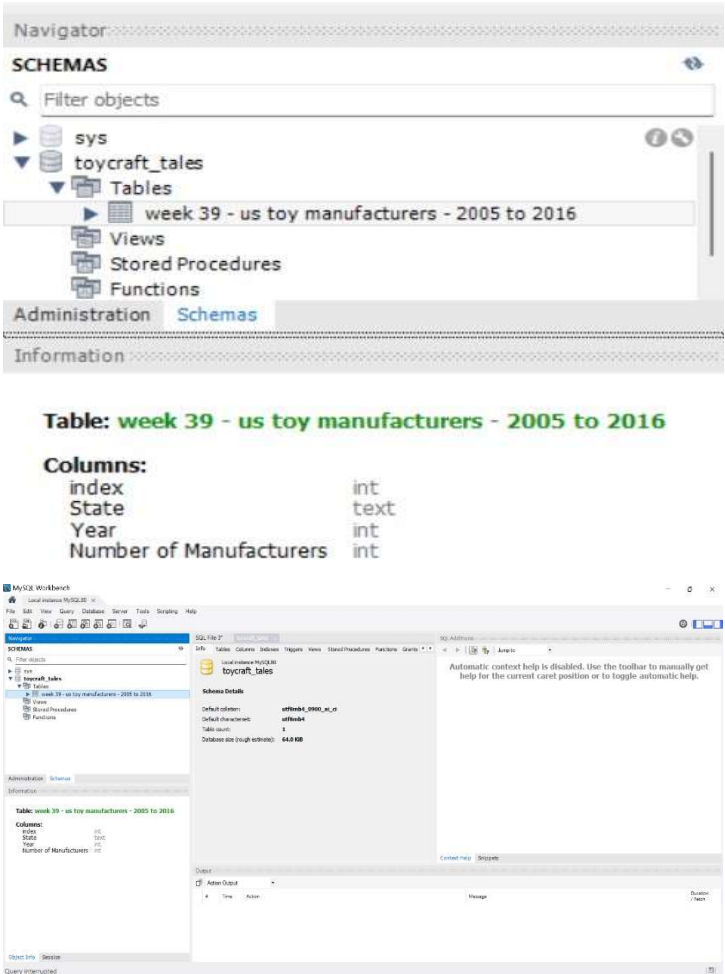


Project Development Phase Model Performance Test

Date	14 Feb 20226
Team ID	LTVIP2026TMIDS60231
Project Name	ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data
Maximum Marks	

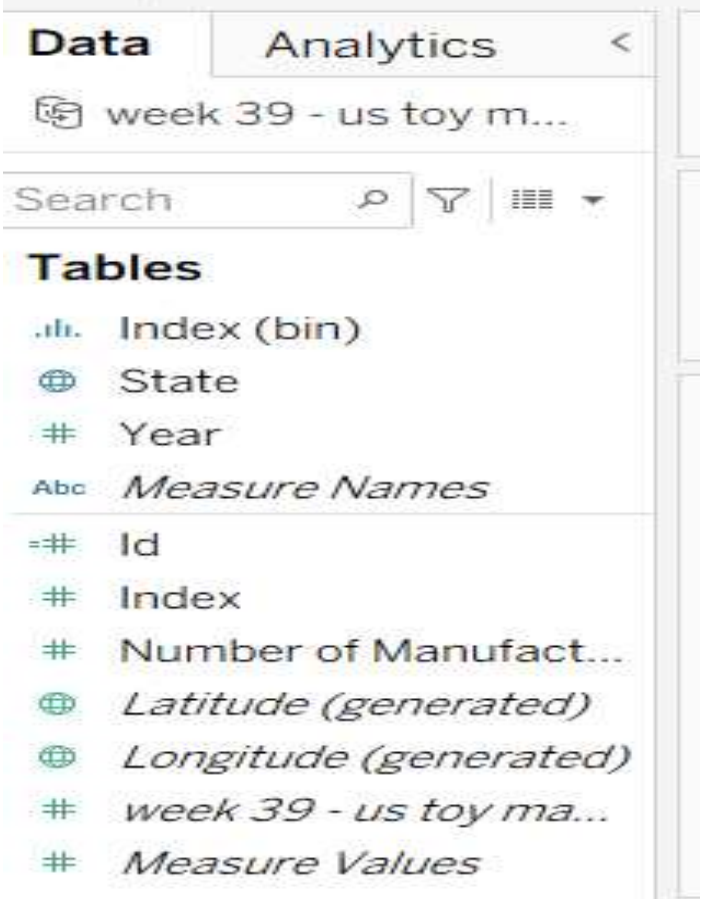
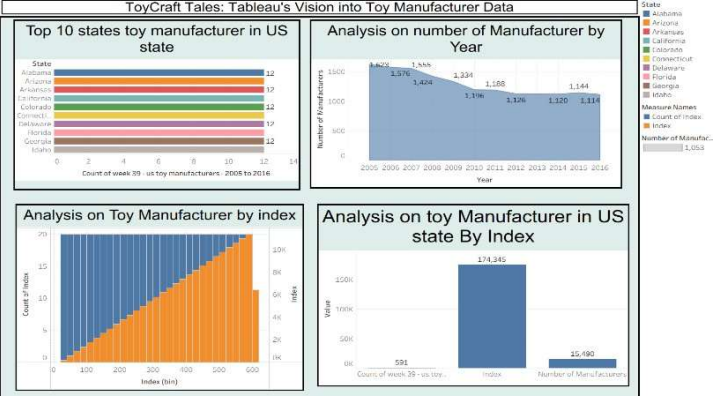
Model Performance Testing:

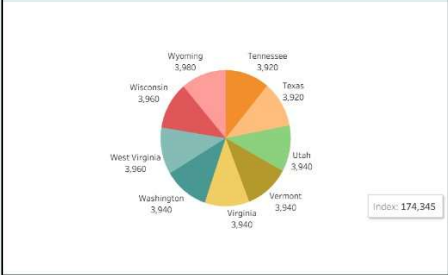
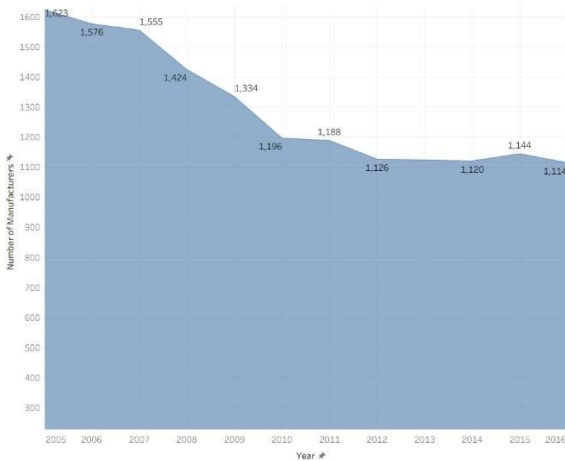
Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Screenshot / Values
1.	Data Rendered	 <p>The screenshot displays the SQL Server Enterprise Manager interface. In the 'SCHEMAS' pane on the left, the 'toyrcraft_tales' database is expanded, and the 'Tables' folder is selected. The table 'week 39 - us toy manufacturers - 2005 to 2016' is highlighted. The 'Columns' tab for this table is active, showing a list of columns and their data types: 'index' (int), 'State' (text), 'Year' (int), and 'Number of Manufacturers' (int). The 'Information' pane on the right provides details about the table, including its name, columns, and data types.</p>

2.	Data Preprocessing	<div data-bbox="646 197 1192 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 1354 1100"><div>Id</div><div>×</div><div>INT([Index] + 20) / 20 * 20</div><div>▶</div><div>The calculation is valid.</div><div>4 Dependencies</div><div>Apply</div><div>OK</div></div> <div data-bbox="646 1142 1354 1766"><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>Sheet 4</div><div>Sheet 5</div><div>Dashboard</div></div></div>
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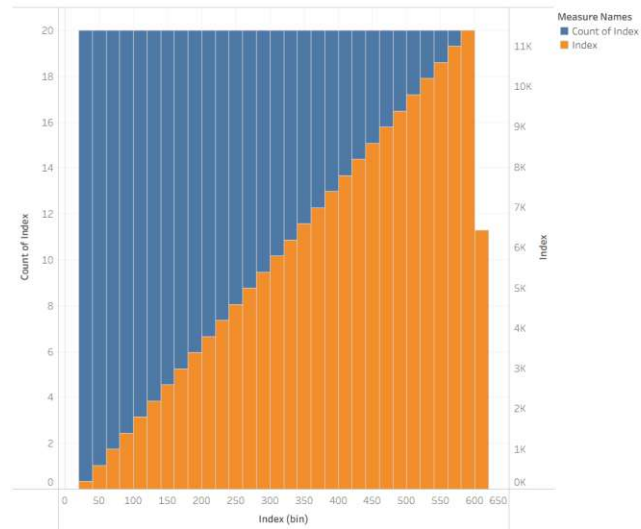
		<div><div>Edit Bins [Id]</div><div><div>New field name: Index (bin)</div><div>Size of bins: 20</div><div>Suggest Bin Size</div></div><div>Range of Values:</div><div><div>Min: 20</div><div>Diff: 580</div><div>Max: 600</div><div>CntD: 30</div></div><div><div>OK</div><div>Cancel</div></div></div>																																																																																								
3.	Utilization of Filters	<div><div><div>ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data</div><div><div>Top 10 states toy manufacturer in US state</div><div><table><tr><th>State</th><th>Count</th></tr><tr><td>Alabama</td><td>12</td></tr><tr><td>Arizona</td><td>12</td></tr><tr><td>Arkansas</td><td>12</td></tr><tr><td>California</td><td>12</td></tr><tr><td>Colorado</td><td>12</td></tr><tr><td>Connecticut</td><td>12</td></tr><tr><td>Delaware</td><td>12</td></tr><tr><td>Florida</td><td>12</td></tr><tr><td>Georgia</td><td>12</td></tr><tr><td>Idaho</td><td>12</td></tr></table></div></div><div><div>Analysis on number of Manufacturer by Year</div><div><table><tr><th>Year</th><th>Number of Manufacturers</th></tr><tr><td>2005</td><td>1,623</td></tr><tr><td>2006</td><td>1,576</td></tr><tr><td>2007</td><td>1,424</td></tr><tr><td>2008</td><td>1,334</td></tr><tr><td>2009</td><td>1,188</td></tr><tr><td>2010</td><td>1,136</td></tr><tr><td>2011</td><td>1,125</td></tr><tr><td>2012</td><td>1,120</td></tr><tr><td>2013</td><td>1,114</td></tr><tr><td>2014</td><td>1,114</td></tr><tr><td>2015</td><td>1,114</td></tr></table></div></div></div><div><div>Analysis on Toy Manufacturer by index</div><div><table><tr><th>Index (bin)</th><th>Count of Index</th></tr><tr><td>0</td><td>1</td></tr><tr><td>100</td><td>2</td></tr><tr><td>200</td><td>3</td></tr><tr><td>300</td><td>4</td></tr><tr><td>400</td><td>5</td></tr><tr><td>500</td><td>6</td></tr><tr><td>600</td><td>7</td></tr></table></div></div><div><div>Analysis on toy Manufacturer in US state By Index</div><div><table><tr><th>Index</th><th>Value</th></tr><tr><td>591</td><td>591</td></tr><tr><td>174,345</td><td>174,345</td></tr><tr><td>15,490</td><td>15,490</td></tr></table></div></div><div><div>Analysis on toy Manufacturer in US state By Index</div><div><table><tr><th>State</th><th>Index</th></tr><tr><td>Wyoming</td><td>3,960</td></tr><tr><td>Tennessee</td><td>3,920</td></tr><tr><td>Texas</td><td>3,920</td></tr><tr><td>Wisconsin</td><td>3,960</td></tr><tr><td>West Virginia</td><td>3,960</td></tr><tr><td>Washington</td><td>3,940</td></tr><tr><td>Virginia</td><td>3,940</td></tr><tr><td>Vermont</td><td>3,940</td></tr></table></div></div></div>	State	Count	Alabama	12	Arizona	12	Arkansas	12	California	12	Colorado	12	Connecticut	12	Delaware	12	Florida	12	Georgia	12	Idaho	12	Year	Number of Manufacturers	2005	1,623	2006	1,576	2007	1,424	2008	1,334	2009	1,188	2010	1,136	2011	1,125	2012	1,120	2013	1,114	2014	1,114	2015	1,114	Index (bin)	Count of Index	0	1	100	2	200	3	300	4	400	5	500	6	600	7	Index	Value	591	591	174,345	174,345	15,490	15,490	State	Index	Wyoming	3,960	Tennessee	3,920	Texas	3,920	Wisconsin	3,960	West Virginia	3,960	Washington	3,940	Virginia	3,940	Vermont	3,940
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4.	Calculation fields Used	 <p>The screenshot shows the Tableau 'Data' pane for a worksheet named 'week 39 - us toy m...'. The fields listed are:</p> <ul style="list-style-type: none"> Index (bin) State Year Measure Names Id Index Number of Manufact... Latitude (generated) Longitude (generated) week 39 - us toy ma... Measure Values
5.	Dashboard design	<p>No of Visualizations / Graphs –</p> <ol style="list-style-type: none"> 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  <p>The dashboard, titled 'ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data', contains four visualizations:</p> <ul style="list-style-type: none"> Top 10 states toy manufacturer in US state: A horizontal bar chart showing the count of toy manufacturers for the top 10 states. The states listed are Alabama, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, and Idaho. The counts are: Alabama (12), Arizona (17), Arkansas (12), California (12), Colorado (17), Connecticut (12), Delaware (12), Florida (12), Georgia (12), and Idaho (12). Analysis on number of Manufacturer by Year: A line chart showing the number of manufacturers from 2005 to 2016. The data points are: 2005 (1,576), 2006 (1,555), 2007 (1,424), 2008 (1,234), 2009 (1,198), 2010 (1,176), 2011 (1,138), 2012 (1,120), 2013 (1,114), 2014 (1,114), 2015 (1,114), and 2016 (1,114). Analysis on Toy Manufacturer by index: A dual-axis chart showing the count of manufacturers (left axis, 0 to 20) and the index (right axis, 0 to 600) for each state. The chart shows a positive correlation between the index and the count of manufacturers. Analysis on toy Manufacturer in US state By Index: A bar chart showing the number of manufacturers for each state. The data points are: Alabama (591), Arizona (274,385), and Idaho (15,490).

		<div><div>Analysis on toy Manufacturer in US state By Index</div><table><tr><th>State</th><th>Index</th></tr><tr><td>Wyoming</td><td>3,940</td></tr><tr><td>Tennessee</td><td>3,920</td></tr><tr><td>Texas</td><td>3,320</td></tr><tr><td>Utah</td><td>3,940</td></tr><tr><td>Vermont</td><td>3,940</td></tr><tr><td>Virginia</td><td>3,940</td></tr><tr><td>Washington</td><td>3,940</td></tr><tr><td>West Virginia</td><td>3,960</td></tr><tr><td>Wisconsin</td><td>3,960</td></tr><tr><td>Total</td><td>174,345</td></tr></table></div>	State	Index	Wyoming	3,940	Tennessee	3,920	Texas	3,320	Utah	3,940	Vermont	3,940	Virginia	3,940	Washington	3,940	West Virginia	3,960	Wisconsin	3,960	Total	174,345				
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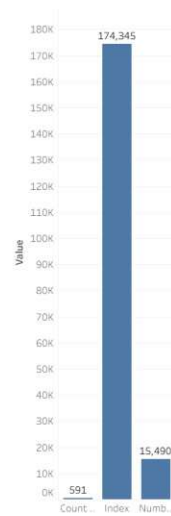
ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data

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



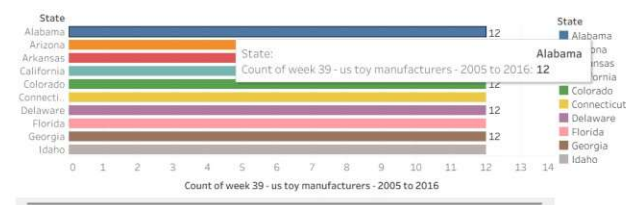
ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data

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



ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data

Geographical Analysis of Toy Manufacturing Index
This story 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



ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data

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Index Distribution Across Toy Manufacturers
This pie chart segments manufacturers based on their Index

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