Project Design Phase-II

Data Flow Diagram & User Stories

Date
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Team ID : LTVIP2025TMID59682

Project Name
Toycraft Tales: Tableau's Vision into Toy Manufacturer Data

Maximum Marks
4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) for the Tableau-based toy manufacturer analysis includes:

- User uploads toy manufacturing dataset

- System processes and stores data

- Tableau connects to processed data

- Users interact with visual dashboards

User Stories

The table below includes key user stories for different user types.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance Criteria	Priority
Analyst	Upload Data	US-1	As an analyst, I want to upload toy manufacturer data via CSV	File is accepted and displayed in Tableau	High
Analyst	Preprocess Data	US-2	As an analyst, I want to clean and format data before	Formatted data appears correctly	High

			analysis		
Business Manager	Visualize Trends	US-3	As a manager, I want to view yearly trends of toy production	Interactive charts display yearly data	High
Executive	State Comparison	US-4	As an executive, I want to compare manufacturing across states	Top 10 states appear in chart	Medium
User	Download Report	US-5	As a user, I want to download dashboards as reports	PDF/Image download is available	Low