

Project Design Phase-II
Technology Stack (Architecture & Stack)

Date	19 February 2026
Team ID	LTVIP2026TMIDS65874
Project Name	ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data
Maximum Marks	4 Marks

Technical Architecture:

The Deliverable shall include the architectural diagram as below and the information as per the table

Table : Components & Technologies:

S.No	Component	Description	Technology
1.	Data Source	Toy manufacturing dataset with details like sales, category, and location.	CSV File / Excel
2.	Database Storage	Storing raw data into a structured database for easier querying.	MySQL / MySQL Workbench
3.	Data Preprocessing	Cleaning, transforming, and filtering data for analysis.	SQL Queries / Tableau Prep
4.	DB-Tool Integration	Connecting Tableau to the MySQL server to fetch real-time or extracted data.	Tableau Desktop + MySQL Driver
5.	Data Visualization	Creating charts such as bar, pie, area, line for insights.	Tableau Sheets
6.	Dashboard Design	Combining visuals in an interactive and responsive layout.	Tableau Dashboard
7.	Story Creation	Creating a 4-scene story to explain insights in sequence	Tableau Story Feature
8.	Publishing	Publishing final dashboard/story to Tableau Public for sharing.	Tableau Public Server