

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	

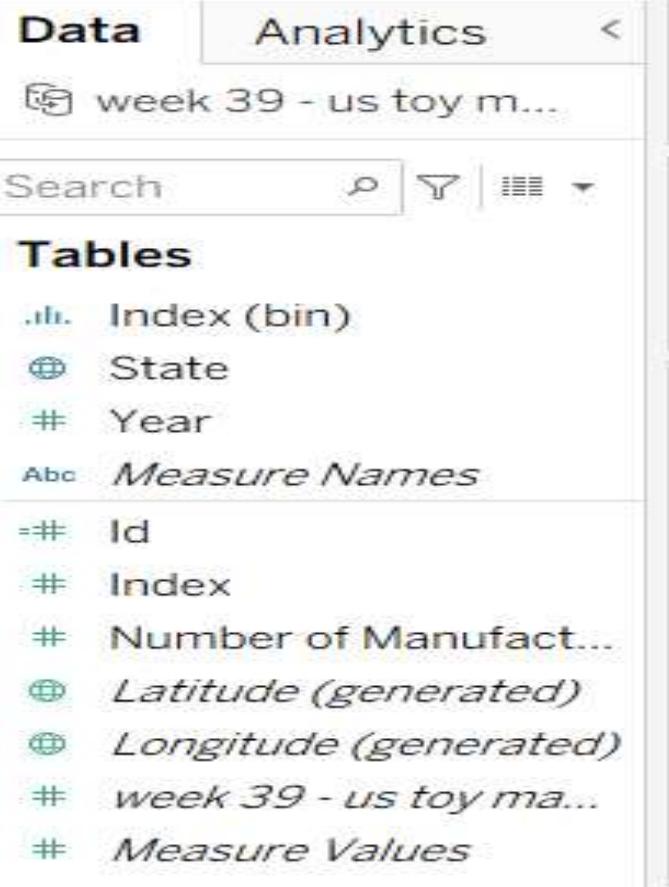
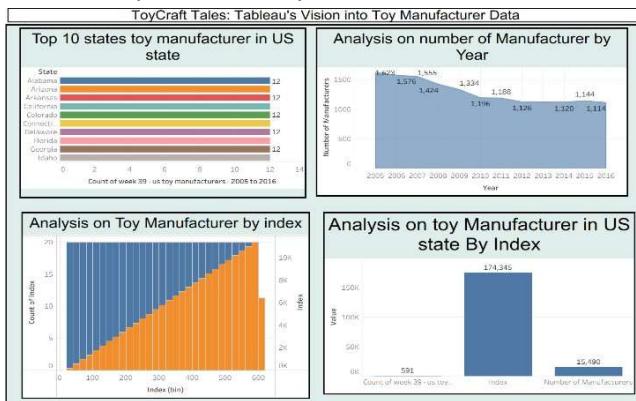
Model Performance Testing:

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

S.No.	Parameter	Screenshot / Values										
1.	Data Rendered	<p>Table: week 39 - us toy manufacturers - 2005 to 2016</p> <p>Columns:</p> <table border="1"> <thead> <tr> <th>Column</th> <th>Type</th> </tr> </thead> <tbody> <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> </tbody> </table>	Column	Type	index	int	State	text	Year	int	Number of Manufacturers	int
Column	Type											
index	int											
State	text											
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Number of Manufacturers	int											

2. Data Preprocessing	<div style="border: 1px solid #ccc; padding: 5px;"> <p>Search Filters</p> <ul style="list-style-type: none"> Create Calculated Field... Create Parameter... Group by Folder Group by Data Source Table Sort by Name Sort by Data Source Order Hide All Unused Fields Show Hidden Fields Expand All Collapse All <hr/> <div style="display: flex; justify-content: space-between;"> <input style="width: 150px; height: 20px; border: 1px solid #ccc; margin-right: 10px;" type="text" value="Id"/> X </div> <hr/> <pre>INT(([Index] + 20) / 20) * 20 </pre> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> The calculation is valid. 4 Dependencies <div style="display: flex; gap: 10px;"> Apply OK </div> </div> <hr/> <div style="border: 1px solid #ccc; padding: 5px; background-color: #f9f9f9;"> <p>Add to Sheet</p> <ul style="list-style-type: none"> Show Filter Cut Copy Edit... Duplicate Rename Hide Delete Create ▾ </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <ul style="list-style-type: none"> Calculated Field... Group... Bins... Parameter... </div> </div>
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		<p>Edit Bins [Id]</p> <p>New field name: Index (bin)</p> <p>Size of bins: 20 <input type="button" value="Suggest Bin Size"/></p> <p>Range of Values:</p> <p>Min: 20 Diff: 580</p> <p>Max: 600 CntD: 30</p> <p><input type="button" value="OK"/> <input type="button" value="Cancel"/></p>																																																																								
3.	Utilization of Filters	<p>ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data</p> <p>Top 10 states toy manufacturer in US state</p> <table border="1"> <thead> <tr> <th>State</th> <th>Count</th> </tr> </thead> <tbody> <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> </tbody> </table> <p>Count of week 39 - us toy manufacturers - 2005 to 2016</p> <p>Analysis on number of Manufacturer by Year</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Number of Manufacturers</th> </tr> </thead> <tbody> <tr><td>2005</td><td>1,623</td></tr> <tr><td>2006</td><td>1,555</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>1,126</td></tr> <tr><td>2011</td><td>1,120</td></tr> <tr><td>2012</td><td>1,114</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> <tr><td>2016</td><td>1,114</td></tr> </tbody> </table> <p>Number of Manufacturers: 1,334</p> <p>Analysis on Toy Manufacturer by index</p> <p>Count of Index</p> <p>Index</p> <p>Index (bin): 560 Index: 10,990</p> <p>Analysis on toy Manufacturer in US state By Index</p> <table border="1"> <thead> <tr> <th>Index</th> <th>Value</th> </tr> </thead> <tbody> <tr><td>591</td><td>174,345</td></tr> <tr><td>1,099</td><td>15,490</td></tr> </tbody> </table> <p>Count of week 39 - us toy manufacturers</p> <p>Analysis on toy Manufacturer in US state By Index</p> <table border="1"> <thead> <tr> <th>State</th> <th>Count</th> </tr> </thead> <tbody> <tr><td>Tennessee</td><td>3,920</td></tr> <tr><td>Texas</td><td>3,920</td></tr> <tr><td>Wyoming</td><td>3,960</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>Vermont</td><td>3,940</td></tr> <tr><td>Virginia</td><td>3,940</td></tr> </tbody> </table> <p>State: Id: 3,920 Index: 3,965 Number of Manufacturers: 61</p>	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	1,555	2007	1,424	2008	1,334	2009	1,188	2010	1,126	2011	1,120	2012	1,114	2013	1,114	2014	1,114	2015	1,114	2016	1,114	Index	Value	591	174,345	1,099	15,490	State	Count	Tennessee	3,920	Texas	3,920	Wyoming	3,960	Wisconsin	3,960	West Virginia	3,960	Washington	3,940	Vermont	3,940	Virginia	3,940
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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>ToyCraft Tales: Tableau's Vision into Toy Manufacturer Data</p> <p>Top 10 states toy manufacturer in US state</p> <table border="1"> <thead> <tr> <th>State</th> <th>Count of week 39 - us toy manufacturers</th> </tr> </thead> <tbody> <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>Florida</td><td>12</td></tr> <tr><td>Georgia</td><td>12</td></tr> <tr><td>Illinois</td><td>12</td></tr> </tbody> </table> <p>Analysis on number of Manufacturer by Year</p> <table border="1"> <thead> <tr> <th>Year</th> <th>Number of Manufacturers</th> </tr> </thead> <tbody> <tr><td>2005</td><td>1,422</td></tr> <tr><td>2006</td><td>1,576</td></tr> <tr><td>2007</td><td>1,444</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>1,198</td></tr> <tr><td>2011</td><td>1,126</td></tr> <tr><td>2012</td><td>1,120</td></tr> <tr><td>2013</td><td>1,114</td></tr> </tbody> </table> <p>Analysis on Toy Manufacturer by index</p> <table border="1"> <thead> <tr> <th>Index (bin)</th> <th>Count of Index</th> </tr> </thead> <tbody> <tr><td>0 - 100</td><td>10</td></tr> <tr><td>100 - 200</td><td>10</td></tr> <tr><td>200 - 300</td><td>10</td></tr> <tr><td>300 - 400</td><td>10</td></tr> <tr><td>400 - 500</td><td>10</td></tr> <tr><td>500 - 600</td><td>10</td></tr> <tr><td>600 - 700</td><td>10</td></tr> <tr><td>700 - 800</td><td>10</td></tr> <tr><td>800 - 900</td><td>10</td></tr> <tr><td>900 - 1000</td><td>10</td></tr> </tbody> </table> <p>Analysis on toy Manufacturer in US state By Index</p> <table border="1"> <thead> <tr> <th>Index</th> <th>Value</th> </tr> </thead> <tbody> <tr><td>174,345</td><td>174,345</td></tr> <tr><td>591</td><td>591</td></tr> <tr><td>15,490</td><td>15,490</td></tr> </tbody> </table>	State	Count of week 39 - us toy manufacturers	Arizona	12	Arkansas	12	California	12	Colorado	12	Connecticut	12	Florida	12	Georgia	12	Illinois	12	Year	Number of Manufacturers	2005	1,422	2006	1,576	2007	1,444	2008	1,334	2009	1,188	2010	1,198	2011	1,126	2012	1,120	2013	1,114	Index (bin)	Count of Index	0 - 100	10	100 - 200	10	200 - 300	10	300 - 400	10	400 - 500	10	500 - 600	10	600 - 700	10	700 - 800	10	800 - 900	10	900 - 1000	10	Index	Value	174,345	174,345	591	591	15,490	15,490
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