Project Development Phase
Model Performance Test

Date	28 June 2025
Team ID	LTVIP2025TMID50882
Project Name	ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data
Maximum Marks	

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Screenshot / Values
1.	Data Rendered	State-wise toy manufacturer data from 2000–2022, including number of manufacturers, year-wise trends, toy categories, regional insights
2.	Data Preprocessing	Cleaned in Excel and Tableau Prep: missing values removed, renamed fields, created time hierarchies (Year, Month), filtered out irrelevant rows
3.	Utilization of Filters	Filters used: Year, State, Toy Type, Season, Sales Volume, Demographic Segment (e.g., age group)
4.	Calculation fields Used	Calculated Fields in Tableau: % Growth, CAGR, Sales by Season, Top Toy by Region, Average Sales per Manufacturer
5.	Dashboard design	No of Visualizations / Graphs - 5
6	Story Design	No of Visualizations / Graphs -5 • **Top 10 states toy manufacturer in US state**- Total Manufacturers for each State. Color shows details about State. The marks are labeled by Total Manufacturers. The view is filtered on State, which keeps 10 of 52 members. • **Analysis on Toy Manufacturer by index-** Count of Index and Index for each Index (bin). Color shows details about count of Index and Index. • **Analysis on Toy Manufacturers-** Count of Week 39 - US Toy Manufacturers - 2005 to 2016.csv, Index and Number of Manufacturers. The marks are labeled by Index. • **Analysis on Toy Manufacturers in US States by Index-** Sum of Index and State. Color shows details about State. The marks are labeled by sum of Index

| | | and State. The view is filtered on State, which keeps 10 of 52 members.
• **Analysis on Number of Manufacturers by Year-** The plot of sum of Number of Manufacturers for Year. The marks are labeled by sum of Number of Manufacturers. |