

FUNCTION AND PERFORMANCE TESTING

MODEL PERFORMANCE TEST

Date	FEBRUARY 2026
Team ID	LTVIP2026TMIDS58715
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, toycraft_tales.week 39 - us toy...
- Table Details:** 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.
- Columns:**

index	int
State	text
Year	int
Number of Manufacturers	int
- Output:** Action Output, #, Time, Action.

Utilization of filters

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

- Analysis of Top 10 states toy manufacturer in US state:** A horizontal bar chart showing the count of week 39 - us toy manufacturers from 2005 to 2016 for top 10 states. The data is as follows:

State	Count
Alabama	27
Arizona	146
Arkansas	52
California	1,279
Colorado	284
Connecticut	124
Delaware	16
Florida	384
Georgia	135
Idaho	49
- Analysis of number of manufactures by year:** A bubble chart showing the count of week 39 - us toy manufacturers from 2005 to 2016. The data is as follows:

Year	Count
2005	4,623
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	1,114
- Analysis on Toy manufactures:** A bar chart showing the count of week 39 - us toy manufacturers. The data is as follows:

Value	Count of week 39 - us toy manufa.	Index	Number of Manufacturers
0K	591	174,345	15,490
- Analysis on Toy manufactures by Index:** A histogram showing the count of week 39 - us toy manufacturers by index bin. The data is as follows:

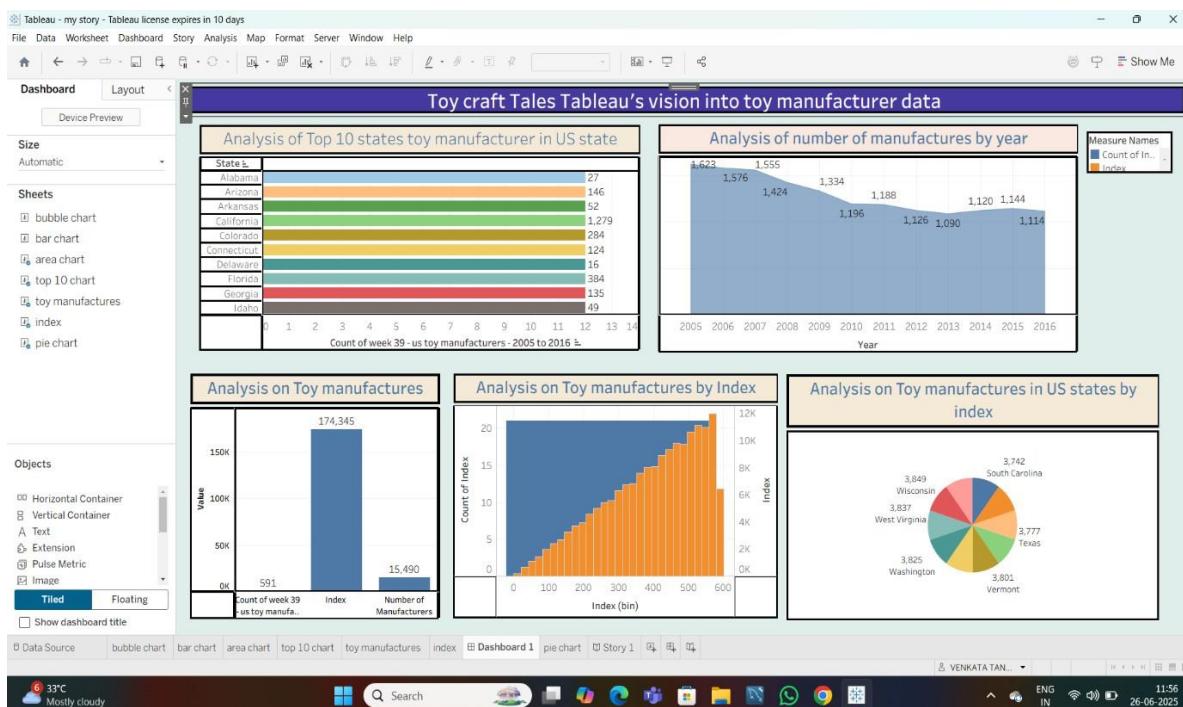
Index (bin)	Count of Index
0	0
100	0
200	0
300	0
400	0
500	12K
600	10K
700	8K
800	6K
900	4K
1000	2K
1100	0
- Analysis on Toy manufactures in US states by index:** A pie chart showing the count of week 39 - us toy manufacturers in US states by index. The data is as follows:

State	Count
South Carolina	3,742
Texas	3,777
Vermont	3,801
Washington	3,825
West Virginia	3,837
Wisconsin	3,849

Calculation fields Used

The screenshot shows the Oracle SQL Navigator interface. In the top left, under 'SCHEMAS', there is a tree view of databases: joins, studentdb, studentsdb, sys, and toycraft_tales. Under 'Tables' in the 'toycraft_tales' schema, the 'week 39 - us toy manufa' table is selected. The table has four columns: index (int), State (text), Year (int), and Number of Manufacturers (int). The 'Information' tab at the bottom displays this table structure.

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

