Technology Stack

Date	31 January 2026
Team ID	LTVIP2026TMIDS24931
Project Name	ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data
Maximum Marks	4 Marks

Tools and Technologies Used

1. Dataset Source

o Kaggle (CSV dataset)
o US Toy Manufacturers Dataset (2005–2016)
o https://www.kaggle.com/datasets/thedevastator/toy-manufacturers-in-us-states

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2. Visualization Tool

o Tableau Desktop / Tableau Public Desktop
o Used for creating sheets, dashboards, and stories

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3. Publishing Platform

o Tableau Public
o Used to publish and share the dashboard and story online

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4. Backend Framework

o Flask (Python web framework)
o Used to create a simple web application and embed Tableau dashboard and story

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5. Frontend

o HTML, CSS
o Used to design the web user interface pages (Home, Dashboard, Story)

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6. Deployment

o Localhost deployment using Flask
o Tableau Public online hosting for dashboard and story

Why Tableau?

• Easy drag-and-drop interface for building visualizations
• Supports interactive dashboards and story features
• Provides filters, calculated fields, and rich chart types
• Easy publishing and sharing through Tableau Public

Why Flask?

• Simple and lightweight Python web framework
• Easy to integrate Tableau embed code into web pages
• Suitable for building a small web interface for dashboards and stories
• Works well for local deployment and project demonstrations