

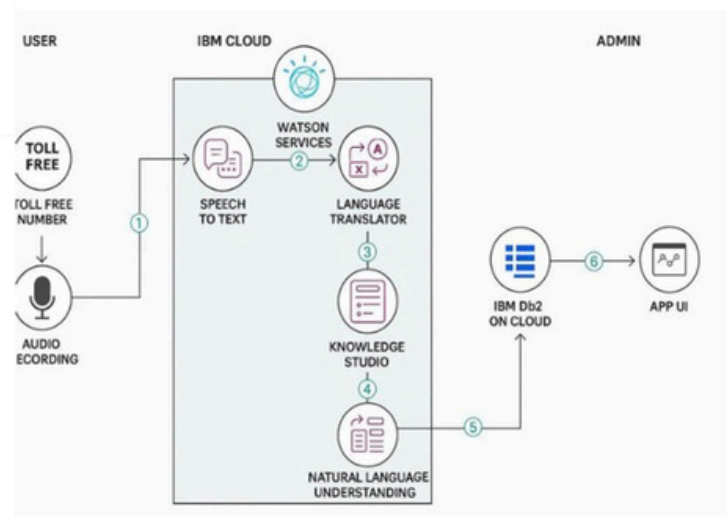
Project Design Phase-II Data Flow Diagram & User Stories

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|---------------|---|
| Date | 28 June 2025 |
| Team ID | LTVIP2025TMID49020 |
| Project Name | Visualization tool for electric vehicle charge and range analysis |
| Maximum Marks | 4 Marks |

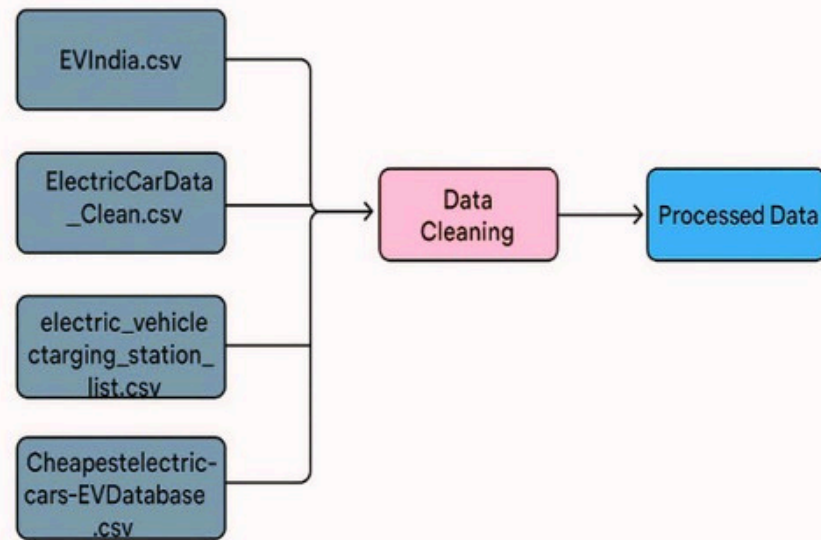
Data Flow Diagrams:

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: (Simplified)



EV Intelligence – Data Flow



User Stories

Use the below template to list all the user stories for the product.

| User Type | Functional Requirement | User Story Number | User Story / Task | Acceptance Criteria | Priority | Release |
|-----------|--------------------------|-------------------|------------------------------------|----------------------------------|----------|----------|
| Analyst | Dashboard View | USN-13 | As an analyst, I can compare EVs | I can view charts comparing data | High | Sprint-1 |
| Analyst | Charging Station Mapping | USN-14 | As an analyst, I can view a map of | I can use the ChargingStations | Medium | Sprint-2 |
| Analyst | Data Filtering | USN-15 | As an analyst, I can filter | I can interactively view | High | Sprint-1 |
| Manager | Report Export | USN-16 | As a manager, I can download | I can download reports from | High | Sprint-2 |
| Manager | Dashboard Monitoring | USN-17 | As a manager, I can monitor the | I can see update logs and visual | Medium | Sprint-2 |