

## Project Development Phase Model Performance Test

Date	26 June 2025
Team ID	LTVIP2025TMID48374
Project Name	ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data
Maximum Marks	

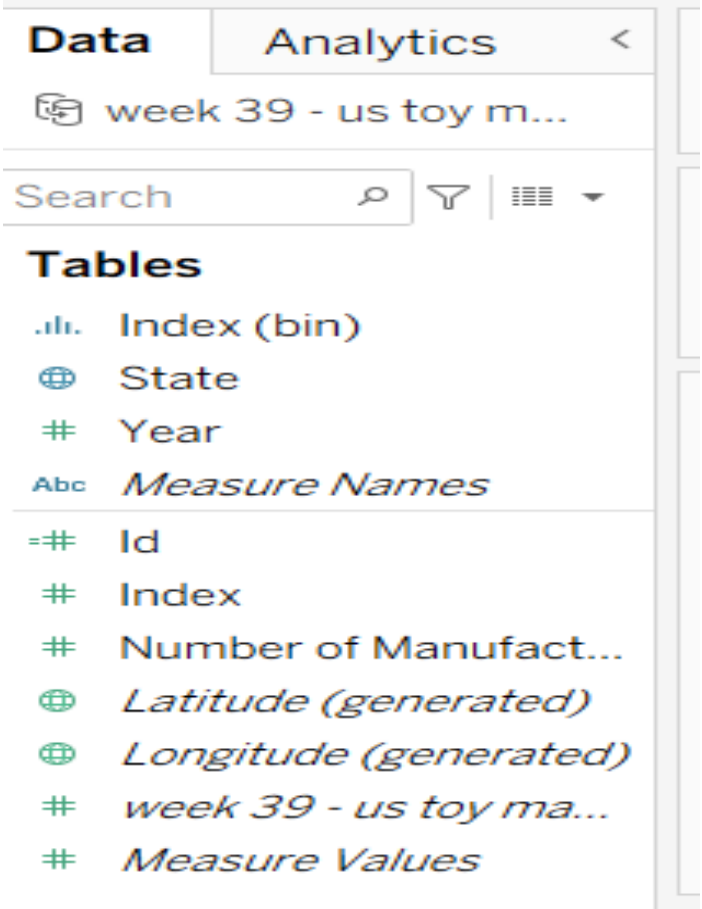
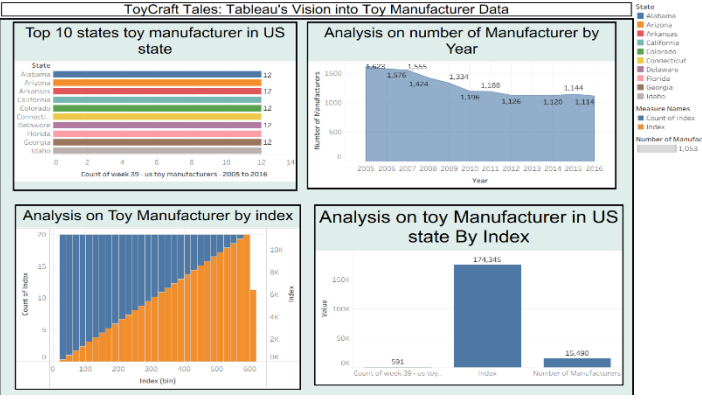
### Model Performance Testing:

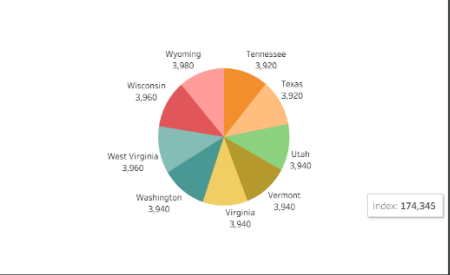
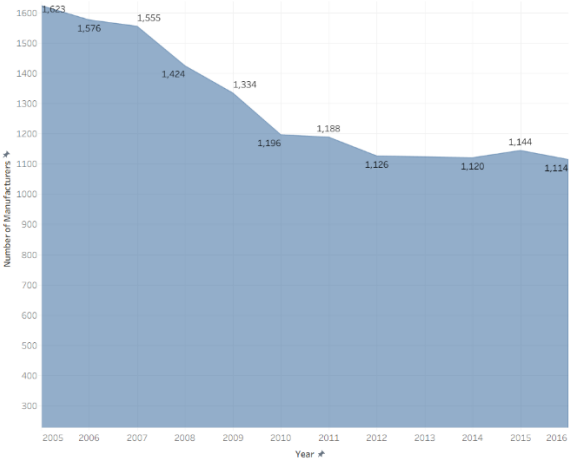
Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Screenshot / Values
1.	Data Rendered	<div><div><div><div><div>Navigator</div><div><div>SCHEMAS</div><div><div><div>Filter objects</div></div><div><div><div>sys</div><div><div>toyrcraft_tales</div><div><div>Tables</div><div><div>week 39 - us toy manufacturers - 2005 to 2016</div><div>Views</div><div>Stored Procedures</div><div>Functions</div></div></div></div></div><div>Administration</div><div>Schemas</div></div><div>Information</div></div></div><div><div>Table: week 39 - us toy manufacturers - 2005 to 2016</div><div><div>Columns:</div><div><div>index</div><div>State</div><div>Year</div><div>Number of Manufacturers</div></div><div><div>int</div><div>text</div><div>int</div><div>int</div></div></div></div></div><div><div><div>Microsoft Workbench</div><div>Local instance: MS2016</div><div>File Edit View Query Database Server Tools Scripting Help</div><div><div>SCHEMAS</div><div><div>toyrcraft_tales</div><div><div>Tables</div><div><div>week 39 - us toy manufacturers - 2005 to 2016</div><div>Views</div><div>Stored Procedures</div><div>Functions</div></div></div></div></div><div>Administration</div><div>Schemas</div></div><div>Information</div><div><div>Table: week 39 - us toy manufacturers - 2005 to 2016</div><div><div>Columns:</div><div><div>index</div><div>State</div><div>Year</div><div>Number of Manufacturers</div></div><div><div>int</div><div>text</div><div>int</div><div>int</div></div></div></div></div><div><div>SQL File Z</div><div>Local instance: MS2016</div><div>toyrcraft_tales</div><div><div>Schemas Details</div><div><div>Default collation: utf8mbk_0900_k_0</div><div>Default character set: utf8mb4</div><div>Table count: 1</div><div>Database size (rough estimate): 64.0 GB</div></div></div><div>Automatic content help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.</div><div><div>Output</div><div><div>After Output</div><div><div>Time</div><div>Action</div></div></div></div></div></div></div></div>

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</div><div>OK</div></div> <div data-bbox="646 1144 1356 1780"><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 Sheet 5 Dashboard</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>Suggest Bin Size</div></div><div>Range of Values:<div><div>Min: 20</div><div>Diff: 580</div><div>Max: 600</div><div>CntD: 30</div></div></div><div><div>OK</div><div>Cancel</div></div></div></div>																																																																																																
3.	Utilization of Filters	<div><div>ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data</div><div><div>State</div><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><div>Measure Names</div><div><div>Count of Index</div><div>Index</div><div>Number of Manufac...</div></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>1,136</td></tr><tr><td>2012</td><td>1,126</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>1,114</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>10,990</td></tr><tr><td>100</td><td>10,990</td></tr><tr><td>200</td><td>10,990</td></tr><tr><td>300</td><td>10,990</td></tr><tr><td>400</td><td>10,990</td></tr><tr><td>500</td><td>10,990</td></tr><tr><td>600</td><td>10,990</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>Value</th></tr><tr><td>Wyoming</td><td>3,980</td></tr><tr><td>Tennessee</td><td>3,920</td></tr><tr><td>Texas</td><td>3,920</td></tr><tr><td>State: Id</td><td>3,920</td></tr><tr><td>Index</td><td>3,765</td></tr><tr><td>Number of Manufacturers</td><td>61</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>	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	1,136	2012	1,126	2013	1,120	2014	1,114	2015	1,114	2016	1,114	Index (bin)	Count of Index	0	10,990	100	10,990	200	10,990	300	10,990	400	10,990	500	10,990	600	10,990	Index	Value	Count of week 39 - us toy...	591	Index	174,345	Number of Manufacturers	15,490	State	Value	Wyoming	3,980	Tennessee	3,920	Texas	3,920	State: Id	3,920	Index	3,765	Number of Manufacturers	61	Wisconsin	3,960	West Virginia	3,960	Washington	3,940	Virginia	3,940	Vermont	3,940
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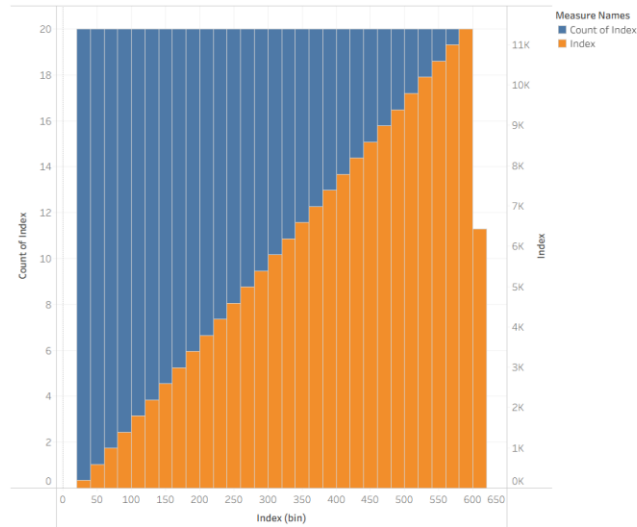
4.	Calculation fields Used	 <p>The screenshot shows the Tableau 'Data' pane for a worksheet named 'week 39 - us toy m...'. The fields listed are:</p> <ul style="list-style-type: none"> <li>Index (bin)</li> <li>State</li> <li>Year</li> <li>Measure Names</li> <li>Id</li> <li>Index</li> <li>Number of Manufact...</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 (left axis, 0 to 20) and the index (right axis, 0 to 10K) for the top 10 states. The index values 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 toy Manufacturer in US state By Index:</b> A bar chart showing the count of manufacturers for the top 10 states. The counts are: Alabama (12), Arizona (17), Arkansas (12), California (12), Colorado (17), Connecticut (12), Delaware (17), Florida (12), Georgia (12), and Idaho (12).</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

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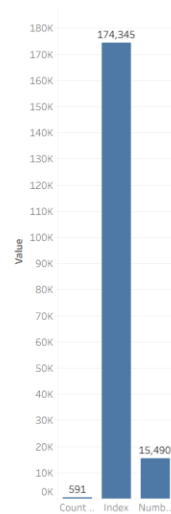


## ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data

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

Top 1  
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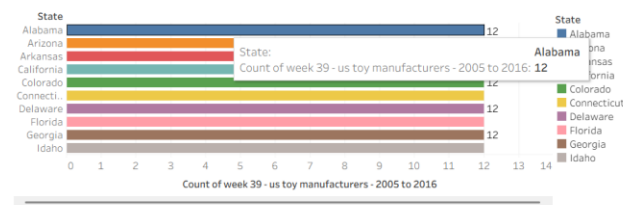


## ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data

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

Index  
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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 >

