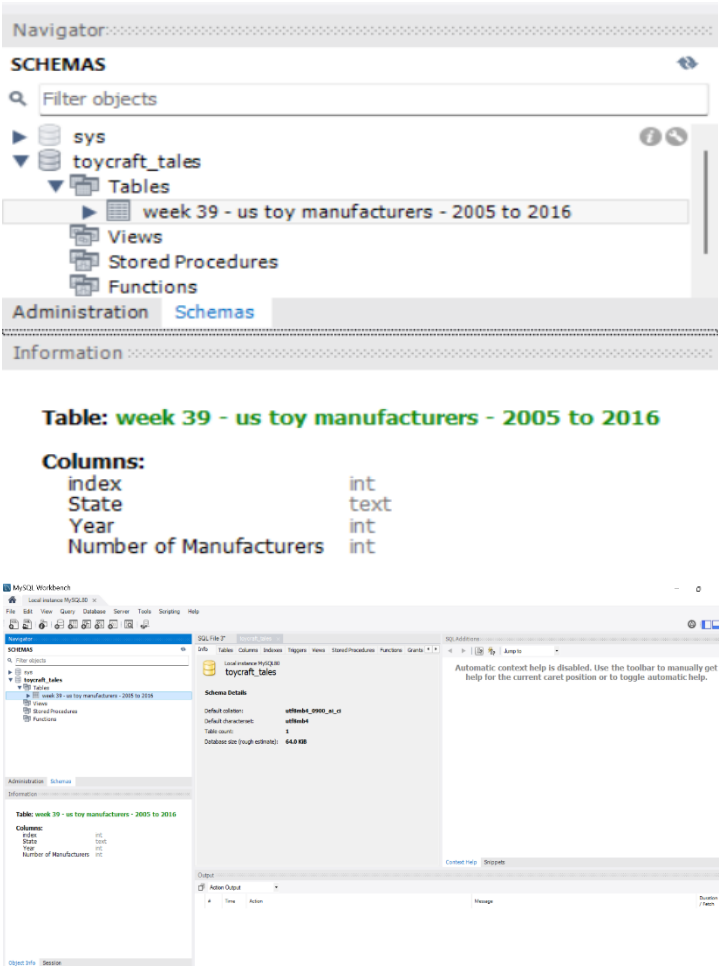


## Project Development Phase Model Performance Test

Date	26 June 2025
Team ID	LTVIP2025TMID48377
Project Name	ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data
Maximum Marks	

### Model Performance Testing:

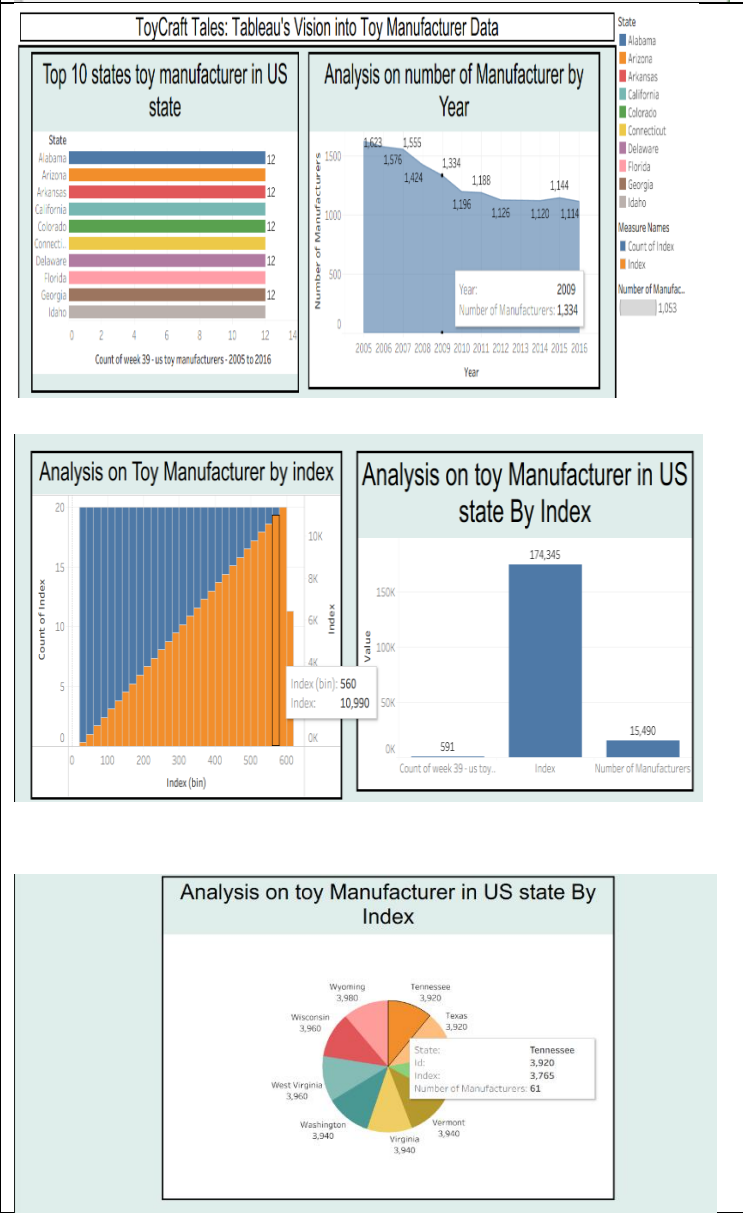
Project team shall fill the following information in model performance testing template.

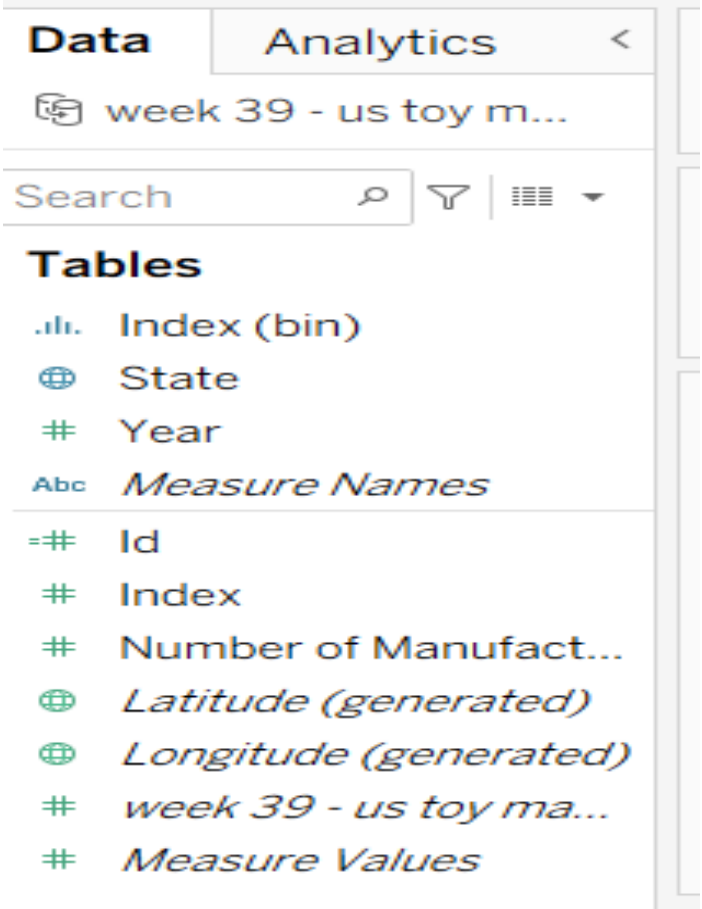
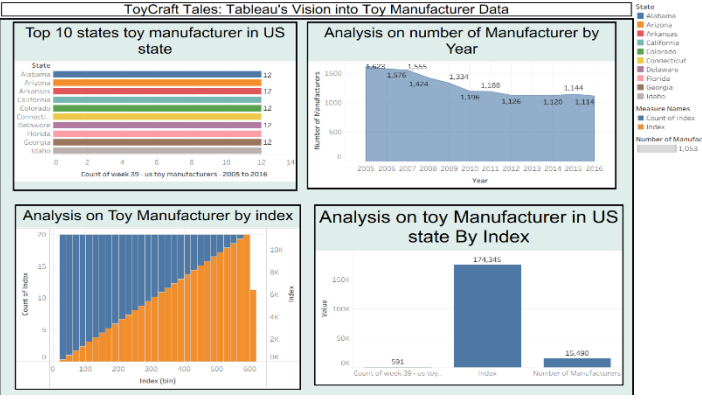
S.No.	Parameter	Screenshot / Values
1.	Data Rendered	 <p>The screenshot displays the Microsoft SQL Server Enterprise Manager interface. The 'toyrcraft_tales' database is selected, and the 'Tables' folder is expanded, showing the table 'week 39 - us toy manufacturers - 2005 to 2016'. The 'Information' pane on the right shows the table's columns: index (int), State (text), Year (int), and Number of Manufacturers (int).</p>

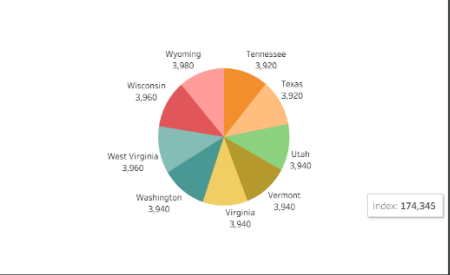
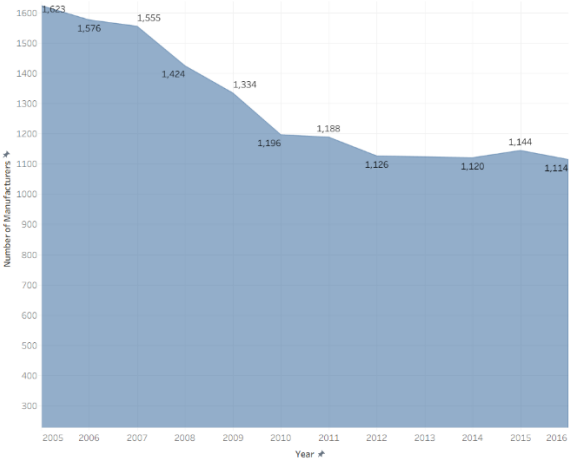
2.	Data Preprocessing	<div data-bbox="646 199 1190 737"><div>Search</div><div>Filters</div><div>Create Calculated Field...</div><div>Create Parameter...</div><div>Group by Folder</div><div>▪ Group by Data Source Table</div><div>▪ Sort by Name</div><div>Sort by Data Source Order</div><div>Hide All Unused Fields</div><div>Show Hidden Fields</div><div>Expand All</div><div>Collapse All</div></div> <div data-bbox="646 747 1356 1102"><div>Id</div><div><math display="block">\text{INT}([Index] + 20) / 20 * 20</math></div><div>The calculation is valid. 4 Dependencies</div><div>Apply OK</div></div> <div data-bbox="646 1144 1356 1780"><div><div><div>Add to Sheet</div><div>Show Filter</div><div>Cut</div><div>Copy</div><div>Edit...</div><div>Duplicate</div><div>Rename</div><div>Hide</div><div>Delete</div><div>Create</div><div>Convert to Discrete</div><div>Convert to Dimension</div><div>Change Data Type</div><div>Default Properties</div><div>Geographic Role</div><div>Group by</div><div>Folders</div><div>Replace References...</div><div>Describe...</div></div><div><div>Calculated Field...</div><div>Group...</div><div>Bins...</div><div>Parameter...</div></div></div><div>Sheet 4 Sheet 5 Dashboard</div></div>
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3.	
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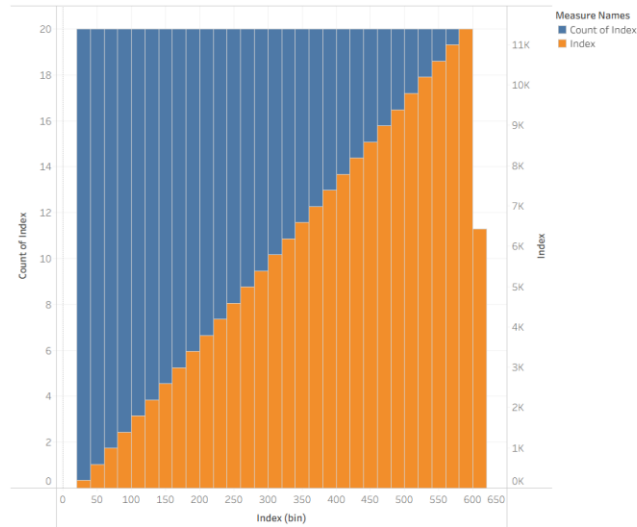


4.	Calculation fields Used	 <p>The screenshot shows the Tableau 'Data' pane. At the top, there are tabs for 'Data' and 'Analytics'. Below them is a search bar and a filter icon. The 'Tables' section lists the following fields:</p> <ul style="list-style-type: none"> <li>Index (bin)</li> <li>State</li> <li>Year</li> <li>Measure Names</li> <li>Id</li> <li>Index</li> <li>Number of Manufact...</li> <li>Latitude (generated)</li> <li>Longitude (generated)</li> <li>week 39 - us toy ma...</li> <li>Measure Values</li> </ul>
5.	Dashboard design	<p>No of Visualizations / Graphs –</p> <ol style="list-style-type: none"> <li>1. Analysis of the number of Manufacturers by Year</li> <li>2. Analysis of Toy Manufacturer by Index</li> <li>3. Analysis of toy Manufacturers in US state By Index</li> <li>4. Analysis of Toy Manufacturers</li> <li>5. Top 10 states toy manufacturer in US state</li> </ol>  <p>The dashboard titled 'ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data' contains four visualizations:</p> <ul style="list-style-type: none"> <li><b>Top 10 states toy manufacturer in US state:</b> A horizontal bar chart showing the count of toy manufacturers for the top 10 states. The states and their counts are: Alabama (12), Arizona (17), Arkansas (12), California (12), Colorado (17), Connecticut (12), Delaware (17), Florida (12), Georgia (12), and Idaho (12).</li> <li><b>Analysis on number of Manufacturer by Year:</b> A line chart showing the number of manufacturers from 2005 to 2016. The data points are: 2005 (1,425), 2006 (1,376), 2007 (1,434), 2008 (1,334), 2009 (1,334), 2010 (1,334), 2011 (1,334), 2012 (1,334), 2013 (1,334), 2014 (1,334), 2015 (1,334), and 2016 (1,334).</li> <li><b>Analysis on Toy Manufacturer by index:</b> A dual-axis chart showing the count of manufacturers (blue bars) and the index (orange area) from 0 to 600. The count of manufacturers increases linearly with the index.</li> <li><b>Analysis on toy Manufacturer in US state By Index:</b> A bar chart showing the count of manufacturers for different states. The data points are: 591 (Alabama), 174,345 (California), and 15,490 (Idaho).</li> </ul>

		<div><div>Analysis on toy Manufacturer in US state By Index</div></div>
6	Story Design	<div>No of Visualizations / Graphs –<ol style="list-style-type: none"><li>1. Analysis of the number of Manufacturers by Year</li><li>2. Analysis of Toy Manufacturer by Index</li><li>3. Analysis of toy Manufacturers in US state By Index</li><li>4. Analysis of Toy Manufacturers</li><li>5. Top 10 states toy manufacturer in US state</li></ol></div> <div><div>ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data</div><div><div>Tracking Industry Evolution: Number of Manufacturers Over the Years</div><div>Understanding Performance Through Index Analysis This story point presents an overview of toy manufacturers</div></div></div>

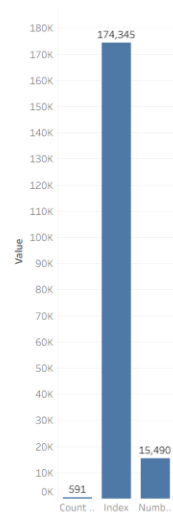
## ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data

Industry Evolution: Number of Manufacturers Over the  
Understanding Performance Through Index Analysis  
This story point presents an overview of toy manufacturers  
Geog  
This s



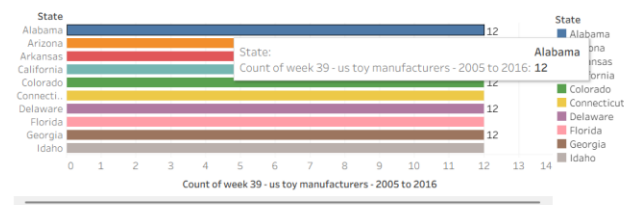
## ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data

Understanding Performance Through Index Analysis  
This point presents an overview of toy manufacturers  
Geographical Analysis of Toy Manufacturing Index  
This story point illustrates how the Index of toy manufacturers is  
Top 1  
This s



## ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data

Geographical Analysis of Toy Manufacturing Index  
This point illustrates how the Index of toy manufacturers is  
Top 10 Performing States in Toy Manufacturing  
This visualization presents the top 10 U.S. states based on their  
Index  
This s



ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data

< p.10 Performing States in Toy Manufacturing  
is visualization presents the top 10 U.S. states based on their  
Index Distribution Across Toy Manufacturers  
This pie chart segments manufacturers based on their Index  
>

