ProjectDevelopmentPhase
Model Performance Test

Date	28June2025
TeamID	LTVIP2025TMID50208
ProjectName	ToyCraftTales:Tableau'sVisionintoToy ManufacturerData
MaximumMarks	

ModelPerformanceTesting:

Projectteamshallfillthefollowinginformationinmodelperformancetestingtemplate.

S.No.	Parameter	Screenshot/Values
1.	Data Rendered	State-wise toy manufacturer data from 2000–2022, includingnumberofmanufacturers,year-wisetrends,toy categories,regionalinsights
2.	Data Preprocessing	CleanedinExcelandTableauPrep:missingvaluesremoved, renamed fields, created time hierarchies (Year, Month), filteredoutirrelevantrows
3.	Utilizationof Filters	Filtersused:Year,State,ToyType,Season,SalesVolume, Demographic Segment (e.g., age group)
4.	CalculationfieldsUsed	Calculated Fields in Tableau: % Growth, CAGR, Sales by Season,TopToybyRegion,AverageSalesperManufacturer
5.	Dashboarddesign	NoofVisualizations/Graphs-5
6	StoryDesign	NoofVisualizations/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.TheviewisfilteredonState,which keeps 10 of 52 members. **AnalysisonToyManufacturerbyindex-**Countof IndexandIndexforeachIndex(bin).Colorshows details about count of Index and Index. **AnalysisonToyManufacturers-**CountofWeek39 -USToyManufacturers-2005to2016.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 aboutState.ThemarksarelabeledbysumofIndex

		andState.TheviewisfilteredonState,whichkeeps of 52 members. • **Analysis on Number of Manufacturers by Year-** The plot of sum of Number of Manufacturers for Year.ThemarksarelabeledbysumofNumberof Manufacturers.	10