

FUNCTION AND PERFORMANCE TESTING

MODEL PERFORMANCE TEST

Date	February 2026
Team ID	LTVIP2026TMIDS37354
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. The left pane displays the Navigator with Schemas and Tables. The right pane shows the 'Table Details' for the 'week 39 - us toy manufacturers - 2005 to 2016' table. The table has the following characteristics:

Engine:	InnoDB
Row format:	Dynamic
Column count:	4
Table rows:	591
Avg row length:	110
Data length:	64.0 KiB
Index length:	0.0 bytes
Max data length:	0.0 bytes
Data free:	0.0 bytes
Table size (estimate):	64.0 KiB
File format:	
Data path:	
Update time:	

The 'Information' pane shows the table definition:

```
Table: week 39 - us toy manufacturers - 2005 to 2016
Columns:
index      int
State       text
Year        int
Number of Manufacturers int
```

The 'Output' pane shows the 'Action Output' tab.

Utilization of filters

The screenshot shows a Tableau dashboard titled "Toy craft Tales Tableau's vision into toy manufacturer data". The dashboard contains five visualizations:

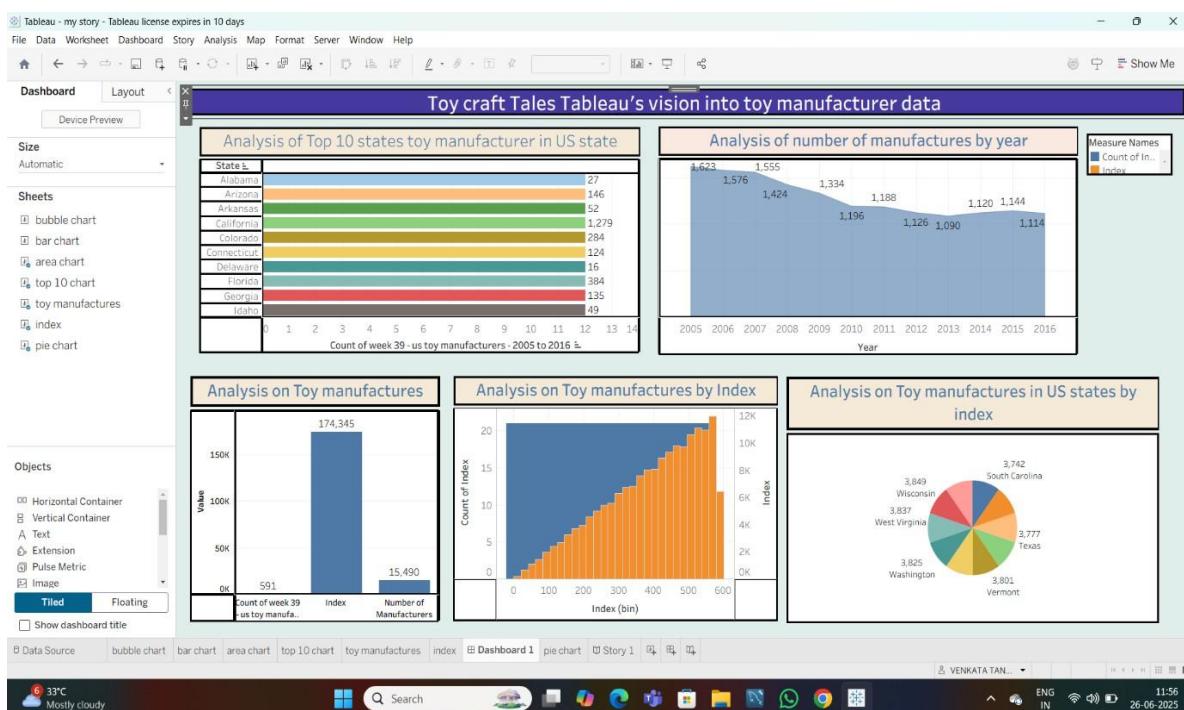
- Analysis of Top 10 states toy manufacturer in US state:** A horizontal bar chart showing the count of manufacturers by state. The top states are Alabama (27), Arizona (146), Arkansas (52), California (1,279), Colorado (294), Connecticut (124), Delaware (16), Florida (384), Georgia (135), and Idaho (49).
- Analysis of number of manufactures by year:** A bubble chart showing the count of manufacturers per year from 2005 to 2016. The counts are: 2005 (1,623), 2006 (1,576), 2007 (1,424), 2008 (1,334), 2009 (1,188), 2010 (1,196), 2011 (1,126), 2012 (1,090), 2013 (1,144), 2014 (1,120), 2015 (1,114), and 2016 (1,114).
- Analysis on Toy manufactures:** A bar chart showing the count of manufacturers by index. The values are: 591 (Count of week 39 - us toy manufa.), 174,345 (Index), and 15,490 (Number of Manufacturers).
- Analysis on Toy manufactures by Index:** A histogram showing the count of manufacturers by index bin. The x-axis is 'Index (bin)' and the y-axis is 'Count of index'.
- Analysis on Toy manufactures in US states by index:** A pie chart showing the count of manufacturers in US states by index. The states and their counts are: South Carolina (3,742), Wisconsin (3,849), West Virginia (3,837), Texas (3,777), Washington (3,825), and Vermont (3,801).

The dashboard also includes a sidebar with filters for Size (Automatic), Sheets (bubble chart, bar chart, area chart, top 10 chart, toy manufactures, index, pie chart), and Objects (Horizontal Container, Vertical Container, Text, Extension, Pulse Metric, Image). The bottom navigation bar includes tabs for Data Source, bubble chart, bar chart, area chart, top 10 chart, toy manufactures, index, Dashboard 1, pie chart, Story 1, and a search bar.

Calculation fields Used

The screenshot shows the Oracle SQL Developer Navigator interface. The left pane displays the SCHEMAS tree, which includes joins, studentdb, studentsdb, sys, and toycraft_tales. Under toycraft_tales, there are Tables, Views, Stored Procedures, and Functions. The Tables node is expanded, showing 'week 39 - us toy manufa'. The right pane shows the detailed structure of this table, including its columns: index (int), State (text), Year (int), and Number of Manufacturers (int). The title bar indicates the current table is 'Table: week 39 - us toy manufacturers - 2005 to 2016'.

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

