

Project Development Phase Model Performance Test

Date	14 Feb 2026
Team ID	LTVIP2026TMIDS60231
Project Name	ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data
Maximum Marks	

Model Performance Testing:

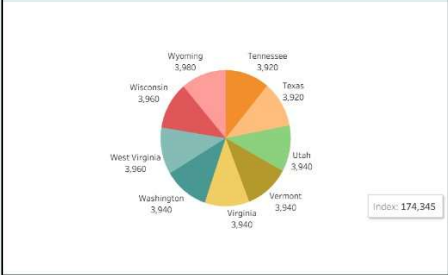
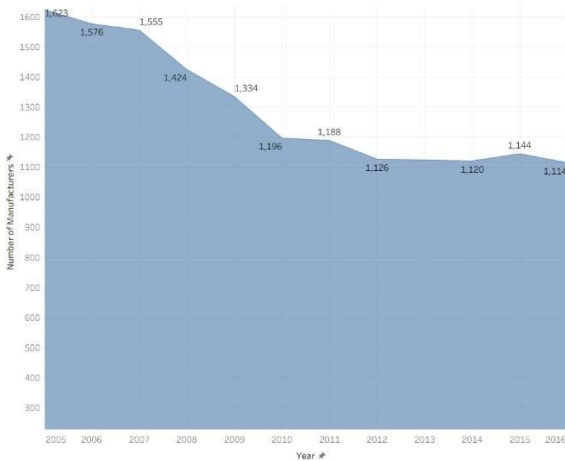
Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Screenshot / Values
1.	Data Rendered	<p>The screenshot displays the SQL Server Enterprise Manager interface. In the 'SCHEMAS' pane, the 'toyrcraft_tales' database is selected, and the 'Tables' folder is expanded. The table 'week 39 - us toy manufacturers - 2005 to 2016' is highlighted. The 'Columns' pane shows the following data types: index (int), State (text), Year (int), and Number of Manufacturers (int). Below the main screenshot, a smaller screenshot shows the 'Schema Details' window for the same table, confirming the column names 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 1768"><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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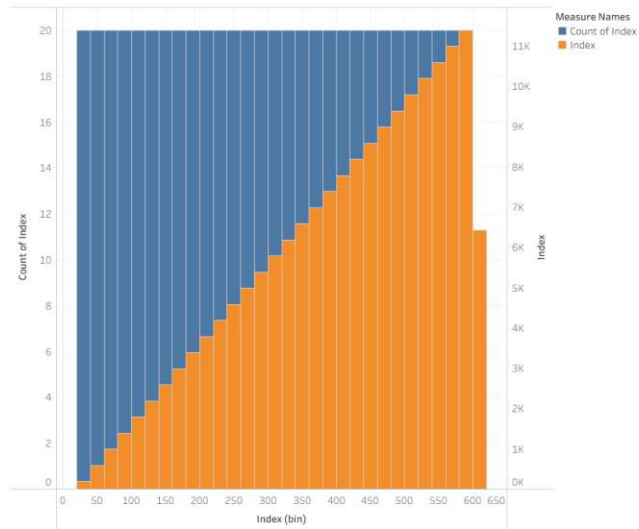
		<div><div>Edit Bins [Id]</div><div><div>New field name: Index (bin)</div><div>Size of bins: 20</div><div>Suggest Bin Size</div></div><div>Range of Values:</div><div><div>Min: 20</div><div>Diff: 580</div><div>Max: 600</div><div>CntD: 30</div></div><div><div>OK</div><div>Cancel</div></div></div>																																																																																										
3.	Utilization of Filters	<div><div>ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data</div><div><div>State</div><div>Alabama</div><div>Arizona</div><div>Arkansas</div><div>California</div><div>Colorado</div><div>Connecticut</div><div>Delaware</div><div>Florida</div><div>Georgia</div><div>Idaho</div></div><div><div>Measure Names</div><div>Count of Index</div><div>Index</div><div>Number of Manufac.</div><div>1,053</div></div></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>Count of week 39 - us toy manufacturers - 2005 to 2016</div></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>1,555</td></tr><tr><td>2009</td><td>1,334</td></tr><tr><td>2010</td><td>1,188</td></tr><tr><td>2011</td><td>1,196</td></tr><tr><td>2012</td><td>1,125</td></tr><tr><td>2013</td><td>1,120</td></tr><tr><td>2014</td><td>1,114</td></tr><tr><td>2015</td><td>1,144</td></tr><tr><td>2016</td><td>1,114</td></tr></table><div>Year: 2009 Number of Manufacturers: 1,334</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>20</td></tr><tr><td>100</td><td>15</td></tr><tr><td>200</td><td>10</td></tr><tr><td>300</td><td>5</td></tr><tr><td>400</td><td>0</td></tr><tr><td>500</td><td>0</td></tr><tr><td>600</td><td>0</td></tr></table><div>Index (bin): 560 Index: 10,990</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>Count of week 39 - us toy...</td><td>591</td></tr><tr><td>Index</td><td>174,345</td></tr><tr><td>Number of Manufacturers</td><td>15,490</td></tr></table></div></div></div> <div><div>Analysis on toy Manufacturer in US state By Index</div><div><table><tr><th>State</th><th>Count of 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>State: tct Index: 3,765 Number of Manufacturers: 61</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	1,555	2009	1,334	2010	1,188	2011	1,196	2012	1,125	2013	1,120	2014	1,114	2015	1,144	2016	1,114	Index (bin)	Count of Index	0	20	100	15	200	10	300	5	400	0	500	0	600	0	Index	Value	Count of week 39 - us toy...	591	Index	174,345	Number of Manufacturers	15,490	State	Count of 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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5.	Dashboard design	<div data-bbox="641 1123 1356 1774"><p>No of Visualizations / Graphs –</p><ol style="list-style-type: none">1. Analysis of the number of Manufacturers by Year2. Analysis of Toy Manufacturer by Index3. Analysis of toy Manufacturers in US state By Index4. Analysis of Toy Manufacturers5. Top 10 states toy manufacturer in US state<div><div><div>ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data</div><div><div><div>Top 10 states toy manufacturer in US state</div><div>Analysis on number of Manufacturer by Year</div><div>Analysis on Toy Manufacturer by index</div><div>Analysis on toy Manufacturer in US state By Index</div></div><div><div>State</div><div>Year</div><div>Index</div><div>Number of Manufacturers</div></div></div></div></div></div>

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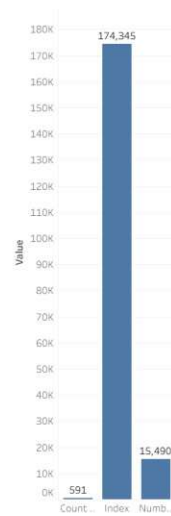
ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data

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



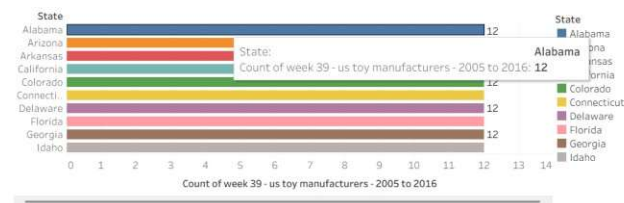
ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data

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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