

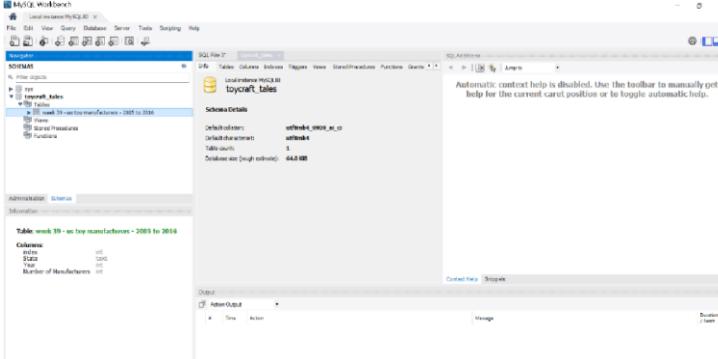
Project Development Phase

Model Performance Test

Date	12 February 2026
Team ID	LTVIP2026TMIDS53415
Project Name	ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data
Maximum Marks	

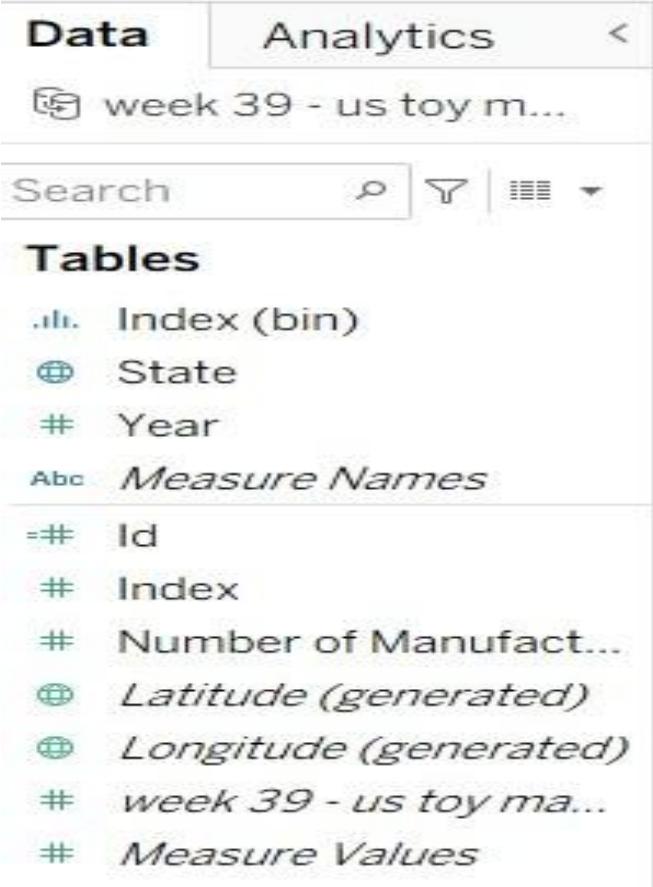
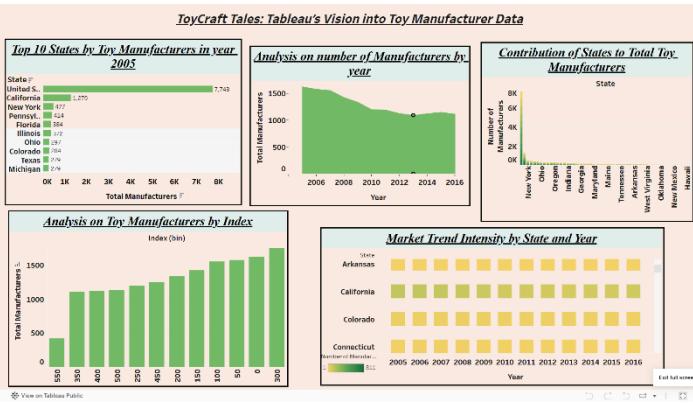
Model Performance Testing:

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

S.No.	Parameter	Screenshot / Values								
1.	Data Rendered	 <p>Table: week 39 - us toy manufacturers - 2005 to 2016</p> <p>Columns:</p> <table border="1"> <tr> <td>index</td> <td>int</td> </tr> <tr> <td>State</td> <td>text</td> </tr> <tr> <td>Year</td> <td>int</td> </tr> <tr> <td>Number of Manufacturers</td> <td>int</td> </tr> </table>  <p>Schema Details:</p> <ul style="list-style-type: none"> Default character set: utf8mb4_0900_ai_ci Collation: utf8mb4 Tables: 1 Rows: 443,000 Created on (rough estimate): 2023-09-12 10:45:00 	index	int	State	text	Year	int	Number of Manufacturers	int
index	int									
State	text									
Year	int									
Number of Manufacturers	int									

2. Data Preprocessing	<p>The screenshot shows the Tableau Data Prep interface. A context menu is open over a calculated field named "Id". The menu includes options like "Create Calculated Field...", "Create Parameter...", "Group by Folder", and "Group by Data Source Table". Below these are "Sort by Name" and "Sort by Data Source Order". Further down are "Hide All Unused Fields" and "Show Hidden Fields". At the bottom of the menu are "Expand All" and "Collapse All".</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> Id <pre>INT(([Index] + 20) / 20) * 20</pre> </div> <p>The calculation is valid. 4 Dependencies <input type="button" value="Apply"/> <input type="button" value="OK"/></p> <p>Add to Sheet</p> <ul style="list-style-type: none"> Show Filter Cut Copy Edit... Duplicate Rename Hide Delete Create ▾ <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> Calculated Field... Group... Bins... Parameter... </div> <p style="text-align: right; font-size: small;">Sheet 4 Sheet 5 Dashboard</p>
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		<p>Edit Bins [Id]</p> <p>New field name: <u>Index (bin)</u></p> <p>Size of bins: <u>20</u> <input type="button" value="Suggest Bin Size"/></p> <p>Range of Values:</p> <p>Min: <u>20</u> Diff: <u>580</u></p> <p>Max: <u>600</u> CntD: <u>30</u></p> <p><input type="button" value="OK"/> <input type="button" value="Cancel"/></p>																						
3.	Utilization of Filters	<p>Top 10 States by Toy Manufacturers in year 2005</p> <table border="1"> <thead> <tr> <th>State</th> <th>Total Manufacturers</th> </tr> </thead> <tbody> <tr><td>United..</td><td>7,743</td></tr> <tr><td>Califor..</td><td>414</td></tr> <tr><td>New Y..</td><td>372</td></tr> <tr><td>Penns..</td><td>284</td></tr> <tr><td>Florida</td><td>279</td></tr> <tr><td>Illinoi..</td><td></td></tr> <tr><td>Ohio..</td><td></td></tr> <tr><td>Colora..</td><td></td></tr> <tr><td>Texas..</td><td></td></tr> <tr><td>Michia..</td><td></td></tr> </tbody> </table> <p>Analysis of number of Manufacturers by year</p> <p>Market Trend Intensity by State and Year</p>	State	Total Manufacturers	United..	7,743	Califor..	414	New Y..	372	Penns..	284	Florida	279	Illinoi..		Ohio..		Colora..		Texas..		Michia..	
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4. Calculation fields Used	 <p>The screenshot shows the Tableau Data Analytics interface. At the top, there are tabs for 'Data' and 'Analytics'. Below the tabs, a search bar contains the text 'week 39 - us toy m...'. Under the 'Tables' section, there is a list of calculated fields:</p> <ul style="list-style-type: none"> Index (bin) State Year <i>Measure Names</i> =# 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  <p>5. Top 10 states toy manufacturer in US state</p>

6	Story 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 <div style="border: 1px solid #ccc; padding: 10px; margin-top: 20px;"> <p style="text-align: center;"><i>ToyCraft Tales - Tableau's Vision into Toy Manufacturer Data</i></p> <p>This view presents the top 10 US states with the highest number of toy manufacturers. It highlights key trends in the market.</p> <p>This visualization shows the year-wise trend in the number of toy manufacturers, helping identify periods of growth and decline.</p> <p>This chart analyzes toy manufacturers based on index values, revealing how production and performance are changing over time.</p> <p>Market trend Analysis Analysis on Number of Manufacturers by Year</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Total Manufacturers</th> </tr> </thead> <tbody> <tr><td>2007</td><td>~100</td></tr> <tr><td>2008</td><td>~150</td></tr> <tr><td>2009</td><td>~200</td></tr> <tr><td>2010</td><td>~1200</td></tr> <tr><td>2011</td><td>~1100</td></tr> <tr><td>2012</td><td>~1000</td></tr> <tr><td>2013</td><td>~900</td></tr> <tr><td>2014</td><td>~1000</td></tr> <tr><td>2015</td><td>~1100</td></tr> <tr><td>2016</td><td>~1000</td></tr> <tr><td>2017</td><td>~900</td></tr> <tr><td>2018</td><td>~800</td></tr> <tr><td>2019</td><td>~700</td></tr> </tbody> </table> </div>	Year	Total Manufacturers	2007	~100	2008	~150	2009	~200	2010	~1200	2011	~1100	2012	~1000	2013	~900	2014	~1000	2015	~1100	2016	~1000	2017	~900	2018	~800	2019	~700
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