ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data

1. Data Sources

- Toy sales dataset (CSV / Excel format)
- Manufacturer production data
- Regional distribution data
- Customer purchase records
- Inventory and supply chain datasets

2. Data Storage

- Microsoft Excel
- CSV Files
- MySQL / SQL Server (optional for structured storage)
- Cloud storage (Google Drive / OneDrive)

3. Data Processing & Preparation

- Tableau Prep Builder
- Microsoft Excel (Data Cleaning & Formatting)
- SQL (Data Querying & Transformation)
- Python (Pandas, NumPy – optional for preprocessing)

4. Data Visualization & Analytics

- Tableau Desktop
- Tableau Public
- Tableau Server

5. Analytical Techniques Used

- Sales Trend Analysis
- Profitability Analysis
- Regional Performance Comparison
- Product Category Analysis

- Inventory Turnover Analysis
- Forecasting (Time-Series Analysis in Tableau)

6. Dashboard Features

- Interactive Filters
- Drill-Down Reports
- KPI Indicators
- Dynamic Parameters
- Geographic Maps
- Bar Charts, Line Charts, Pie Charts, Heat Maps

7. Deployment & Sharing

- Tableau Public (Web Sharing)
- Tableau Server / Tableau Online
- PDF Export & Presentation Mode

8. Hardware Requirements

- Minimum 8GB RAM
- Intel i5 or higher processor
- 20GB free disk space