Create a dashboard using superstore dataset. Below are the Dashboard components

**a. Sales Overview:**

* Create a line chart to show the trend of total sales over time (monthly or quarterly).
* Add a filter for the user to select a specific time range.

**b. Sales by Category and Sub-Category:**

* Create a bar chart to show sales by Category and Sub-Category.
* Use color to differentiate between categories.

**c. Regional Sales Performance:**

* Create a map to show sales performance by Region.
* Use color shading to indicate the level of sales (e.g., darker shades for higher sales).

**d. Top Customers:**

* Create a table or bar chart to highlight the top N customers based on total sales.
* Include details such as Customer Name, Total Sales, and Profit.
* Allow users to input Top N values

**e. Profit Analysis:**

* Create a scatter plot to show the relationship between Sales and Profit.
* Use different colors to represent different categories or regions.

**f.** **Create a Filled Map:**

* Use the "State" dimension to create a filled map showing sales performance by state.
* Use color shading to indicate the level of sales (e.g., darker shades for higher sales).
* Add labels to show sales values for each state.

 **Tooltip Enhancement:**

* Enhance tooltips to display additional information such as Profit, Number of Orders, and Average Discount for each state.

 **Table Calculations:**

* Implement at least two different table calculations in your dashboard.
  + **Example 1: Year-over-Year Growth**
    - Create a line chart to show the year-over-year growth in sales.
    - Use a Quick Table Calculation to compute the percentage difference.
  + **Example 2: Running Total**
    - Create a line chart or bar chart showing the running total of sales over time.
    - Use a Quick Table Calculation to compute the running total.
  + **Example 3: Moving Average**
    - Create a chart showing the moving average of sales over a defined period (e.g., 3 months).
    - Use a Quick Table Calculation to compute the moving average.

 **Interactivity:**

* Add filters and parameters to allow users to interact with the dashboard (e.g., filter by Category, Region, Time Period).
* Ensure that charts are interconnected (e.g., clicking on a region in the map filters other charts to show data for that region).

 **Design and Aesthetics:**

* Use appropriate titles, labels, and tooltips to make the dashboard easy to understand.
* Ensure the dashboard is visually appealing and well-organized.

 **Presentation:**

* Prepare a brief presentation (5-10 minutes) explaining the insights derived from the dashboard.
* Highlight key findings and how the dashboard can be used to make data-driven decisions.