

## Project Design Phase-II

### Data Flow Diagram & User Stories

Date

30 June 2025

Team ID : LTVIP2025TMID59626

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    |