Project Development Phase
Model Performance Test

Date	07 February 2026
Team ID	LTVIP2026TMIDS89201
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.