

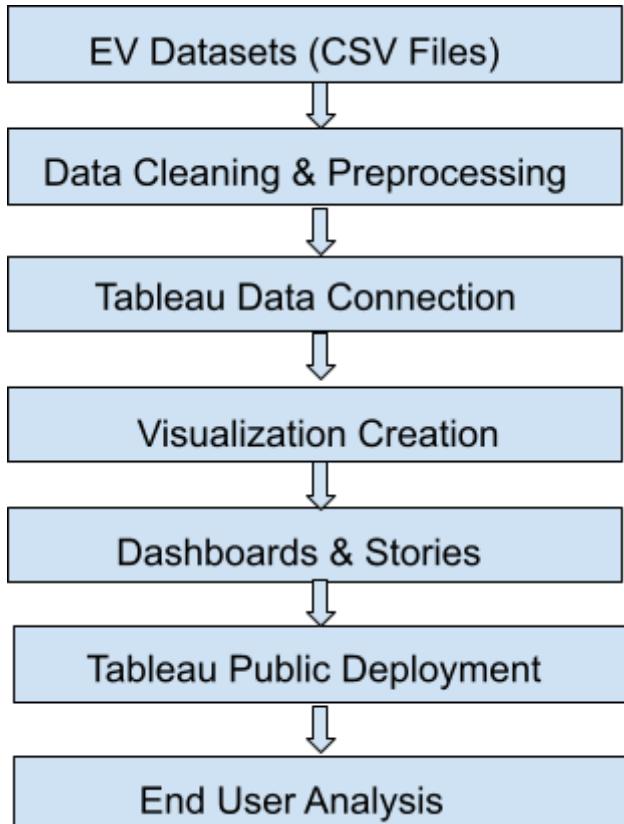
## **Ideation Phase**

### **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