

Project Design Phase-II

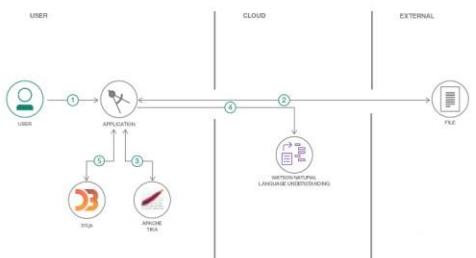
Data Flow Diagram & User Stories

Date	28 Feb. 26
Team ID	LTVIP2026TMIDS53367
Project Name	Empowering India: Analysing the Evolution of Union Budget Allocations for Sustainable Growth.
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.

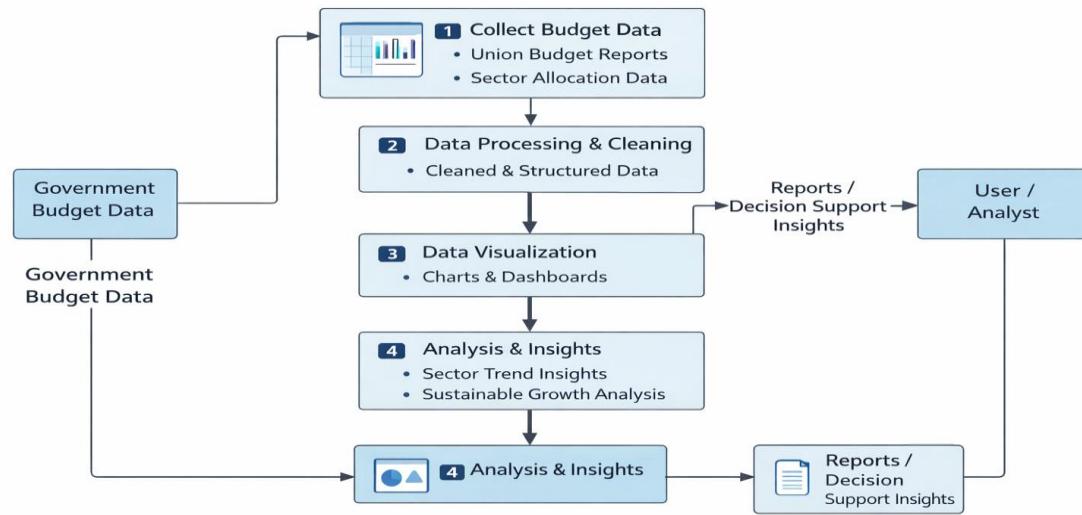
Flow



1. User configures credentials for the Watson Natural Language Understanding service and starts the app.
2. User selects data file to process and load.
3. Apache Tika extracts text from the data file.
4. Extracted text is passed to Watson NLU for enrichment.
5. Enriched data is visualized in the UI using the D3.js library.

Example: [\(Simplified\)](#)

Empowering India: Analysing the Evolution of Union Budget Allocations for Sustainable Growth



User Stories

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

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Data Access	USN-1	As a user, I can view Union Budget data in the dashboard	User can view budget charts	High	Sprint-1
	Data Visualization	USN-2	As a user, I can compare sector-wise allocations	Comparison charts are visible	High	Sprint-1
	Trend Analysis	USN-3	As a user, I can analyze year-wise budget trend	Trend graphs displayed correctly	Medium	Sprint-2
	Dashboard	USN-4	As a user, I can access interactive dashboards	Dashboard loads successfully	High	Sprint-1

	Insights	USN-5	As a user, I can view sustainable growth insights	sustainable growth insights Insights section visible	Medium	Sprint-2
Customer (Web user)	Reports	USN-6	As a user, I can download analysis reports	Reports downloadable	Medium	Sprint-2
Customer Care Executive	Support	USN-7	As support user, I can assist users with dashboard usage	Support information available	Low	Sprint-3
Administrator	Data Management	USN-8	As admin, I can update and manage budget datasets	Data updates reflected in dashboard	High	Sprint-1