

# **FUNCTION AND PERFORMANCE TESTING**

## **MODEL PERFORMANCE TEST**

Date	January 2026
Team ID	LTVIP2026TMIDS37677
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-5
6.	Story Design	No of Visualizations / Graphs-5

## Data Rendered

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

- Schemas:** Local instance MySQL80, superstore, toyraft\_tales
- Table Details:**
  - Engine: InnoDB
  - Row format: Dynamic
  - Column count: 4
  - Table rows: 591
  - Avg row length: 110
  - 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
  - File format:
  - Data path:
  - Update time: 2026-02-05 19:05:40
  - Create time: 2026-02-05 19:03:38
- Columns:**

Name	Type
Index	int
State	text
Year	int
Number of Manufacturers	int
- Output:** Action Output
- System Bar:** Shows the date as 2/9/2026, time as 10:04 PM, and battery level at 81%.

## Utilization of filters

The screenshot shows a Tableau dashboard titled "Toy Crafts Tableau's Vision Into Toy Manufacturer Data" with the following components:

- Analysis On Number Of Manufacturer By Year:** A bar chart showing the number of manufacturers from 2006 to 2016. The values are: 2006 (1,576), 2007 (1,555), 2008 (1,334), 2009 (1,424), 2010 (1,188), 2011 (1,196), 2012 (1,126), 2013 (1,120), 2014 (1,144).
- Analysis On Toy Manufacturer By Index:** A stacked bar chart showing the count of index by index bin. The bins are: 20.7, 82.8, 144.9, 207.0, 269.1, 331.2, 393.3, 455.4, 517.5, 10K, 5K, 0K.
- Analysis On Toy Manufacturer:** A bar chart showing the value of manufacturers. The values are: Count of Week 39 - us toy manufacturers (591), Index (174,345), Number of Manufacturers (15,490).
- Top 10 States Toy Manufacturer In US State:** A horizontal bar chart showing the top 10 states with the highest number of manufacturers. The states and counts are: Alabama (12), Arizona (12), Arkansas (12), California (12), Colorado (12), Connecticut (12), Delaware (12), Florida (12), Georgia (12), Idaho (12).
- Analysis On Toy Manufacturer In US State By Index:** A bar chart showing the count of week 39 - us toy manufacturers by state. The counts are: Alabama (3,861), Arizona (3,742).

**Dashboard Tools:**

- Layout: Dashboard, Desktop, Phone.
- Size: Custom size (1000 x 1000).
- Sheets: Area Chart, Index, Toy Manufacturer, Top 10..., Analysis On Toy... (selected).
- Objects: Horizontal Container, Vertical Container, Text, Extension, Pulse Metric, Image.
- Filters: Tiled (selected), Floating.
- Show dashboard title: checked.

**Measure Names:**

- Count of Index
- Index

**Count of Index:**

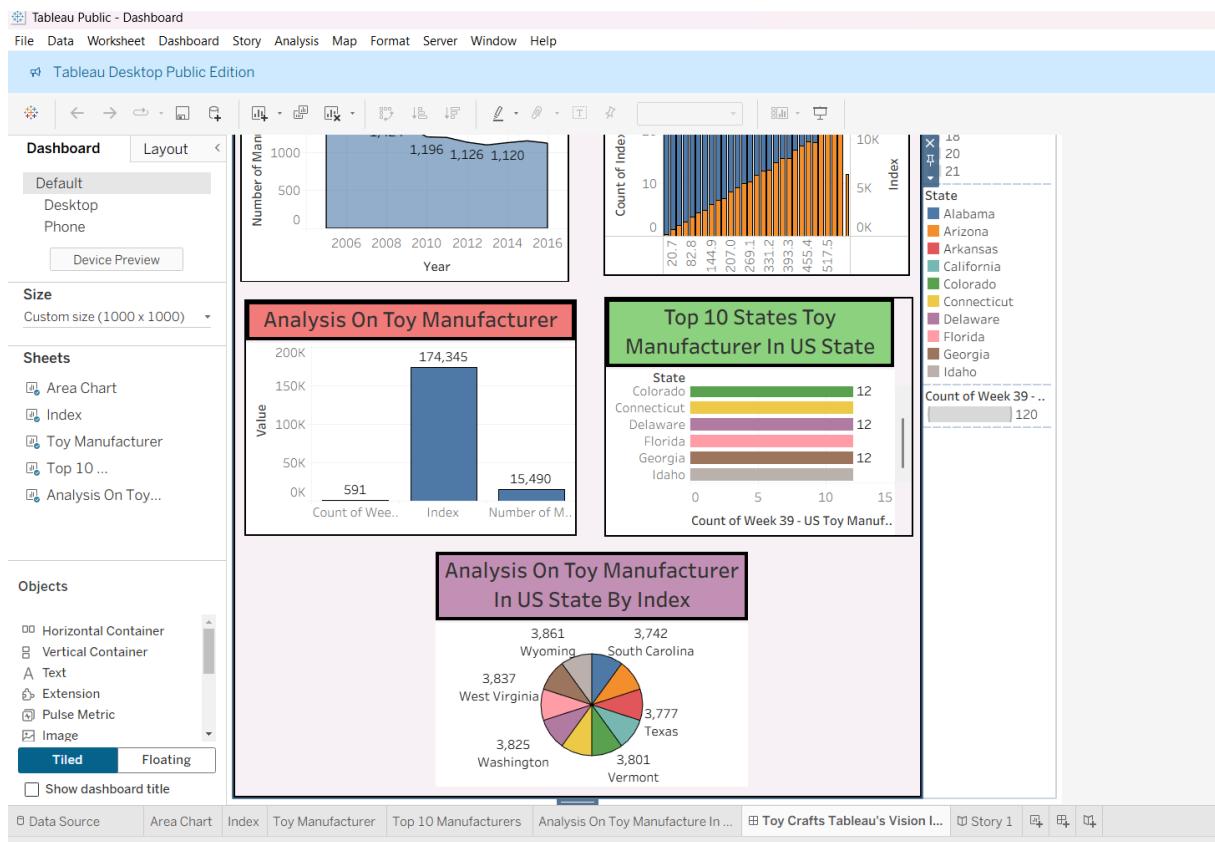
- 11
- 12
- 14
- 16
- 18
- 20
- 21

**State:**

- Alabama
- Arizona
- Arkansas
- California
- Colorado
- Connecticut
- Delaware
- Florida
- Georgia
- Idaho

**Count of Week 39 - ..:**

- 120



## Calculation fields Used



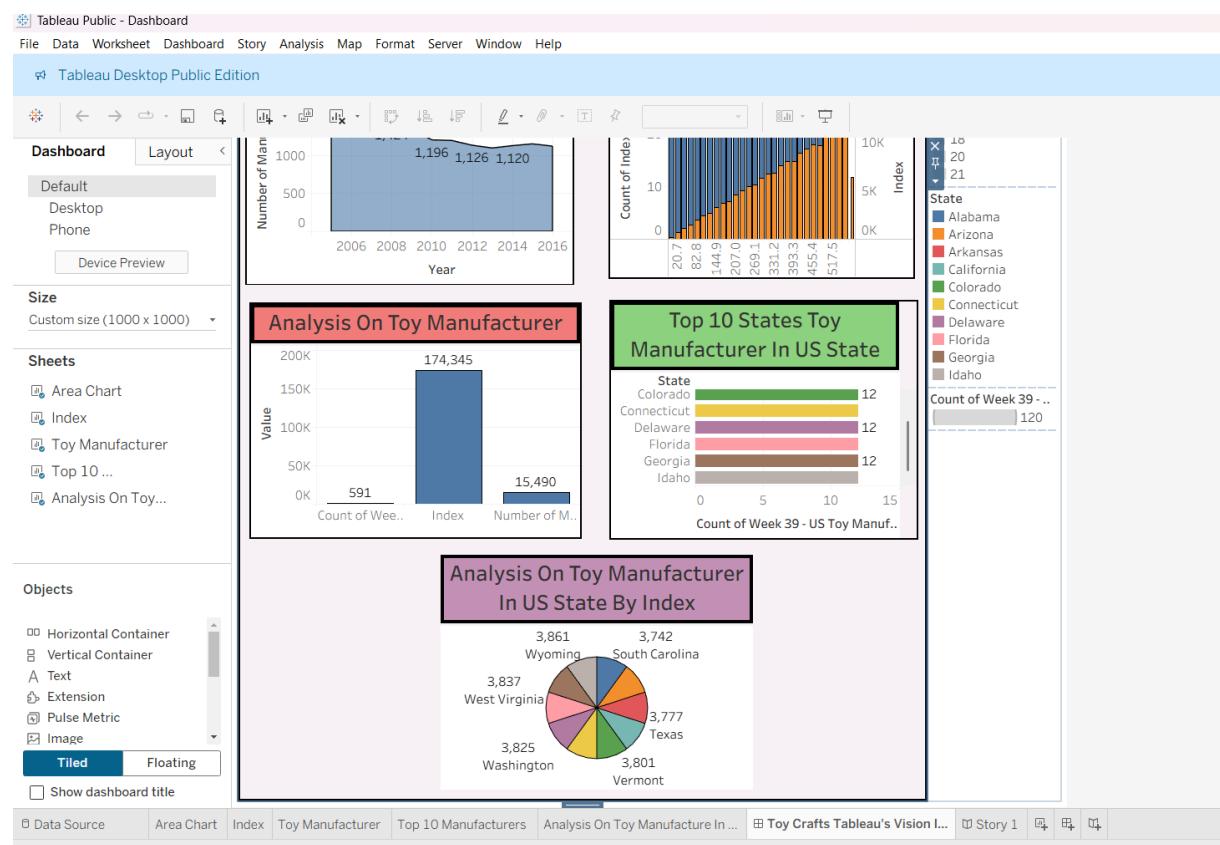
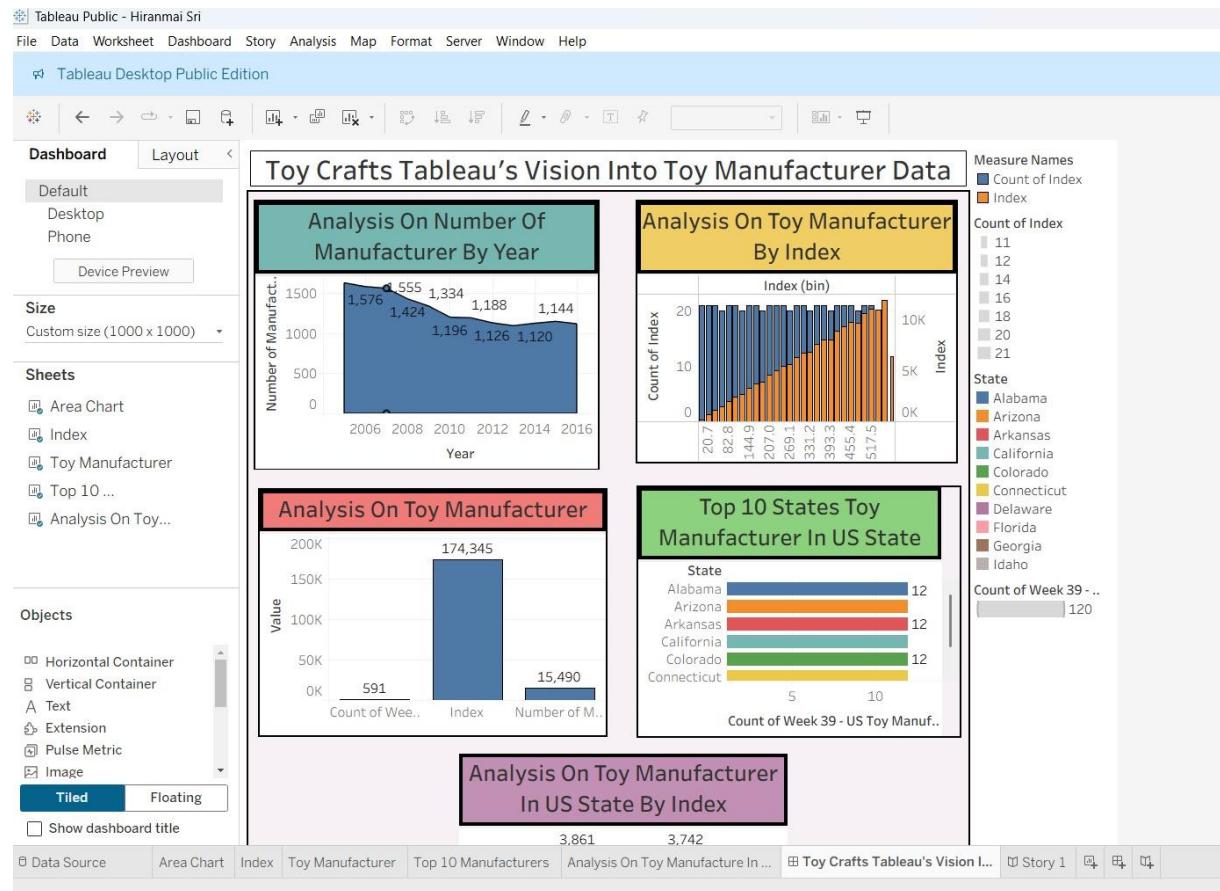
Tableau Desktop Public Edition

The screenshot shows the Tableau Desktop Public Edition interface. The top navigation bar includes icons for file, edit, and view, followed by "Tableau Desktop Public Edition". Below the bar are tabs for "Data" and "Analytics", with "Data" currently selected. A search bar and a filter icon are also present. The main pane is titled "Tables" and lists several data items:

- Index (bin)
- Number of Manufacturers (...)
- State
- Year
- Measure Names**
- Index
- Number of Manufacturers
- Latitude (generated)
- Longitude (generated)
- Week 39 - US Toy Manufac...
- Measure Values

On the right side, there is a vertical toolbar with icons for sheet, color, column, and detail.

# Dashboard design



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

