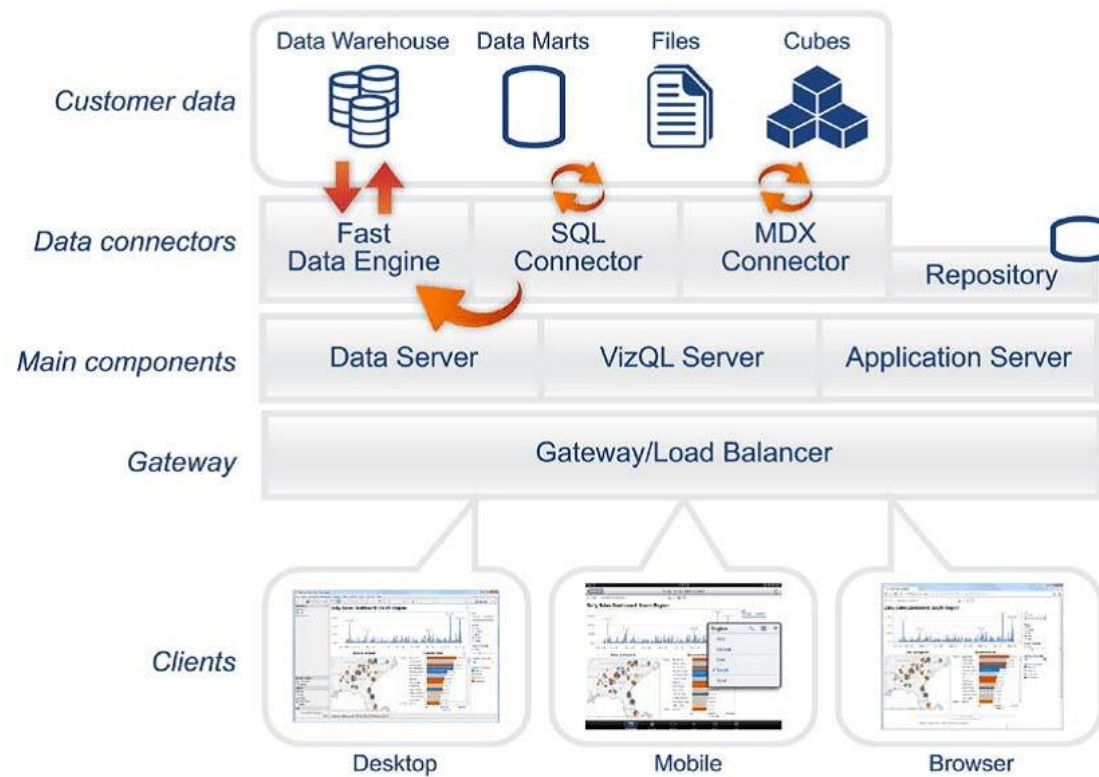


## Project Design Phase-II Data Flow Diagram & User Stories

Date	30 June 2025
Team ID	LTVIP2025TMID50516
Project Name	Visualization Tool for Electric Vehicle Charge and Range Analysis
Maximum Marks	4 Marks

### Data Flow Diagrams:



## User Stories.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Web user)	Dashboard Navigation	USN-1	As a user, I can move from one dashboard to another using navigation buttons.	I can switch between dashboards easily	High	Sprint-1
Customer (Web user)	EV Data Visualization	USN-2	As a user, I can view EV charging stations state-wise in a bar chart.	Chart displays all states and charging station counts	High	Sprint-1
Customer (Web user)	EV Data Visualization	USN-3	As a user, I can analyze EV vehicle ranges and types in visual form.	Graphs show range differences among vehicles	Medium	Sprint-2
Customer (Web user)	Data Filtering	USN-4	As a user, I can filter data based on state, city, or charger type.	Dashboards respond to filter selections	High	Sprint-2
Customer (Web user)	Tooltip Interactions	USN-5	As a user, I can hover over a chart to get more detailed information.	Tooltip values appear correctly	Medium	Sprint-2
Administrator	Dataset Management	USN-6	As an admin, I can upload and preprocess datasets using Python scripts.	Cleaned datasets are generated and saved locally	High	Sprint-1
Administrator	Dashboard Deployment	USN-7	As an admin, I can publish dashboards to Tableau Public.	Dashboards are publicly accessible through a link	High	Sprint-1