

Project Design Phase-II

Data Flow Diagram & User Stories

Date	19 February 2026
Team ID	LTVIP2026TMIDS49230
Project Name	Gemini Pro Financial Decoder
Maximum Marks	4 Marks

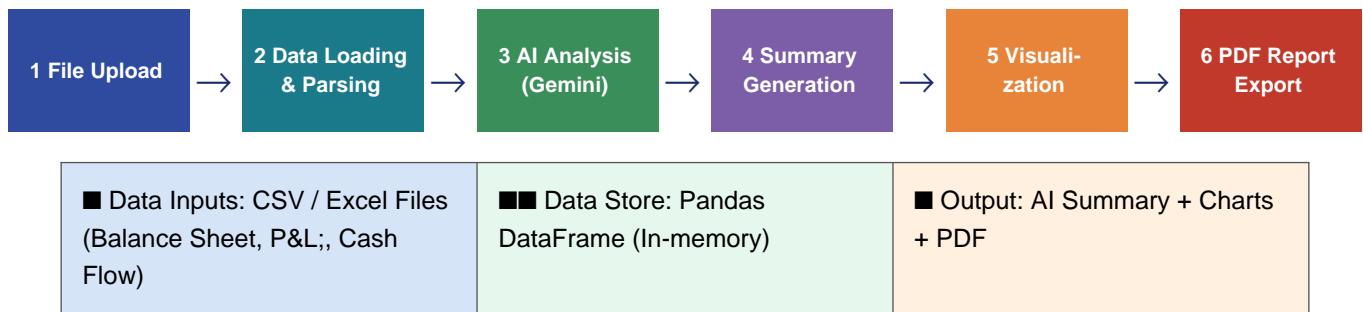
Data Flow Diagrams:

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.

Level 0 — Context DFD: Gemini Pro Financial Decoder



Level 1 — Detailed DFD: System Processes



User Stories:

User stories define the functional requirements from the perspective of end users. Each story follows the format:
As a [User Type], I want to [Goal], so that [Benefit].

User Type	Functional Requirement (Epic)	Story No.	User Story / Task	Acceptance Criteria	Priority	Release
Financial Analyst (Sarah)	Automated Document Summarization	USN-1	As a Financial Analyst, I want to upload financial statements and get AI-generated summaries, so I can save hours of manual review.	AI summary generated within 30 seconds. Key metrics highlighted clearly.	High	Sprint-1
CEO / Executive (Rajesh)	Plain Language Financial Explanation	USN-2	As a CEO, I want financial reports explained in plain language, so I can make strategic decisions without needing financial expertise.	Non-technical summary generated. Jargon-free language used throughout.	High	Sprint-1
Financial Journalist (Mark)	Instant Trend Identification	USN-3	As a Financial Journalist, I want to quickly identify key highlights from financial statements, so I can write accurate articles before deadlines.	Key highlights extracted in under 1 minute. Export to PDF available.	High	Sprint-1
All Users	Visual Dashboard & Charts	USN-4	As a user, I want to see visual charts and line graphs from my uploaded financial data, so I can understand trends at a glance.	Charts render correctly for all numeric columns. Interactive filters work.	Medium	Sprint-2
All Users	PDF Report Download	USN-5	As a user, I want to download a structured PDF report of the AI analysis, so I can share financial insights with stakeholders.	PDF generated with summary, charts, and key metrics. Download button functional.	Medium	Sprint-2