
PRIYA MISHRA

Tableau

Course-End Project Solution Statement

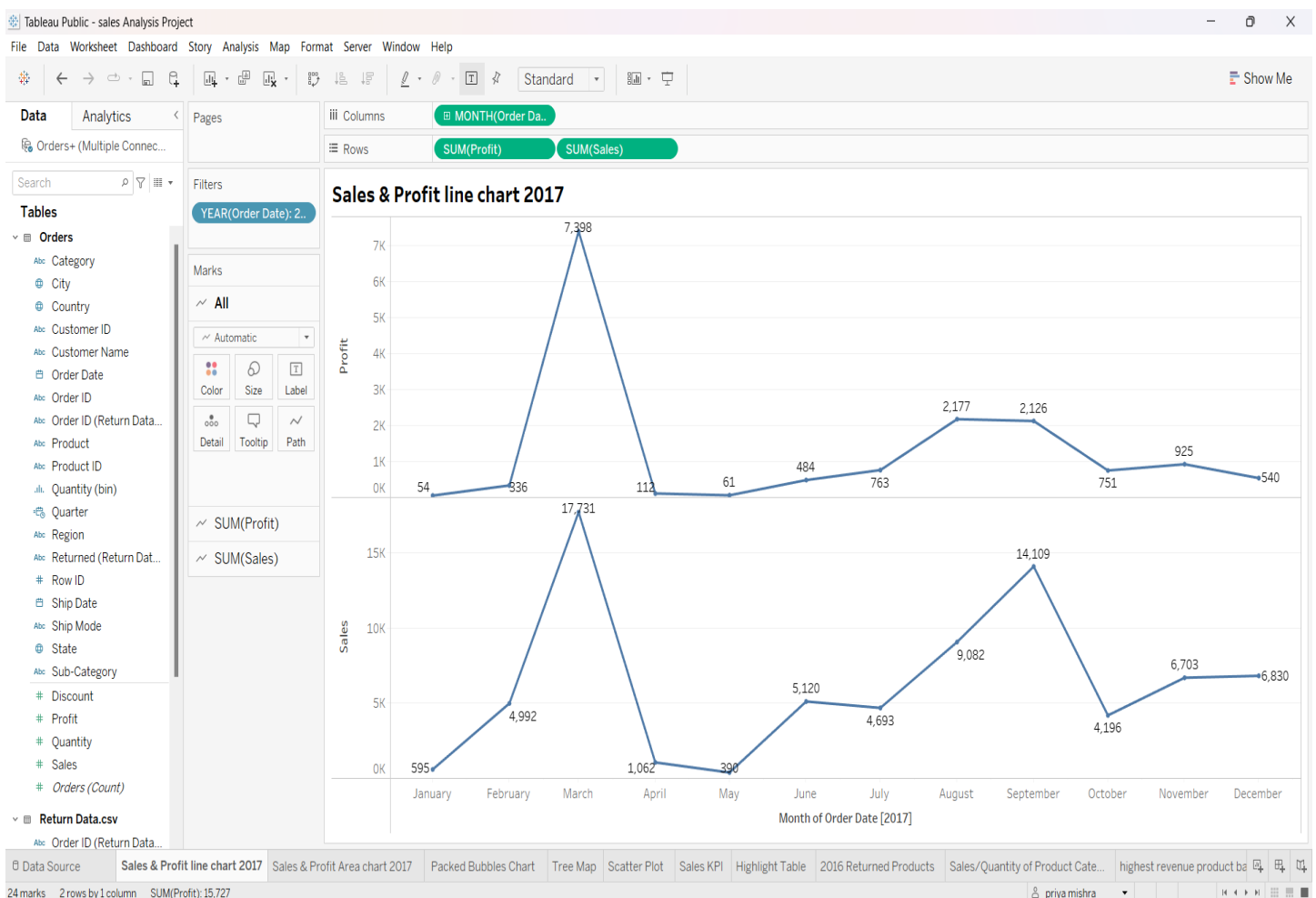


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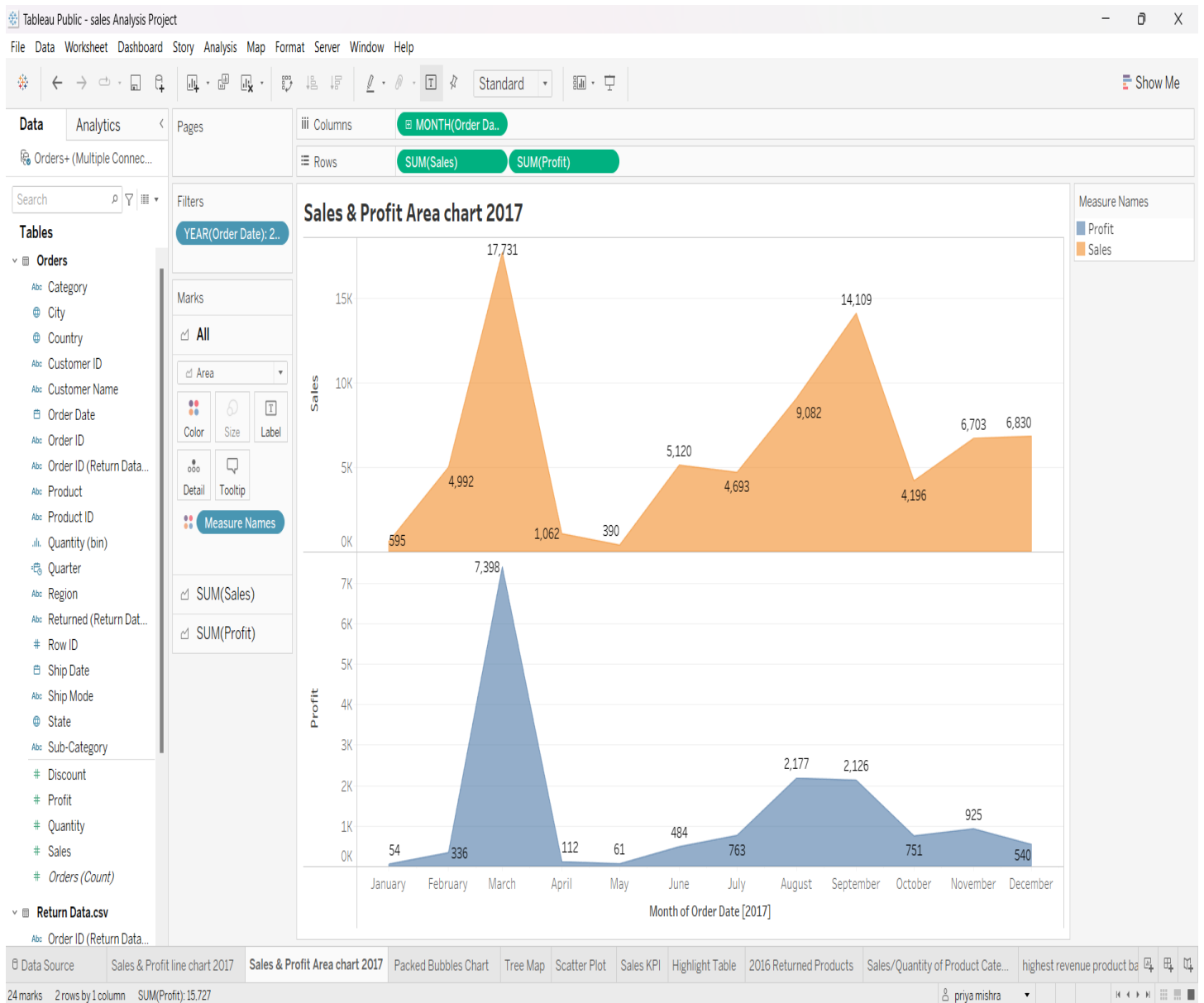
Course-End Project: Sales Analysis

1. Analyse the *Sales/Profit* for all the months of 2017 as a continuous line chart and area chart.

SALES & PROFIT LINE CHART 2017

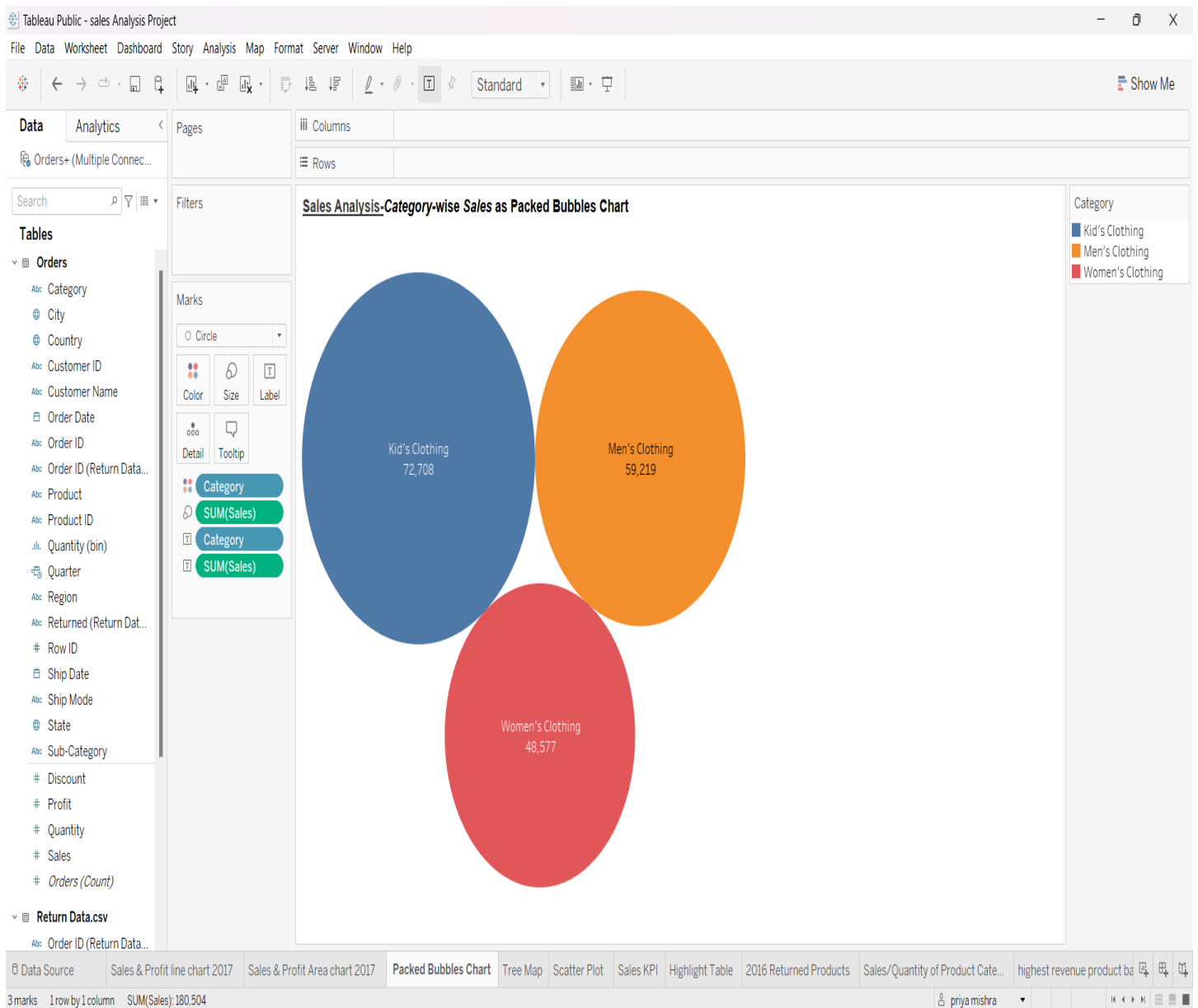


SALES & PROFIT AREA CHART 2017



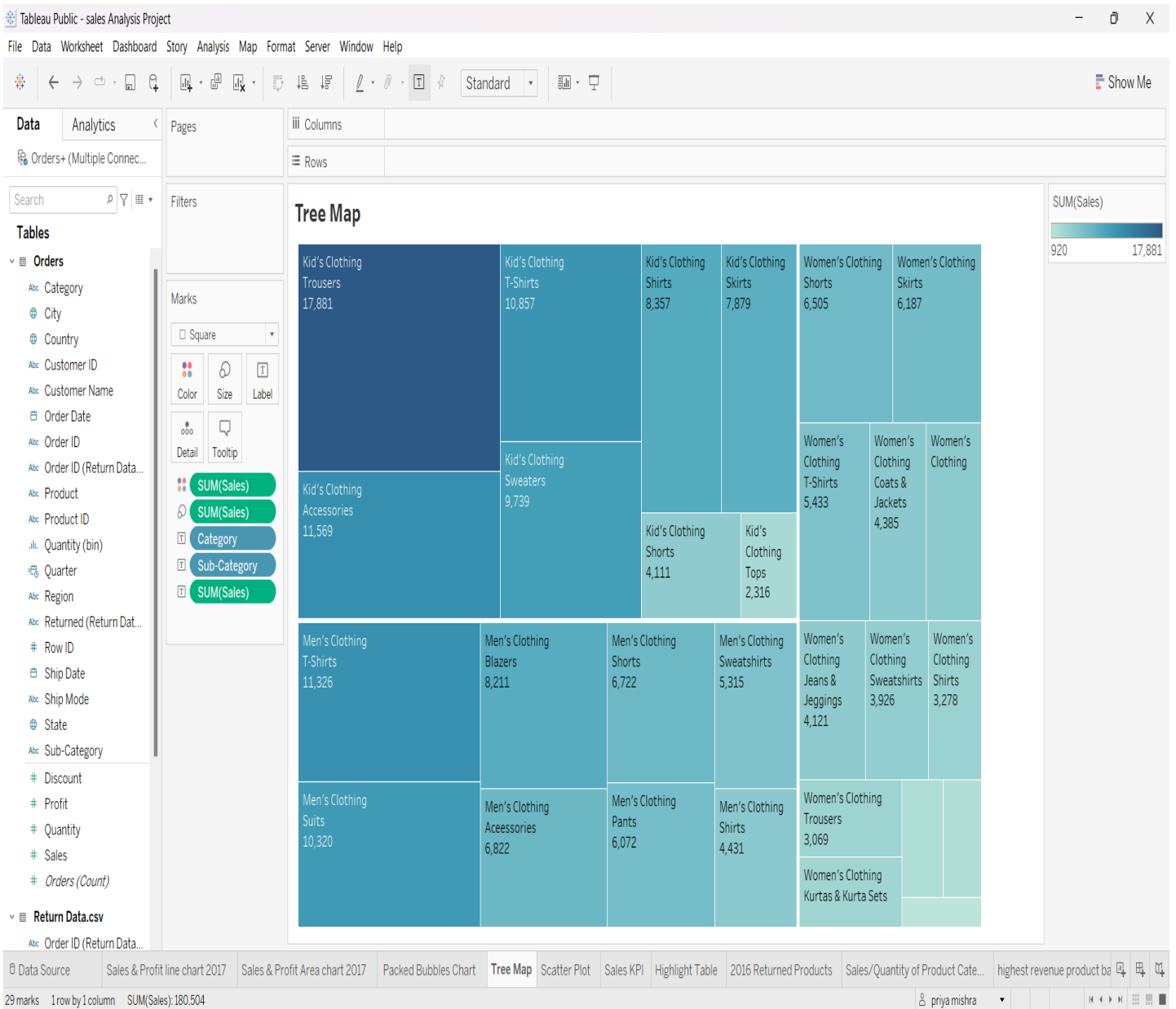
2. Show *Category-wise Sales* as Packed Bubbles Chart suggesting categories with highest to lowest sales.

PACKED BUBBLES CHART

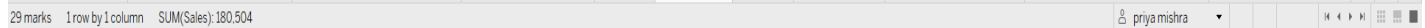


3. Create a Treemap chart showing *Sales by Category* and *Sub-Category*.

TREE MAP

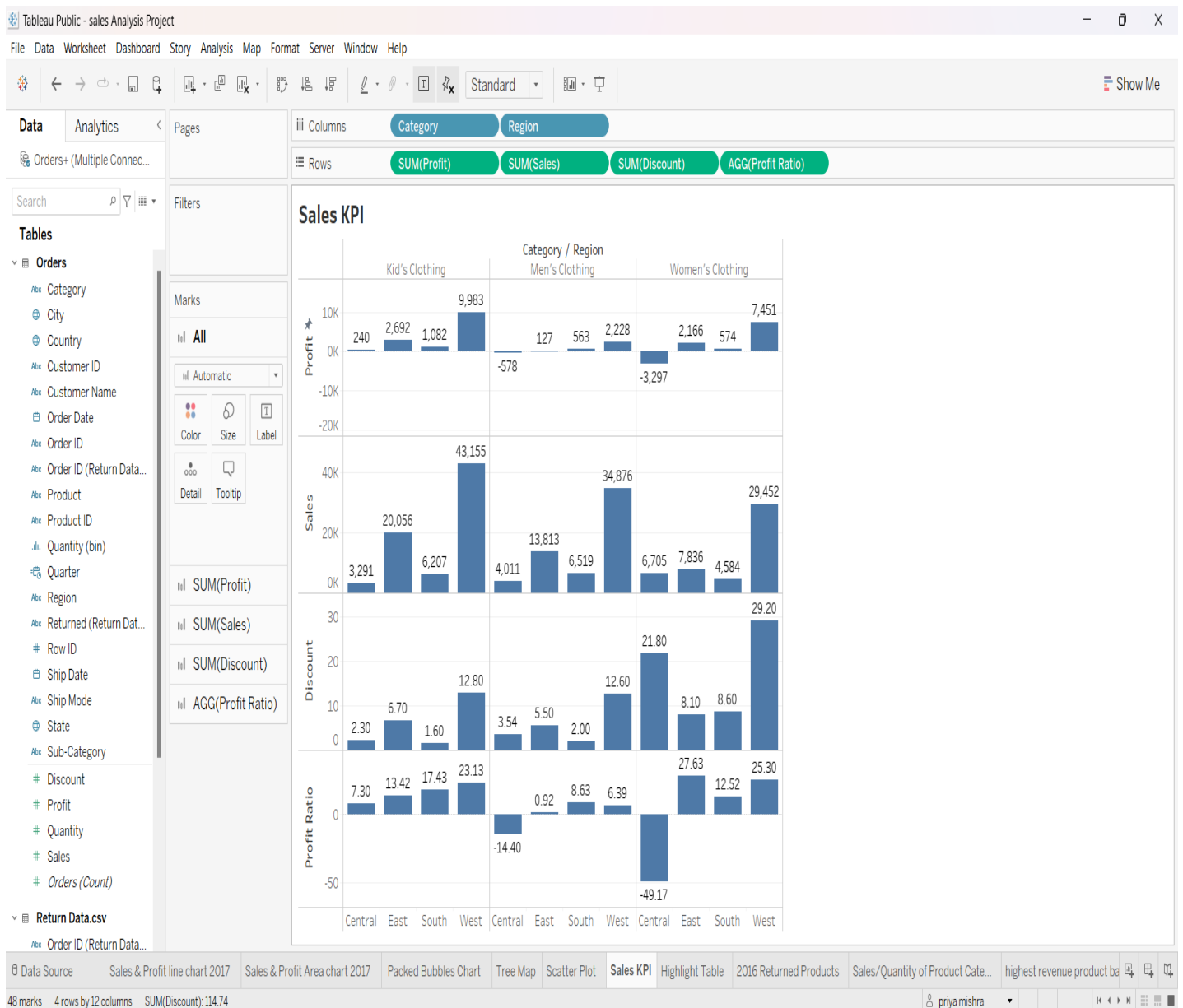


SCATTER PLOT



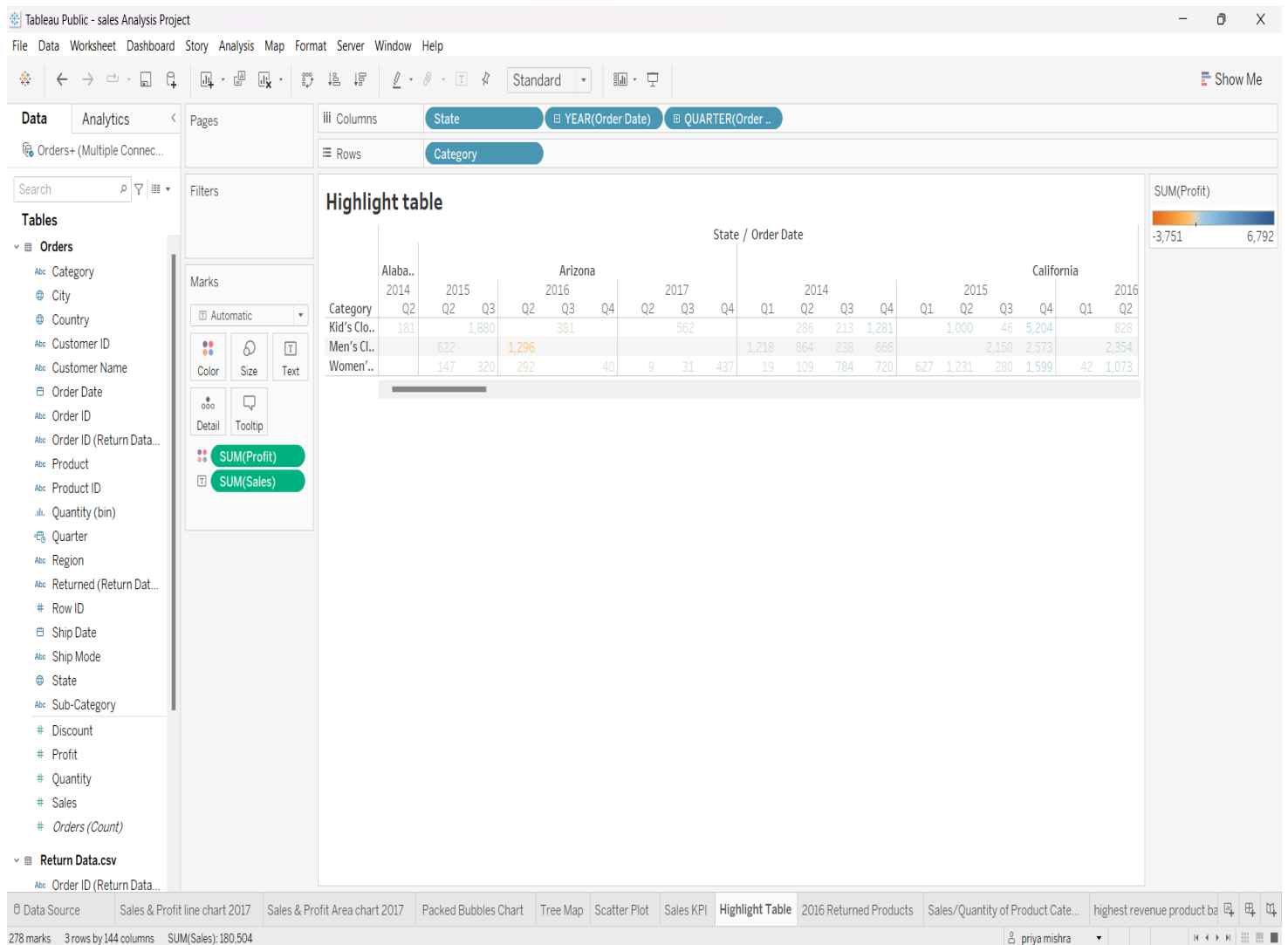
5. Compute aggregated values for all Sales KPIs like *Total Sales*, *Profit*, *Profit Ratio*, *Discount* in a Table view.

SALES KPI



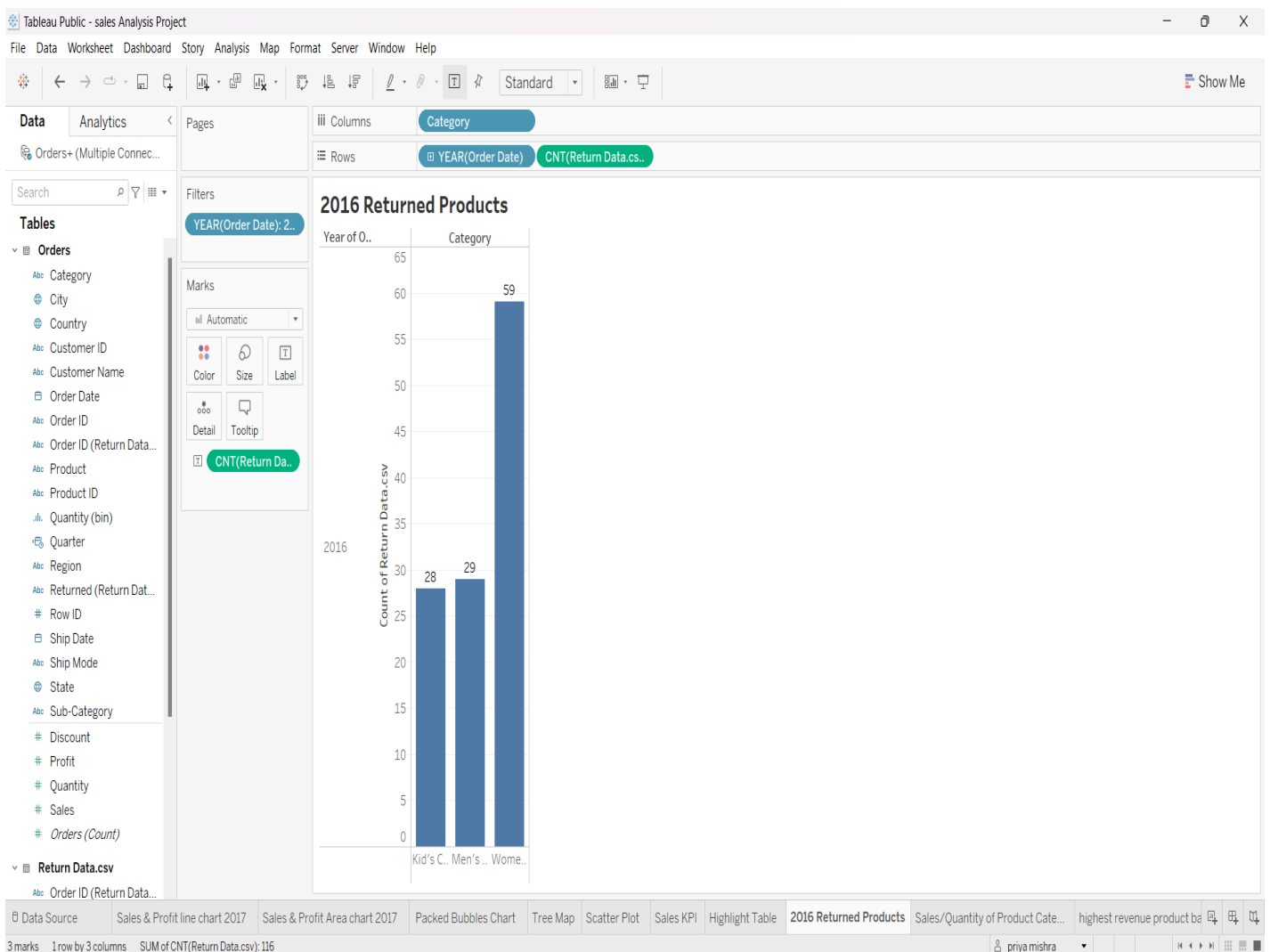
6. Analyse the *Sales* for all the quarters of all the years across *State*, and *Category* as a Highlight Table. Highlight the columns by Profit.

HIGHLIGHT TABLE



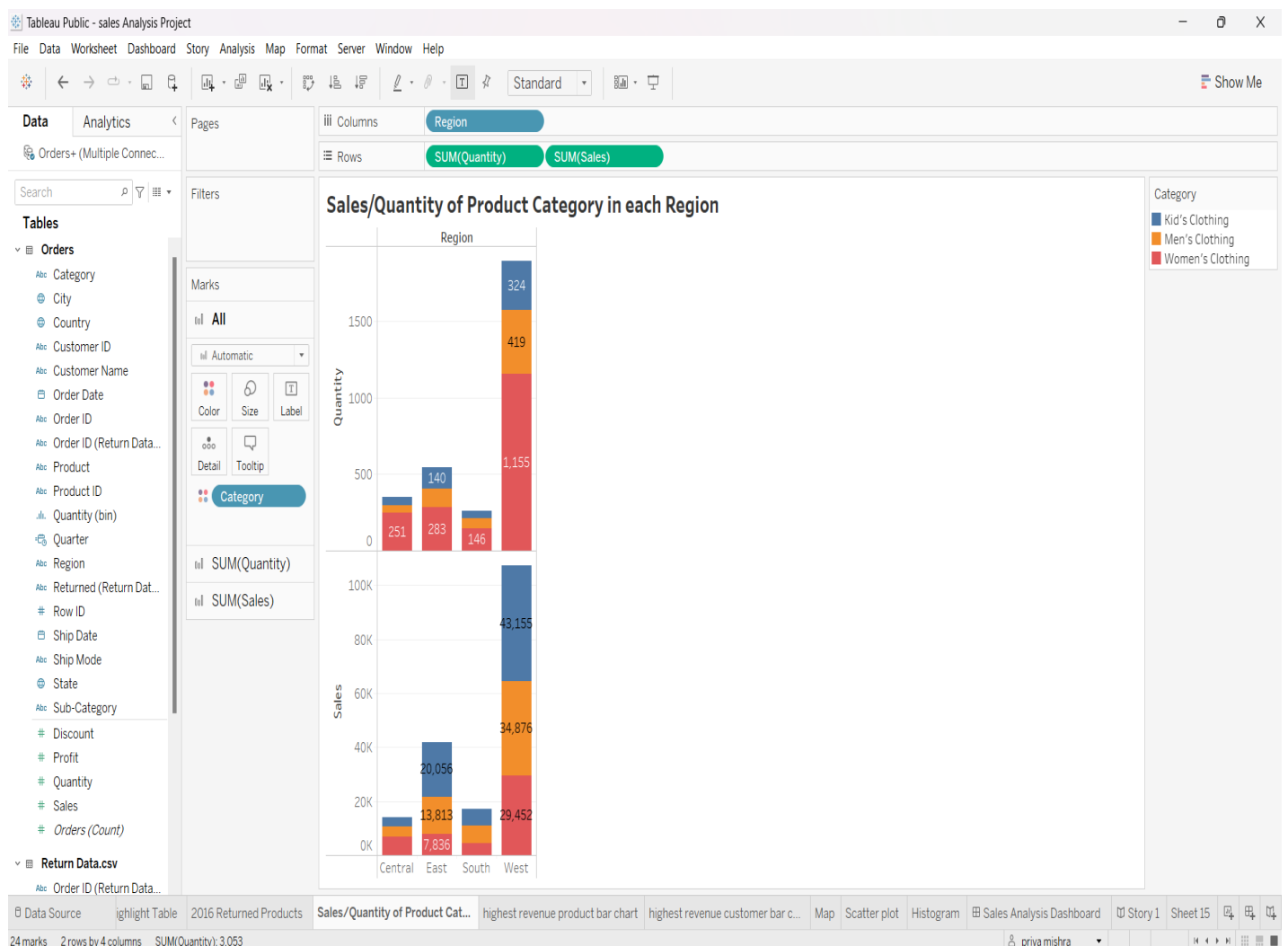
7. Connect to the **Return Data** dataset, and blend it with **Orders** data to compute the *number of orders returned* for each Product Category in 2016.

2016 RETURNED PRODUCTS



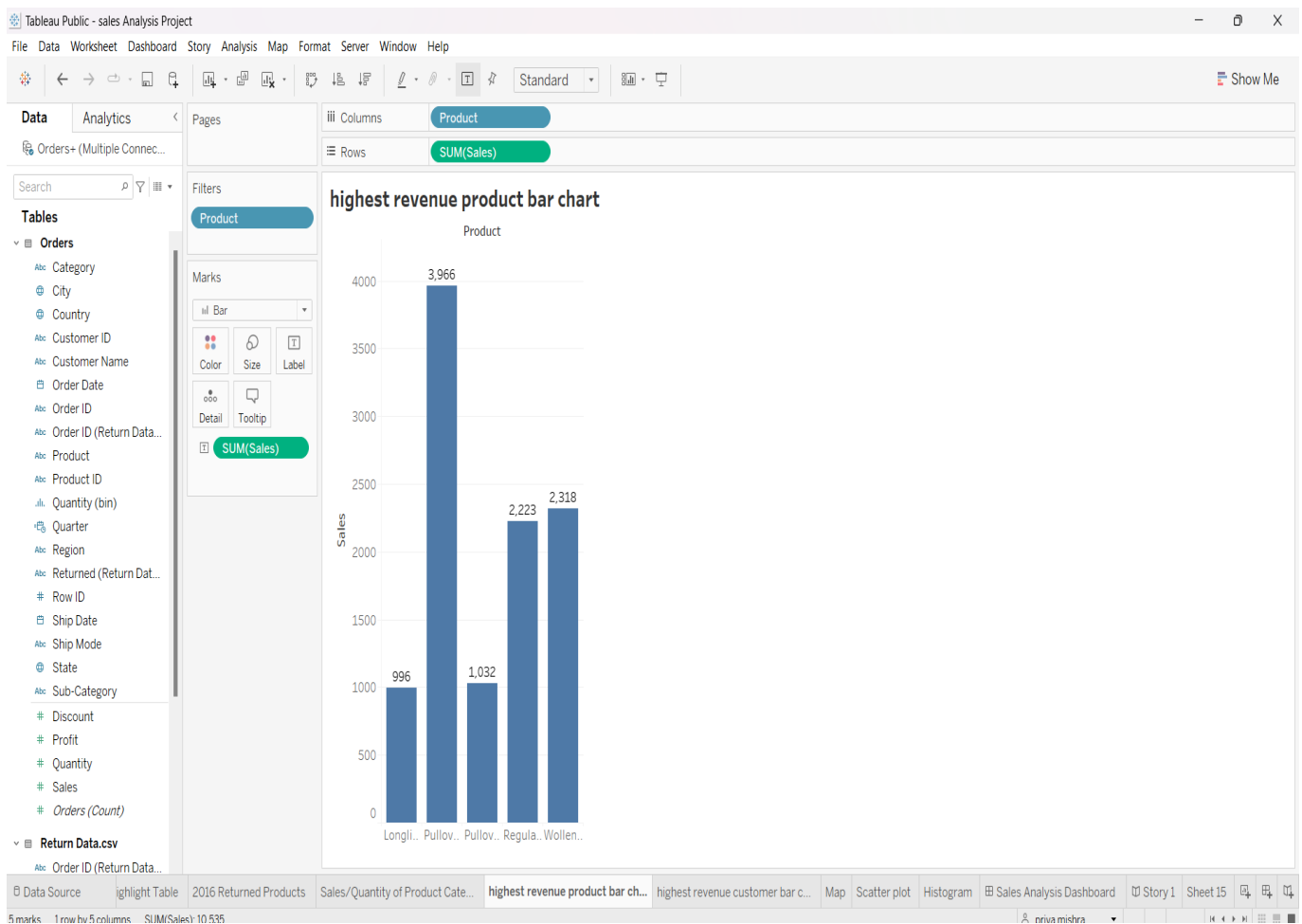
8. Show *Sales/Quantity* of *Product Category* in each *Region* as a Stacked Bar Chart.

SALES/QUANTITY OF PRODUCT CATEGORY IN EACH REGION -STACKED BAR CHART

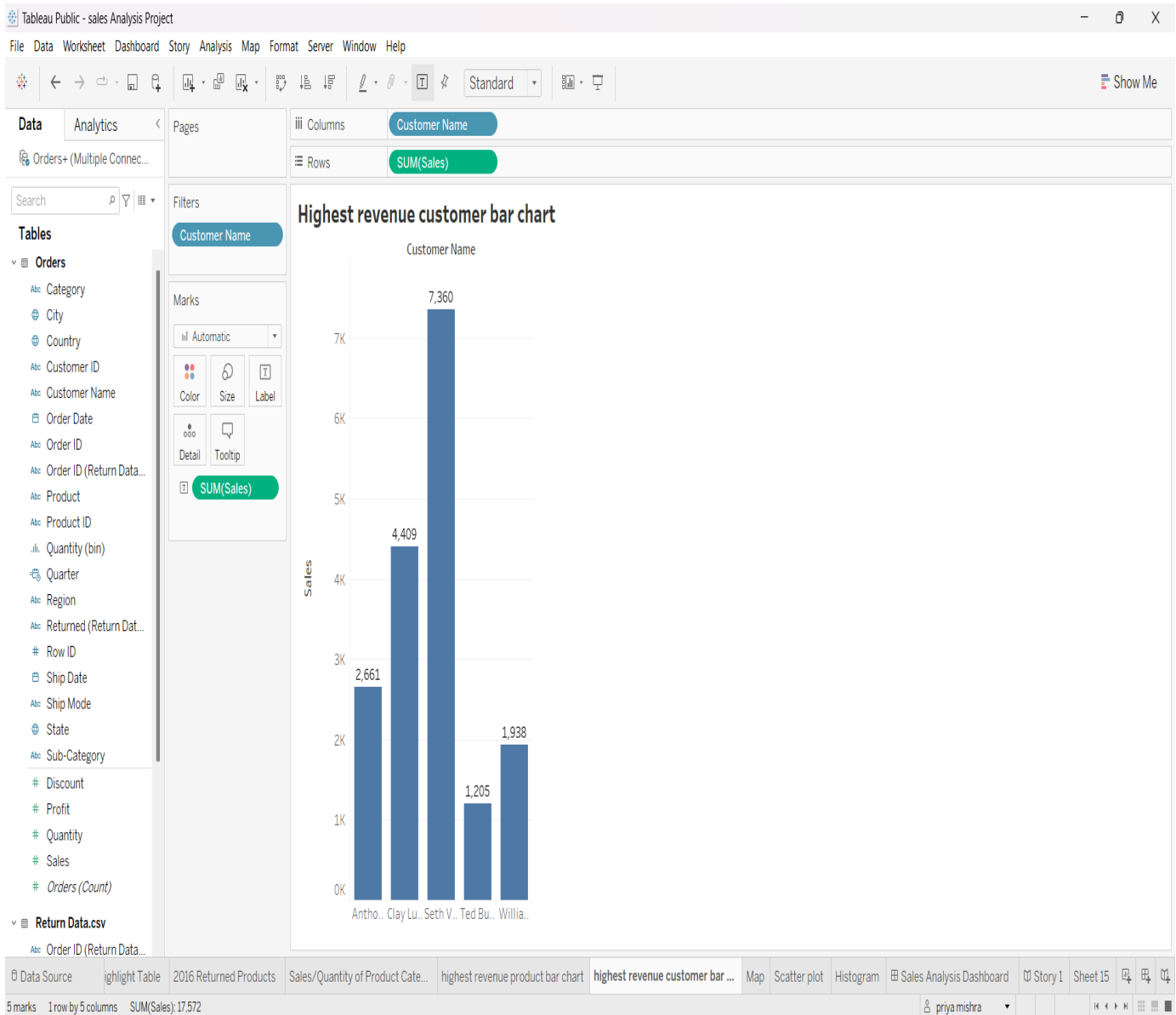


9. Determine the top 5 *products* and top 5 *customers* by *Sales*, i.e., *Products* and *Customers* that are generating the highest revenue as a bar chart.

HIGHEST REVENUE PRODUCT BAR CHART

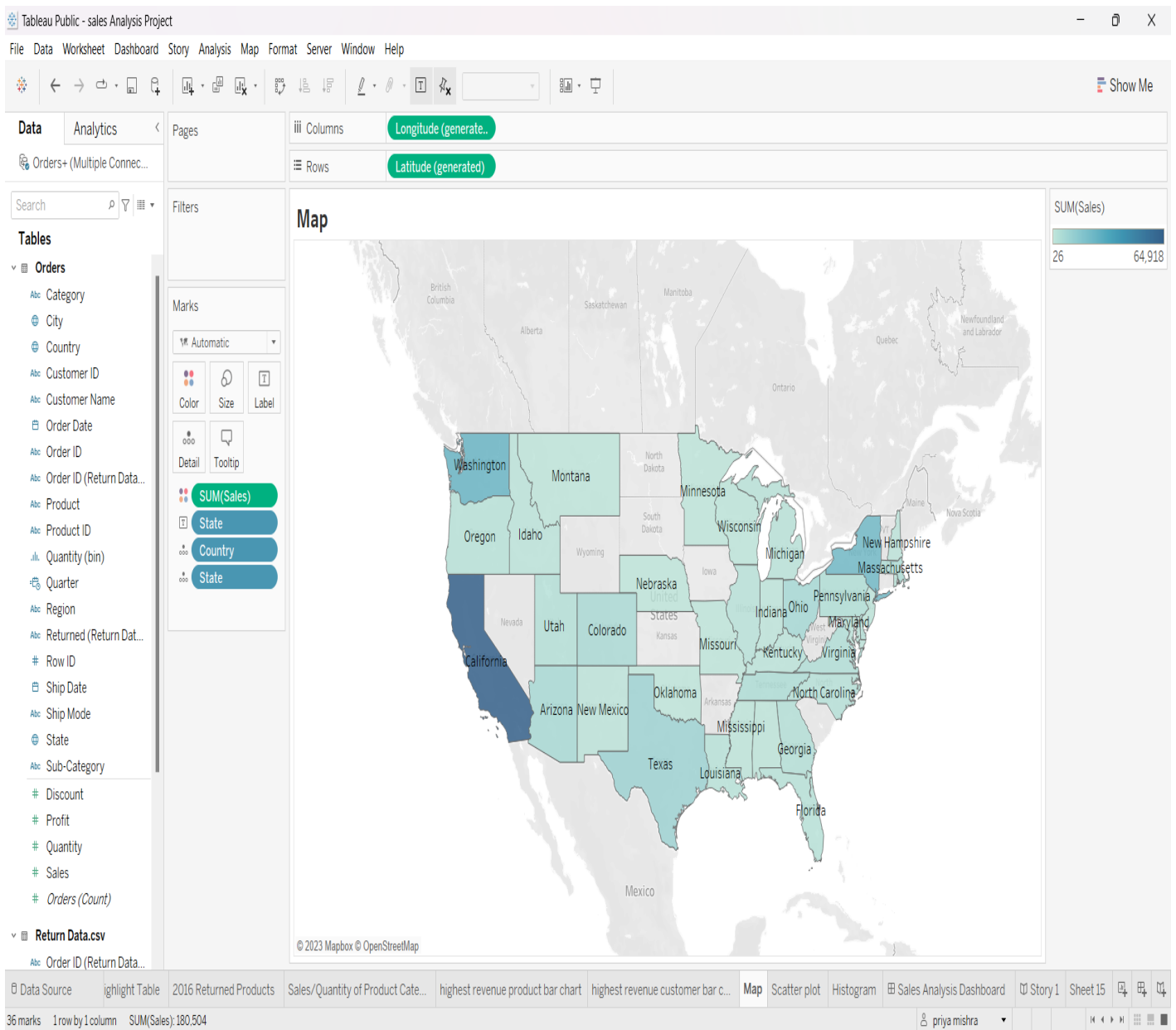


HIGHEST REVENUE CUSTOMER BAR CHART



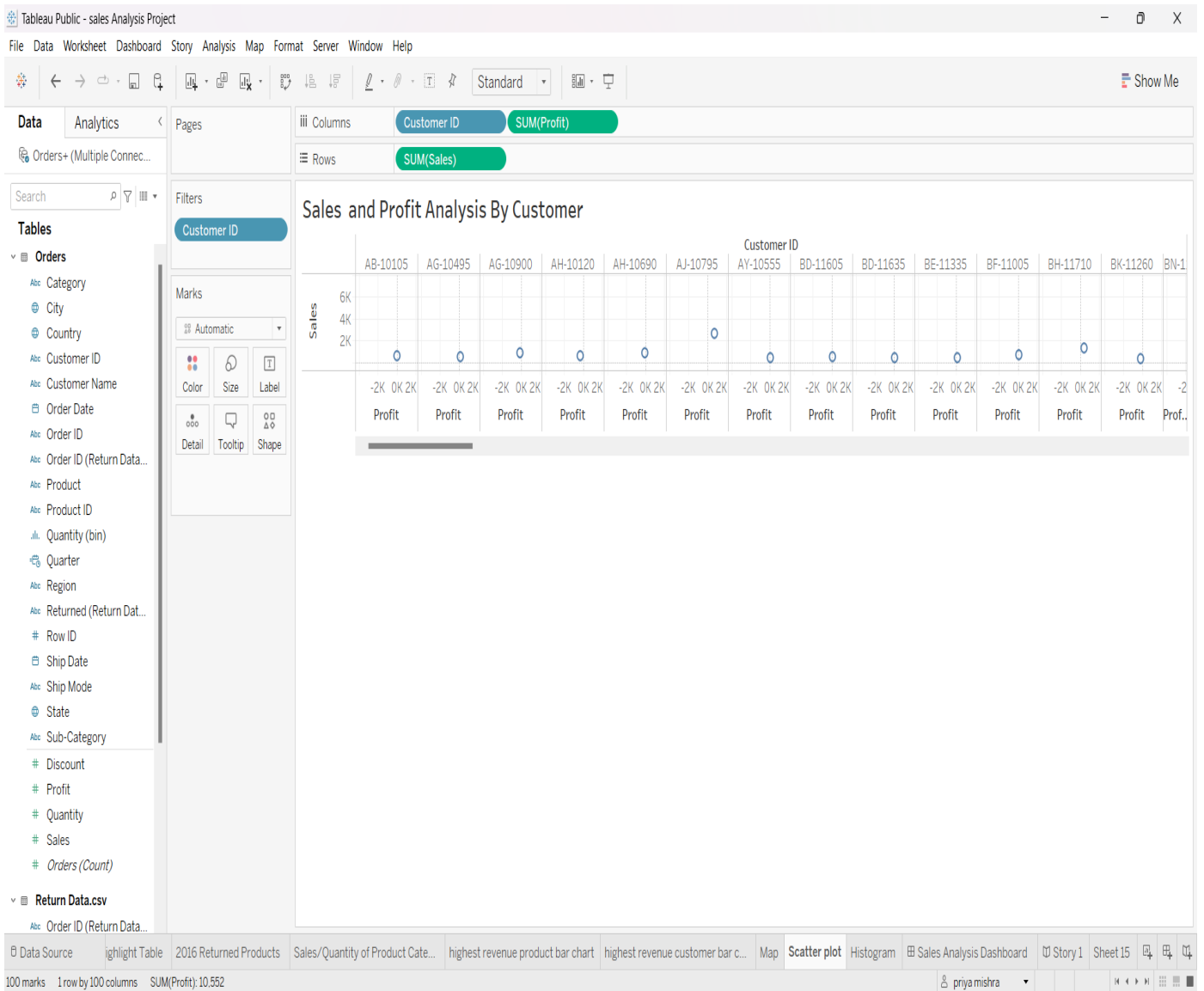
9. Visualize *Sales by State* where the sales variation is highlighted by color as a Map Chart.

MAP CHART



11. Visualize Sales & Profit analysis by Customer on a Scatter Plot.

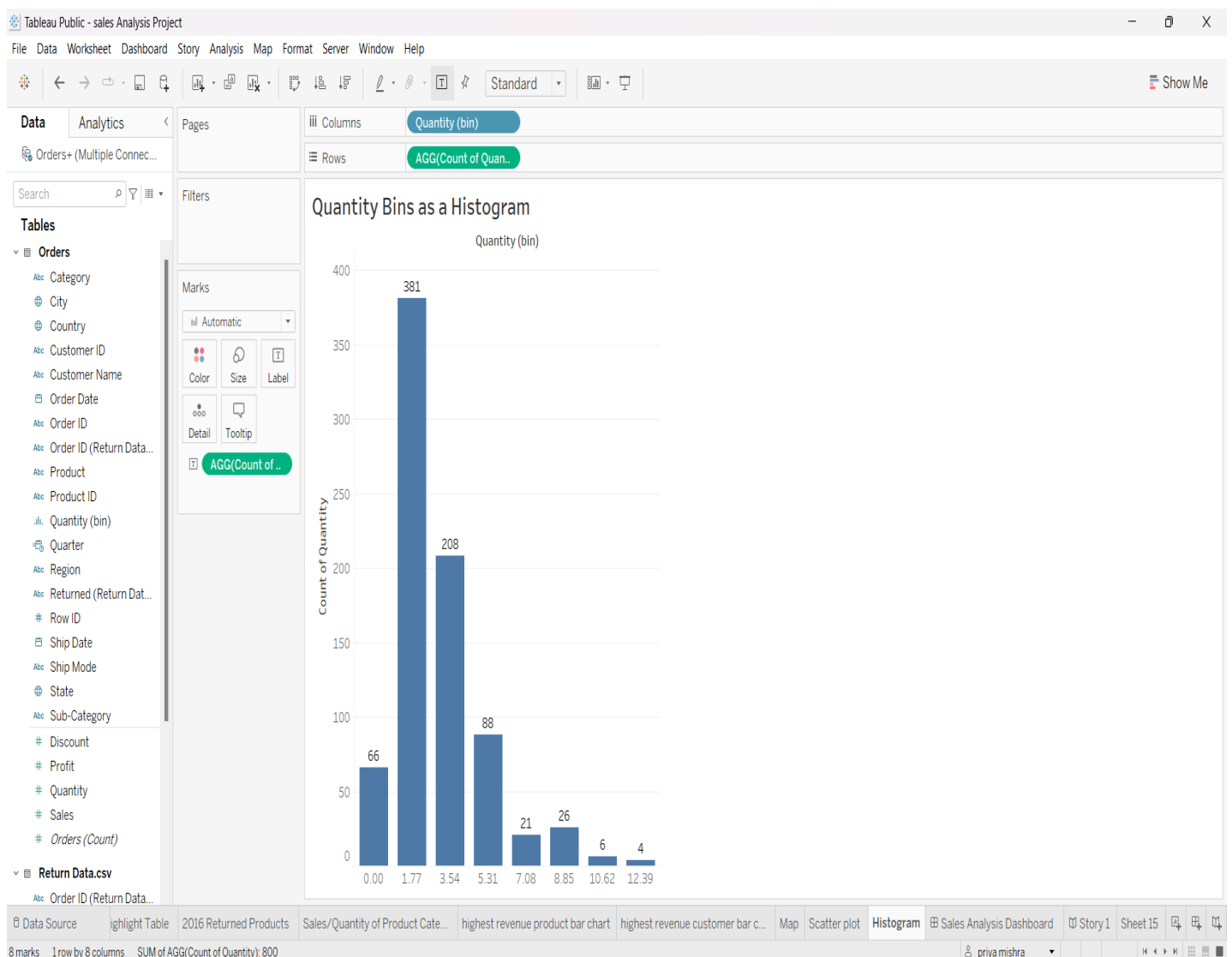
SCATTER PLOT CHART



12. Represent the *Number of orders* received by *Quantity* bins as a Histogram.

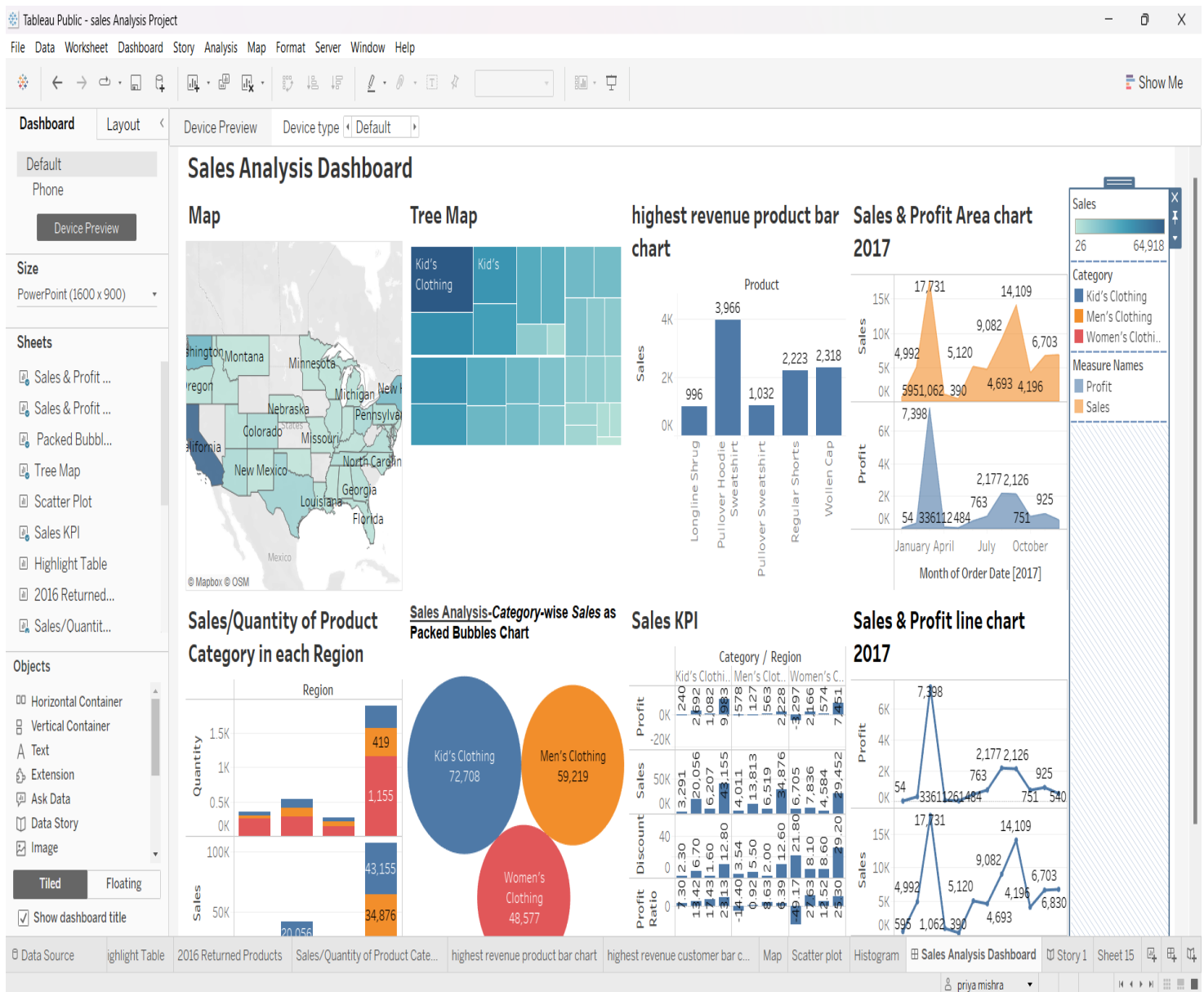
- Create Quantity bins.
- Use Measure Count of Quantity as calculation.
- Drag Count of Quantity in Row Shelf and Quantity bins in column shelf

QUANTITY BINS AS A HISTOGRAM



13. Create an interactive fixed size floating layout Dashboard that can be shared with the leaders using the above analysis.

SALES ANALYSIS DASHBOARD

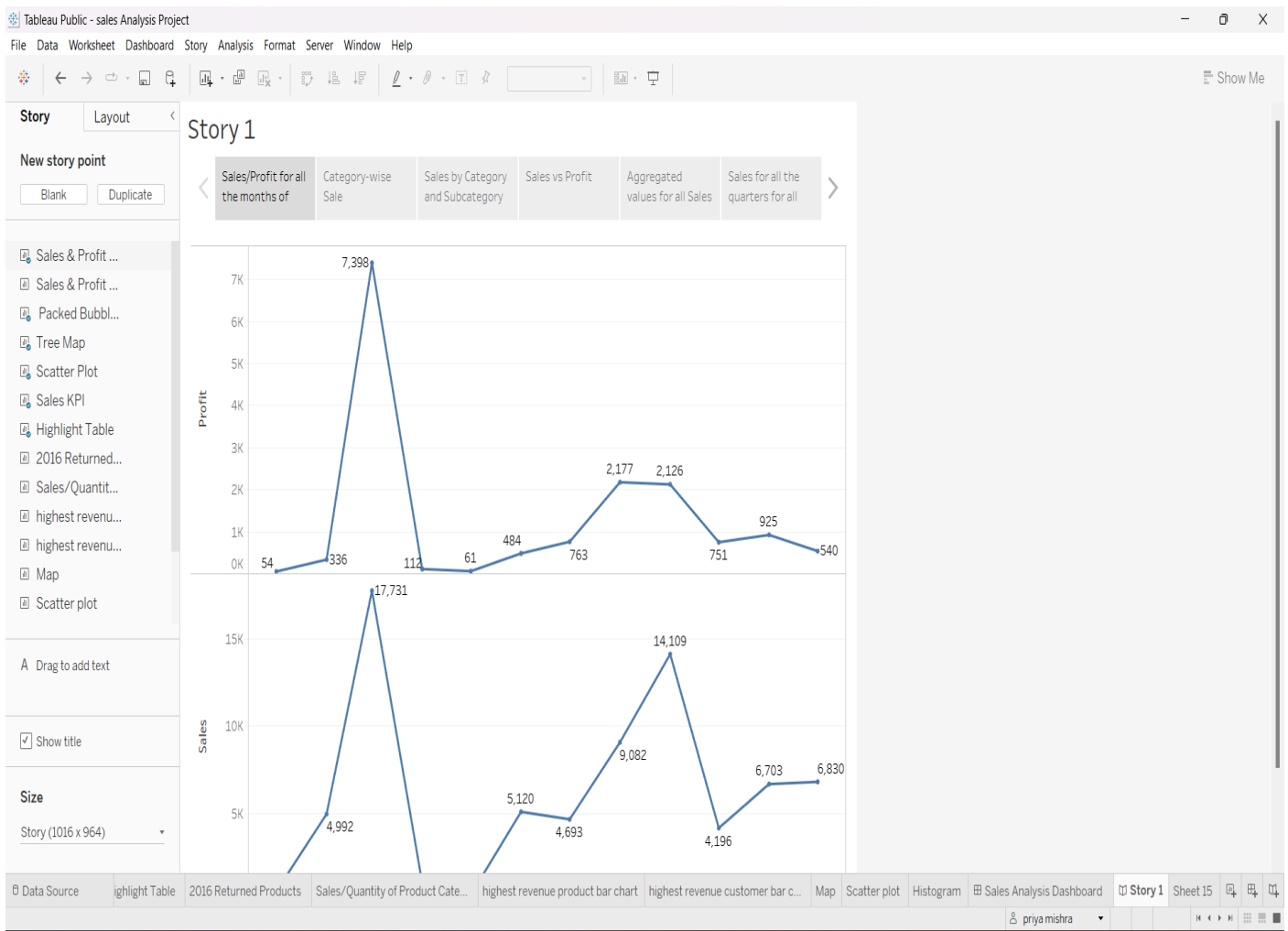


14. Create a story with the following visuals:

**Note: The below-listed visuals are done as part of tasks 1 to 6.*

- Sales/Profit for all the months of 2017
- Category-wise Sales
- Sales by Category and Sub-Category.
- Sales vs Profit
- Aggregated values for all Sales KPIs and
- Sales for all the quarters for all the years across State, and Category.

STORY DASHBOARD



THANKYOU

SUBMITTED BY – PRIYA MISHRA

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