

Toycraft Tales: Tableau's Vision Into Toy Manufacturer Data

Team ID: LTVIP2025TMID52165

Name: SIRIGI REDDY KYATHI DURGA (224E1A4613)

1. Project Overview

This project focuses on visualizing toy manufacturer data using Tableau. The objective is to derive actionable insights from production and sales datasets, helping decision-makers understand performance trends, product-wise metrics, and regional sales effectiveness.

2. Objectives

- Visualize toy sales and manufacturing data using Tableau.
- Identify high-performing products and regions.
- Analyze profit margins and inventory metrics.
- Present key business insights through dashboards.

3. Tools & Technologies Used

- Tableau (for data visualization)
- Python (for basic data cleaning)
- CSV dataset (simulated toy manufacturing data)

4. Dataset Overview

The dataset contains information such as Toy ID, Toy Name, Category, Units Sold, Manufacturing Cost, Revenue, and Region. The data was used to generate visual dashboards in Tableau.

5. Features & Visualizations

- Bar charts to compare revenue across regions

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- Pie charts to show category-wise toy distribution
- Line charts for trend analysis (if time series is available)
- KPI dashboards summarizing key performance indicators

6. Project Outcome

Using Tableau, we created a detailed dashboard that highlights profitable products, regions with maximum sales, and trends in toy demand. This project improves understanding of manufacturing efficiency and customer preferences.

7. Conclusion

The project successfully demonstrates the use of Tableau in visualizing business data. It enhances analytical thinking, helps in data storytelling, and provides experience in working with real-world datasets for decision-making.

8.GitHub Link:

<https://github.com/kyathi2/Toy-craft-ales.git>