

# **FUNCTION AND PERFORMANCE TESTING**

## **MODEL PERFORMANCE TEST**

Date	FEBRUARY 2026
Team ID	LTVIP2026TMIDS50391
Project Name	ToyCraft tales: tableau's vision into toy manufacturer data
Maximum Marks	

Model performance Testing:

S.NO	Parameter	Screenshot/values
1.	Data Rendered	Shown below
2.	Data Preprocessing	Shown below
3.	Utilization of Filters	Shown below
4.	Calculation fields Used	Shown below
5.	Dashboard design	No of Visualizations / Graphs
6.	Story Design	No of Visualizations / Graphs

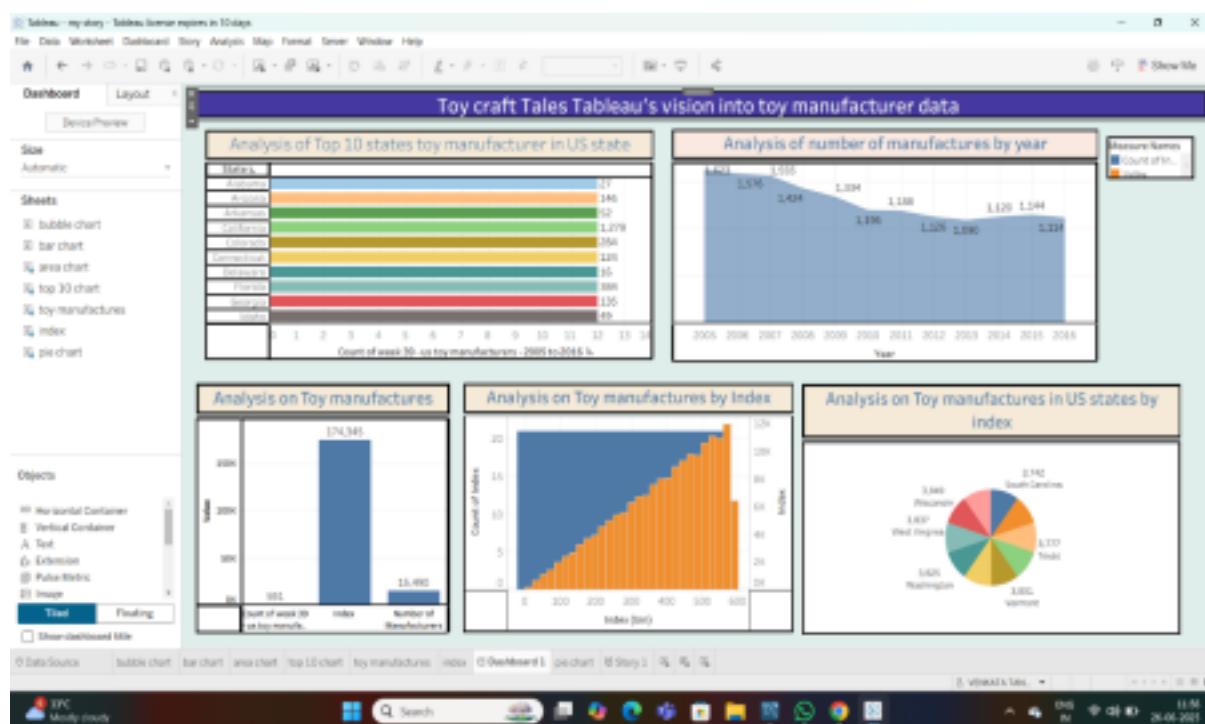
## Data Rendered

The screenshot shows the MySQL Workbench interface with the following details:

- Schemas:** Local instance MySQL80
- Table Details:**
  - Engine: InnoDB
  - Row Format: Dynamic
  - Column count: 4
  - Table rows: 591
  - Avg row length: 138
  - Data length: 64.0 KB
  - Index length: 0.0 bytes
  - Max data length: 0.0 bytes
  - Data free: 0.0 bytes
  - Table size (estimate): 64.0 KB
- Columns:**

index	int
State	text
Year	int
Number of Manufacturers	int
- Output:** Action Output

## Utilization of filters



## Calculation fields Used

**Navigator**

**SCHEMAS**

Filter objects

- ▶ joins
- ▶ studentdb
- ▶ studentsdb
- ▶ sys
- ▶ toycraft\_tales
  - ▶ Tables
    - ▶ week 39 - us toy manufa
      - ▶ Columns
      - ▶ Indexes
      - ▶ Foreign Keys
      - ▶ Triggers
    - ▶ Views
    - ▶ Stored Procedures
    - ▶ Functions

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Administration   Schemas

Information

**Table: week 39 - us toy manufacturers - 2005 to 2016**

**Columns:**

index	int
State	text
Year	int
Number of Manufacturers	int

## Dashboard design

The screenshot displays a Tableau dashboard titled "Toy craft Tales Tableau's vision into toy manufacturer data". The dashboard consists of five main visualizations:

- Analysis of Top 10 states toy manufacturer in US state:** A horizontal bar chart showing the count of toy manufacturers from 2005 to 2015 across various US states. The top states are California, Texas, New York, Illinois, Michigan, Ohio, Pennsylvania, Indiana, and Massachusetts.
- Analysis of number of manufactures by year:** A bubble chart showing the count of toy manufacturers per year from 2005 to 2015. The count shows a general upward trend over time.
- Analysis on Toy manufactures:** A bar chart comparing the index and number of manufacturers for two categories: 1985 and 2015. The index increased from 11,490 to 174,345, while the number of manufacturers increased from 1,000 to 1,000.
- Analysis on Toy manufactures by Index:** A histogram showing the distribution of toy manufacturers based on their index values. The x-axis represents the index range in millions, and the y-axis represents the count of manufacturers.
- Analysis on Toy manufactures in US states by index:** A pie chart illustrating the distribution of toy manufacturers across US states based on their index. The largest share is held by North Carolina.

On the left side of the interface, there are navigation menus for "Dashboard", "Layout", "Device/Preview", "Size", "Automatic", "Sheets", and "Objects". The "Objects" menu includes options like Horizontal Container, Vertical Container, Text, Extension, Public Metric, Image, Title, Floating, and User-defined title. At the bottom, there are tabs for "DataSource" and various chart types, along with a search bar and system icons.

1. Analysis of the number of Manufacturers by Year
2. Analysis of Toy Manufacturer by Index
3. Analysis of toy Manufacturers in US state By Index
4. Analysis of Toy Manufacturers
5. Top 10 states toy manufacturer in US state

## Story design

