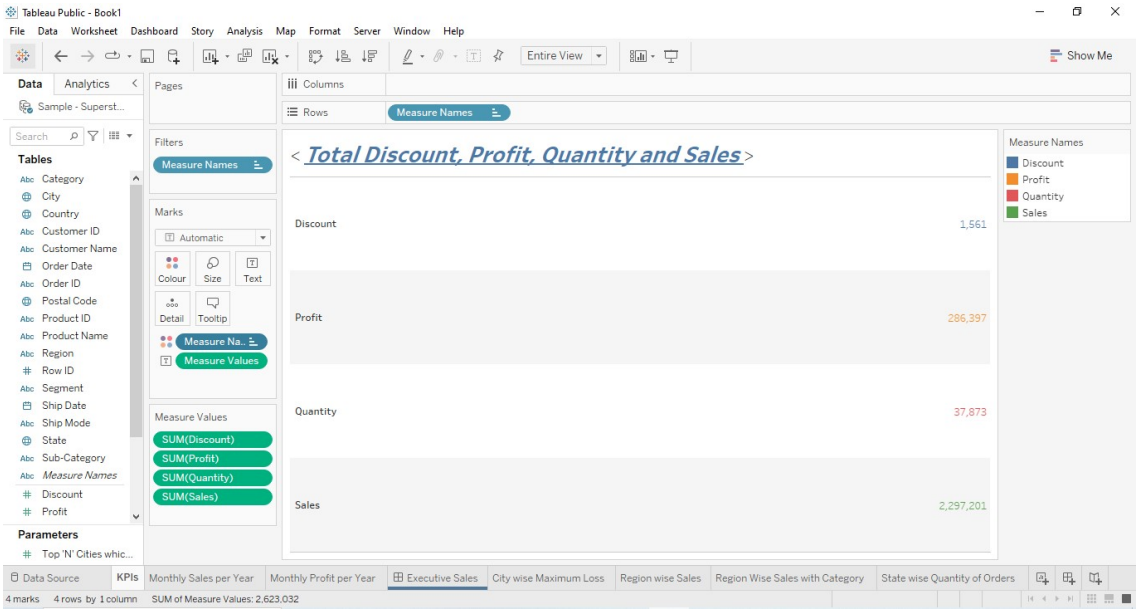
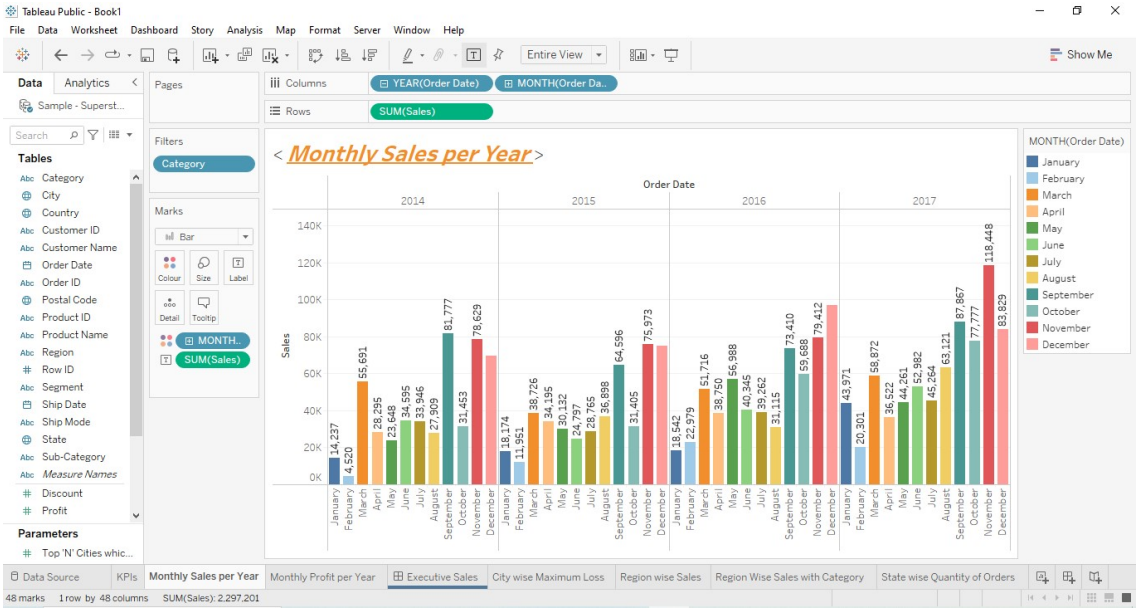
1.

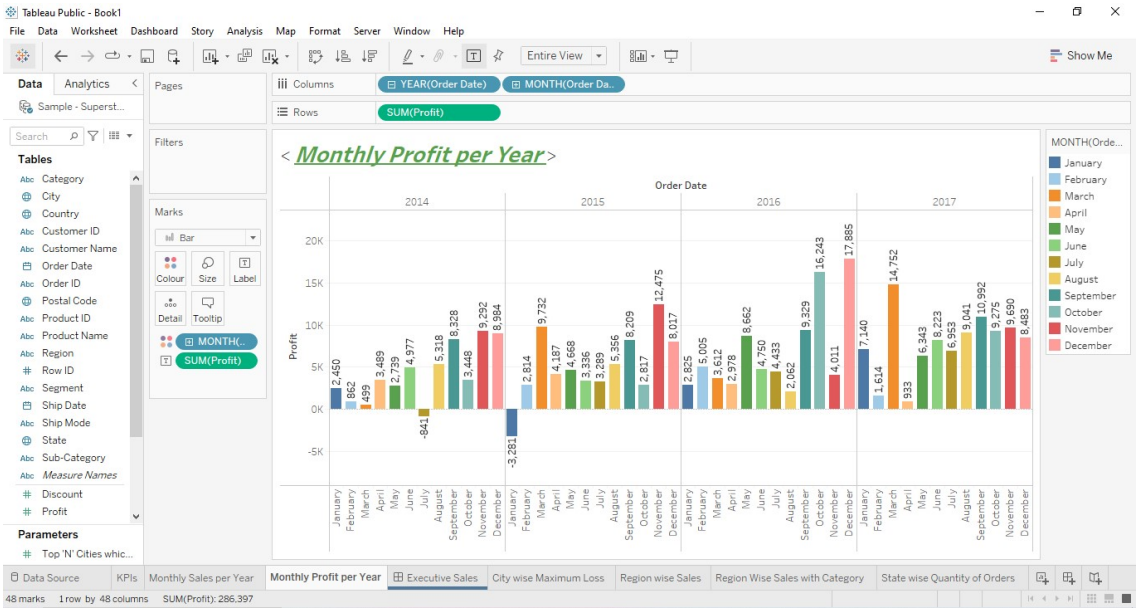
1. Below is the first sheet which required for ‘Dashboard creation’. It represents the ‘Total Discount, Profit, Quantity & Sales’ in the KPIs format:-



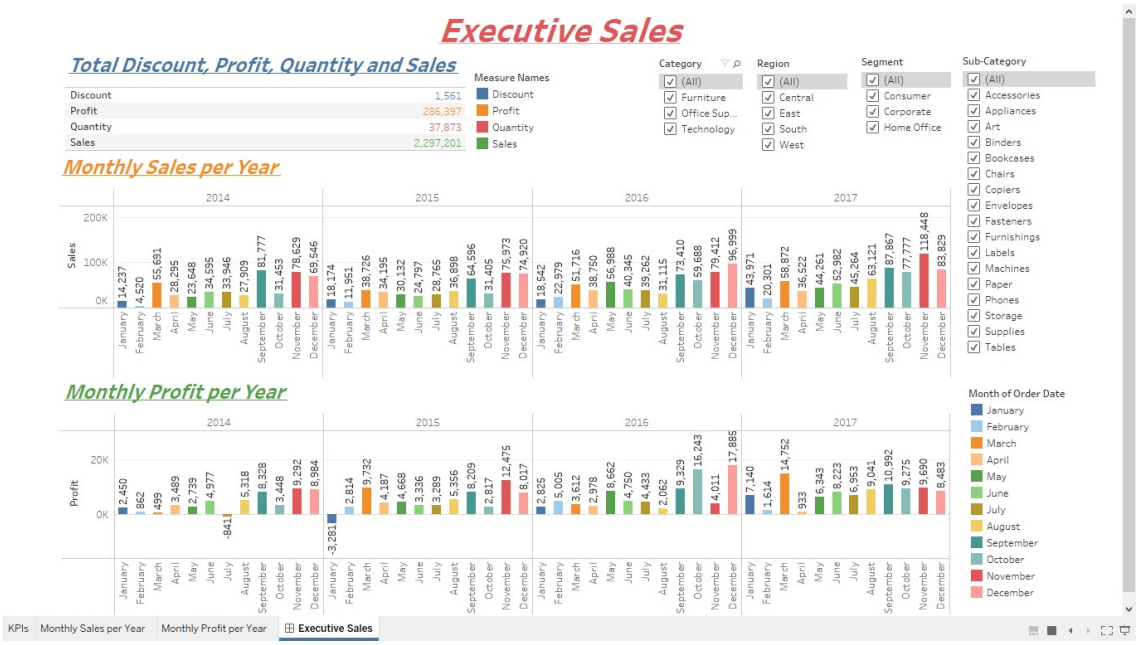
2. Here is the second sheet needed to create the 'Dashboard'. It displays the 'Year wise Monthly Sales' using a 'Side by Side bar chart'. The rows show the total sales, while the columns break down the Order date by year and month:-



3. Here is the third sheet needed to create the 'Dashboard'. It represents the Year wise Monthly Profit' using a 'Side by Side bar chart'. The rows show the total sales, while the columns break down the Order date by year and month:-

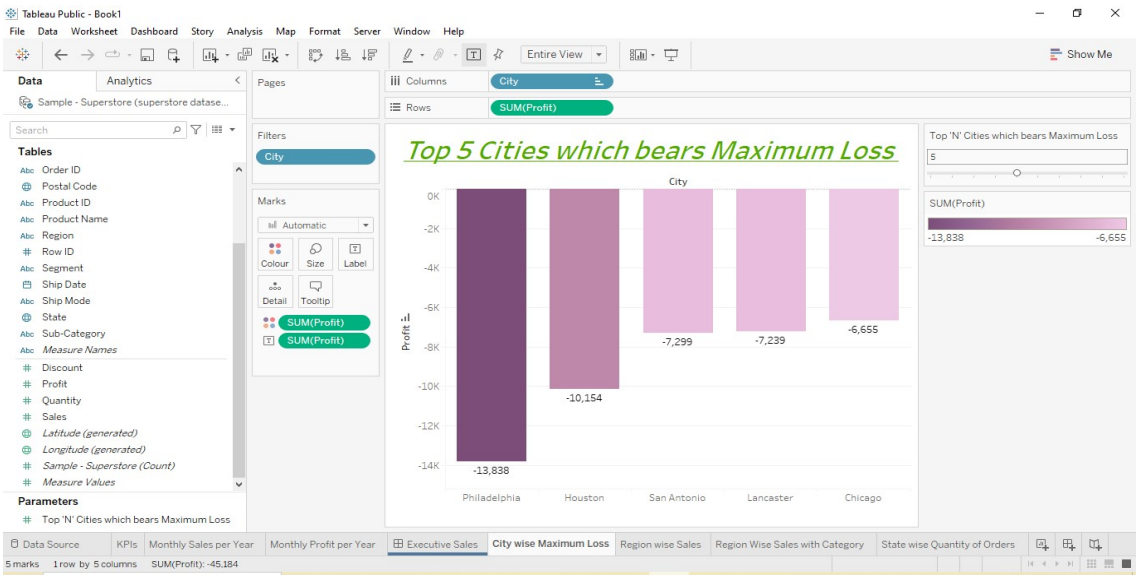


⇨ Below is the view of the 'Dashboard' Created with the title 'Executive Sales' using the above three sheets. Dashboard size has been fixed as 1250 px wide by 750 px tall using the custom size available in Size pane. Further "Filters" for Category, Region, Segment, & Sub-category have been added and connected using 'All Using Related Data Sources'.

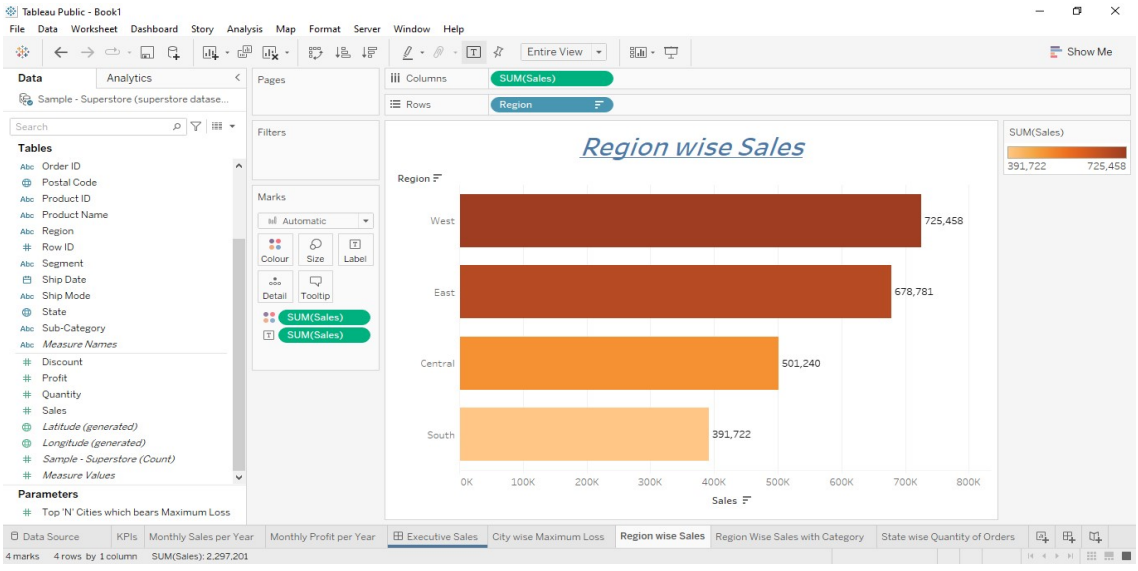


2.

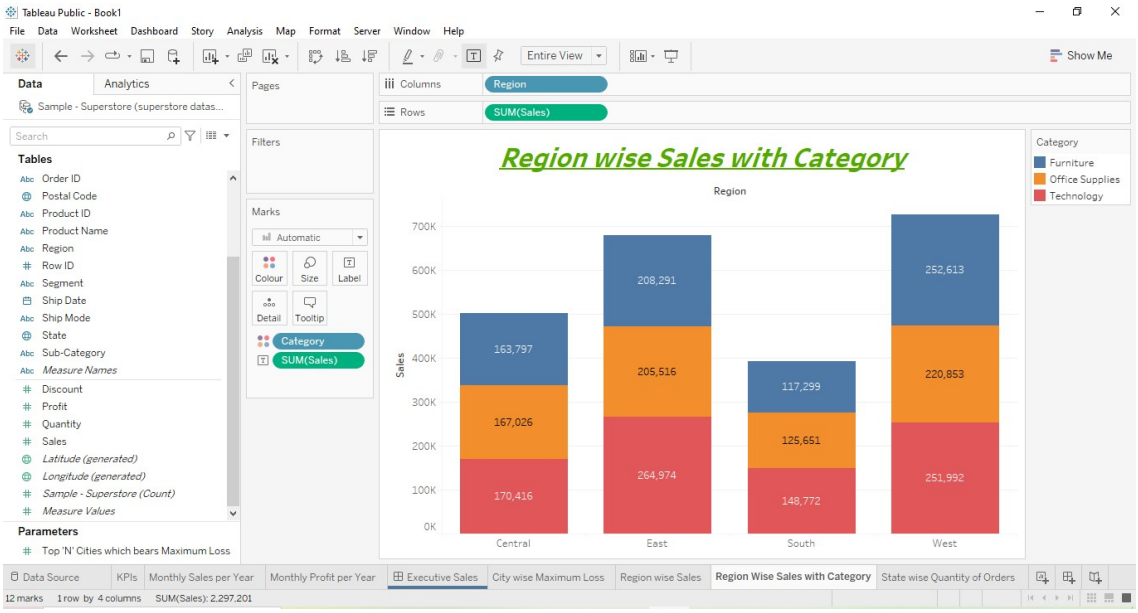
1. To find the top five cities which bears maximum loss, here made an analysis with bar chart taking city (in column) and total profit (in rows). Then made a filter with city and further edit this filter using 'Top'. Then Select 'By field'-> from dropdown select bottom and then select create new parameter to create a parametric filter "Top N cities which bears Maximum Loss".
Here, after selecting the said filter and set it on 5, this sheet displays the top five cities with the greatest losses. The darker shade indicates the city with the highest loss, while the lighter shades indicate progressively lower losses. From the chart, it is evident that 'Philadelphia' has the highest loss among these cities. **So answer for top 5 cities which bear maximum loss (in decreasing order of loss) are "Philadelphia", "Howston", "San Antonio", "Lancaster" & "Chicago"**.



2. Below sheet represents the region wise total sales value. To achieve this analysis, 'Region' has been put on Rows & 'Total Sales' on column to create a horizontal bar chart. From this analysis, it can be seen that the "West" region have the highest sales. **So answer is 'West' region.**



3. This sheet displays the total sales value for each region and category. A "stack bar chart" has been utilized to determine which category has the highest sales in each region. Based on the analysis, it is apparent that the **"Technology" category in the "East" region had the highest sales**, followed by **"Furniture" in the "West" region,** and then **"Technology" again in the "Central" and "South" regions**, respectively.



4. A bar chart has been created to identify which state has the highest quantity of orders. The chart uses 'State' as the column and 'Quantity' as the row. The analysis shows that "California" has the highest number of orders. **So answer is "California".**