

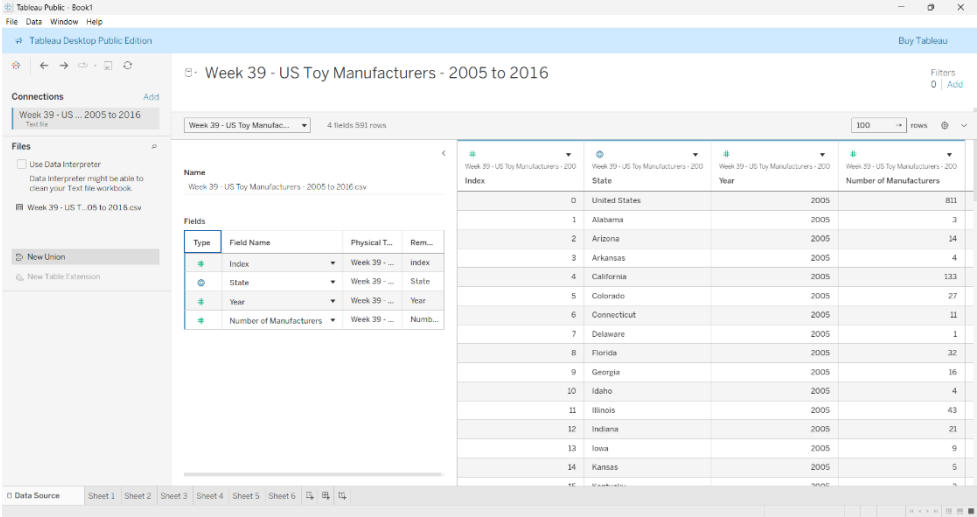
# Project Development Phase

## Model Performance Test

|               |  |
|---------------|--|
| Date          | 27 June 2025   |
| Team ID       | LTVIP2025TMID48331   |
| Project Name  | Toy Craft 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><p>The screenshot displays the Tableau Desktop interface. The 'Columns' shelf contains 'State' and 'Year', and the 'Rows' shelf contains 'Number of Manufacturers'. The view shows a table with 14 rows of data, including states like Alabama, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, and Kansas, all for the year 2005. The 'Number of Manufacturers' column shows values ranging from 1 to 133. The interface also shows the 'Connections' pane on the left with 'Week 39 - US Toy Manufacturers - 2005 to 2016' selected, and the 'Fields' pane with 'Index', 'State', 'Year', and 'Number of Manufacturers' listed.</p></div> <p>Displayed toy sales data across regions, product lines, and time periods. Shows rendered table and bar chart for item-wise sales.</p> |
| 2     | Data Preprocessing      | Removed null values, standardized date formats, renamed columns for clarity, and created data hierarchy (Year > Quart> Month).   |
| 3     | Utilization of Filters  | Filters applied: Measure Type, State, Year, Manufacturer, Category - allowing users to explore sales by region, type, and time.  |
| 4     | Calculation fields Used | <p>Sales Growth (%) = (Current - Previous) / Previous</p> <p>Index (Bin) = Created bins for sales index to group data by performance tiers.</p>  |
| 5     | Dashboard design        | No of Visualizations / Graphs - 5 (Bar Chart, Map, Line Graph, Pie Chart, KPI Cards)   |
| 6     | Story Design            | No of Visualizations / Graphs - 5 (Sales Overview, Regional Insights, Product Popularity Trends, Seasonal Demand, Profit Breakdown)  |

