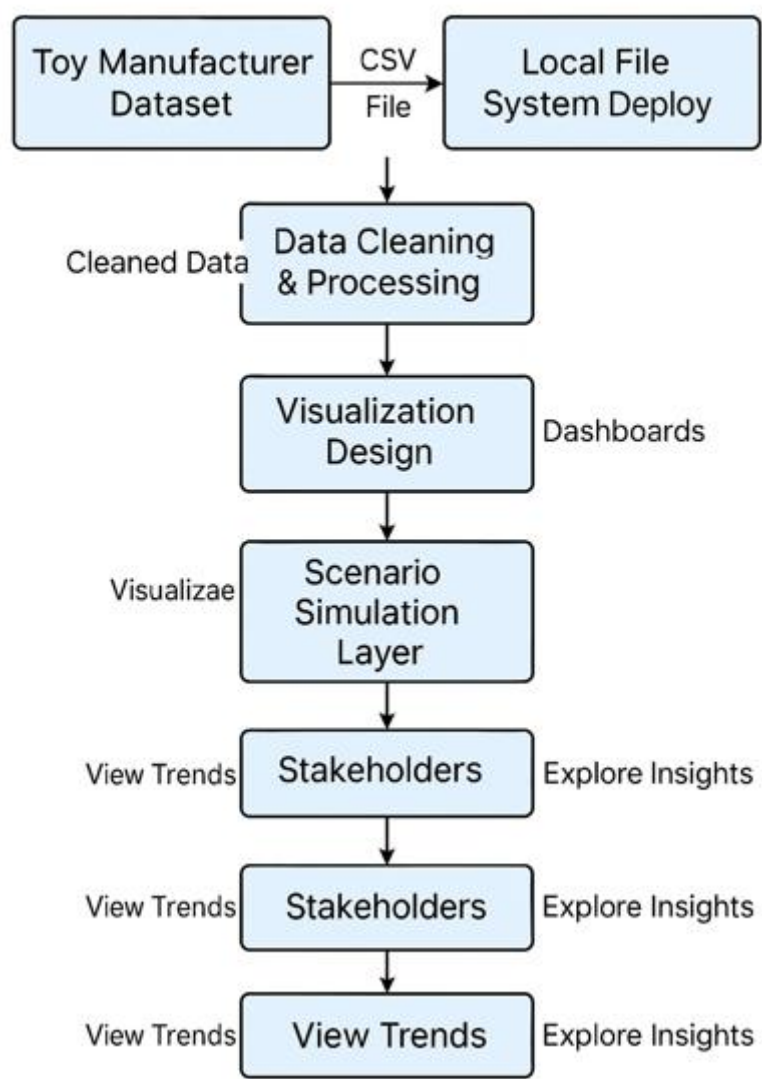


Project Design Phase-II

Data Flow Diagram & User Stories

Date	31 January 2025
Team ID	LTVIP2025TMID57325
Project Name	ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data
Maximum Marks	4 Marks

ToyCraft Tales



User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority	Release
Data Analyst	Data Ingestion	USN-1	As a data analyst, I want to import toy manufacturing data from CSV so that I can begin analysis.	Data successfully uploaded and accessible in Tableau	High	Sprint-1
Data Analyst	Data Cleaning & Preparation	USN-2	As a data analyst, I want to clean and bin index data so I can use it in visualizations.	Cleaned dataset with structured index bins is available for charts	High	Sprint-1
Analyst / Stakeholder	Visualization of Trends	USN-3	As a stakeholder, I want to view a time-series chart of manufacturer count across years.	Year-wise decline from 2005–2016 is visualized clearly	High	Sprint-2
Analyst / Planner	Comparative State Analysis	USN-4	As a planner, I want to compare top and bottom states based on manufacturer count.	Bar and pie charts for top 10 and bottom 10 states are visible	Medium	Sprint-2
Product Strategist	Scenario Simulation	USN-5	As a strategist, I want to simulate seasonal or regional trends using calculated fields.	User can toggle simulated layers or metrics to analyze trends	Medium	Sprint-3
End User (Public Viewer)	Dashboard Exploration	USN-6	As a user, I want to interactively filter data by year, state, or index to draw my own conclusions.	Filters and tooltips allow for personalized data exploration	High	Sprint-3
Decision Maker	Insight Downloading & Reporting	USN-7	As a decision maker, I want to export insights as images or PDF for strategic planning meetings.	Export button generates static visuals in PDF/image format	Low	Sprint-4