a user, I can clean and preprocess EV data before visualization.	Cleaned data is ready for charts.	High	Sprint-1
Analyst/User	Dashboard Viewing	USN-3	As a user, I can view interactive dashboards for EV analysis.	Dashboard loads without errors.	High	Sprint-1
Analyst/User	Filtering	USN-4	As a user, I can apply filters to compare EV performance and pricing.	Filters update charts correctly.	High	Sprint-1
Analyst/User	Story Navigation	USN-5	As a user, I can navigate story points to understand insights step-by-step.	Story navigation works smoothly.	Medium	Sprint-2
Viewer	Public Access	USN-6	As a user, I can access dashboards through Tableau Public link.	Dashboard opens in browser.	High	Sprint-2