

## Project Development - Delivery of Sprint-2

Date	8 November 2022
Team ID	PNT2022TMID42755
Project Name	Global Sales Data Analytics

### Data Visualization Chart:

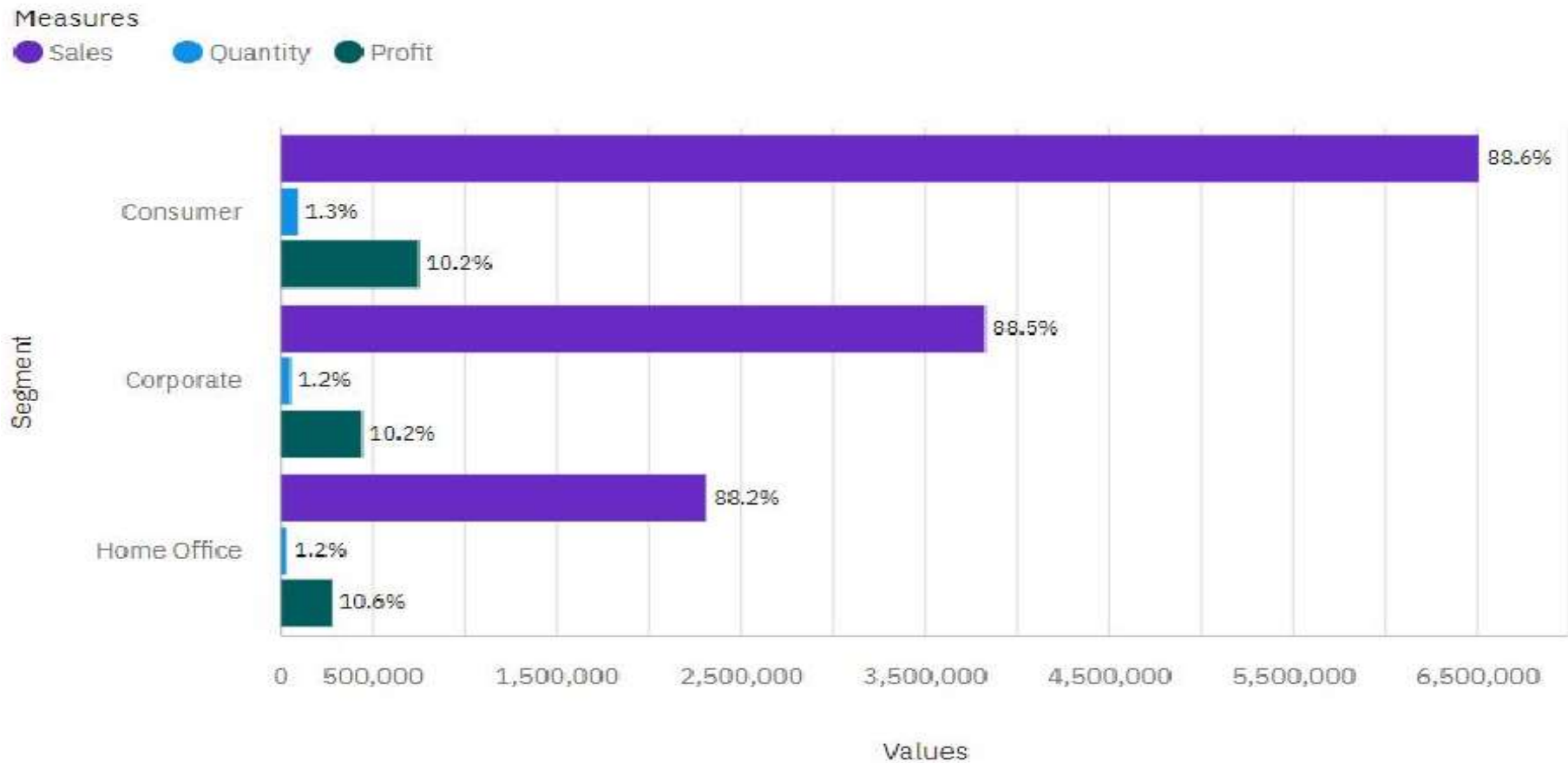
Using the Global Superstore dataset, create various graphs and charts to highlight the insights and visualizations.

## \*Build a Visualization to showcase

- Login to IBM Cognos then in open menu click New - Dashboard.
- Select a template for our dashboard and click create.
- Then select the **Global Superstore.csv** dataset under my content tab and click add In Add a source.
- Rename the tab title with suitable name.
- Select the visualizations chart whatever we want.

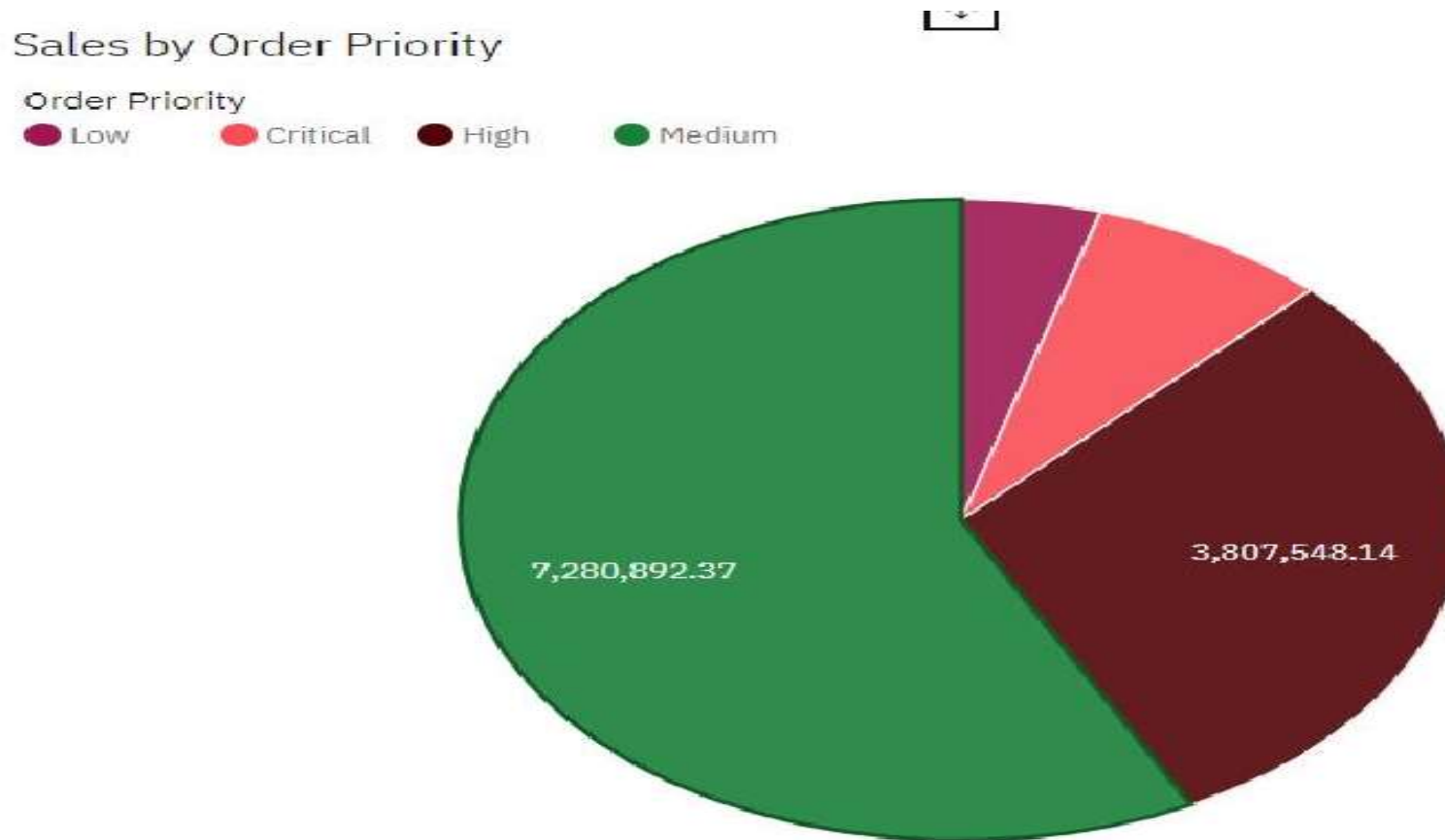
## 1. Segment Wise Sales, Profit and Quantity:

- We can select the bar chart for visualization the Segment wise sales.
- Place the segment in bar.
- Place the sales in length.



## 2. Sales by Market:

- We can select the Pie chart for visualization the sales by market.
- Place the order priority in Segment.
- Place the sales in Size.



### 3. Sales by sub category and sales by region:

- We can choose Tree map for the visualization the sales by sub-category.
- In Area hierarchy we place the sub-category.
- In size we place the sales.

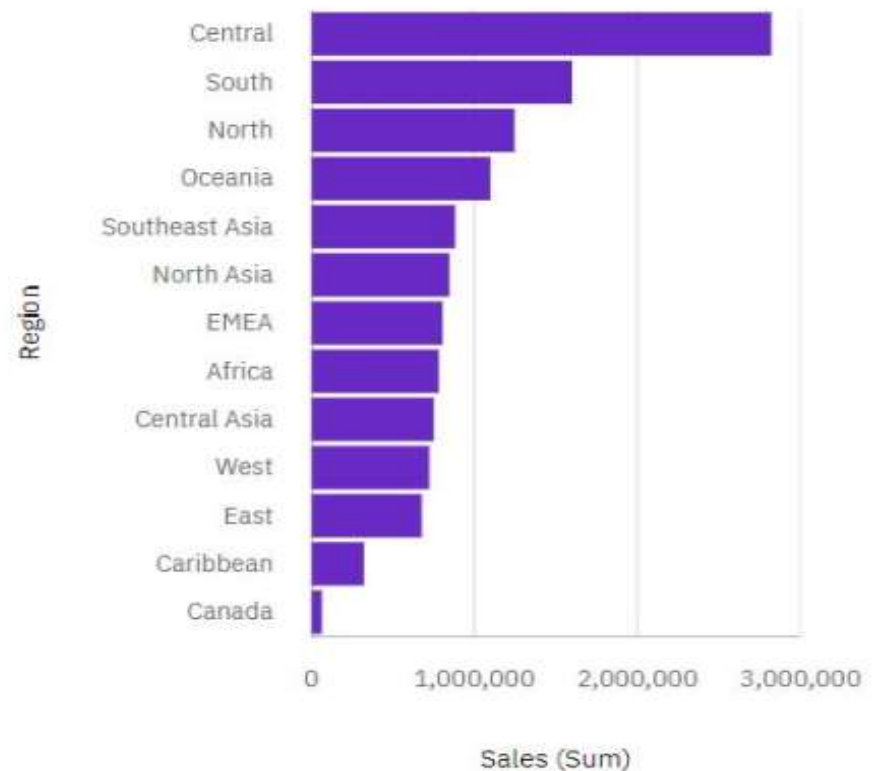
#### Sales by Region:

- We can choose the Bar chart for the visualization.
- In Bar we place the Region.
- In length we place the Sales.

Sub-category wise Sales



Sales by Region



#### 4. Country wise sales using map points:

- We choose the map chart visualization.
- In location we place the Country.
- In Point size we place the Sales.
- In Point color we place the Region.

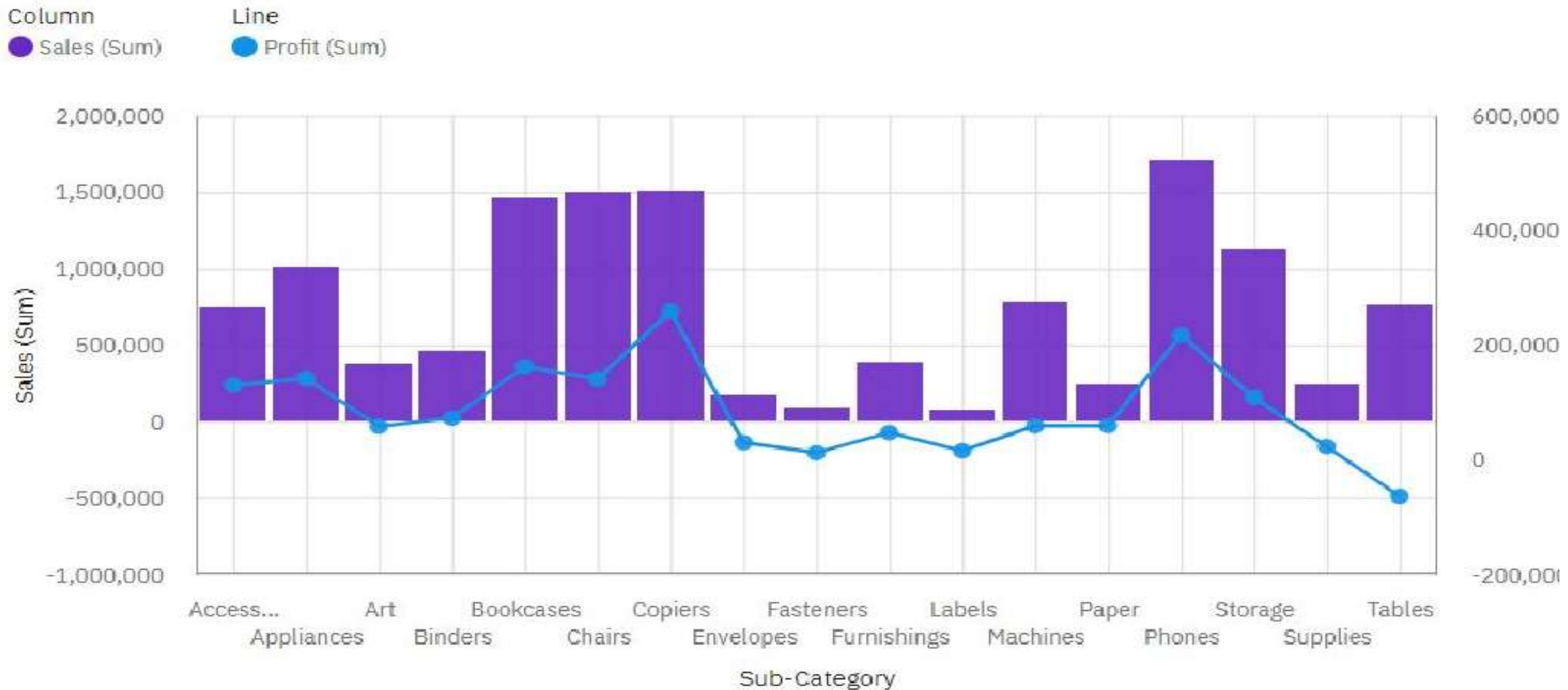
Region and Sales for Country points



## 5.Sub category wise sales and profit using line and bar chart

- We choose the Line and column chart visualization.
- In X-axis we place the sub-category.
- In Column length we place the sales.
- In Line position we place the profit.

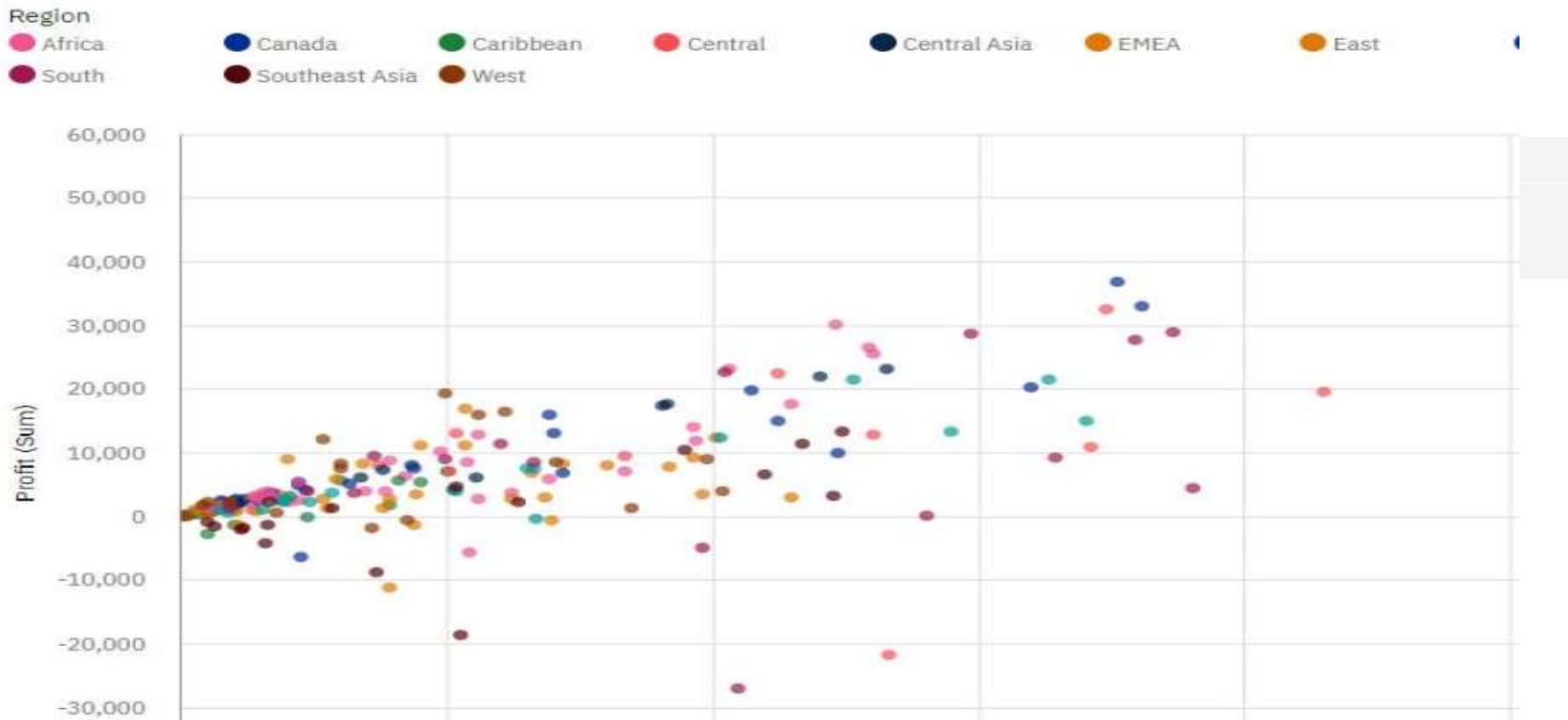
Profit and Sales by Sub-Category



## 6.Sales vs profit scatter plot with sub categories and regions

- We choose the scatter chart visualization.
- In X-axis we place the Sales.
- In Y-axis we place the profit.
- In X-Points we place the Sub-category.
- In Color we place the Region.

Sales by Profit with points for Sub-Category

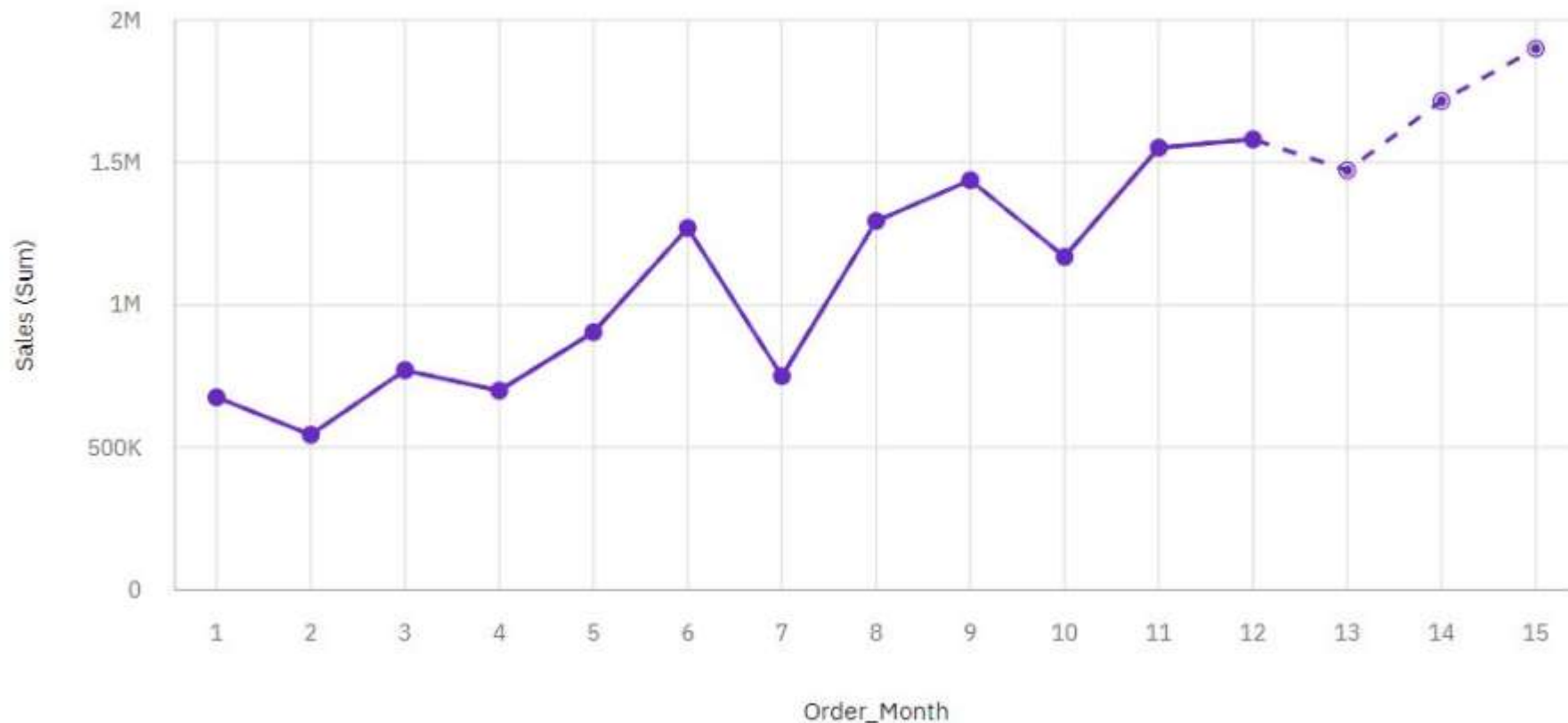


## 7.Regional sales and profit forecast

- We choose the Line chart for the visualization.
- In X-axis we place the order month.
- In Y-axis we place the sales.
- In Y-axis we place again the profit.
- In Color we place the region.
- We place region in filters. It will be able to see the sales area.

Sales by Order\_Month

\*\*\* Forecast

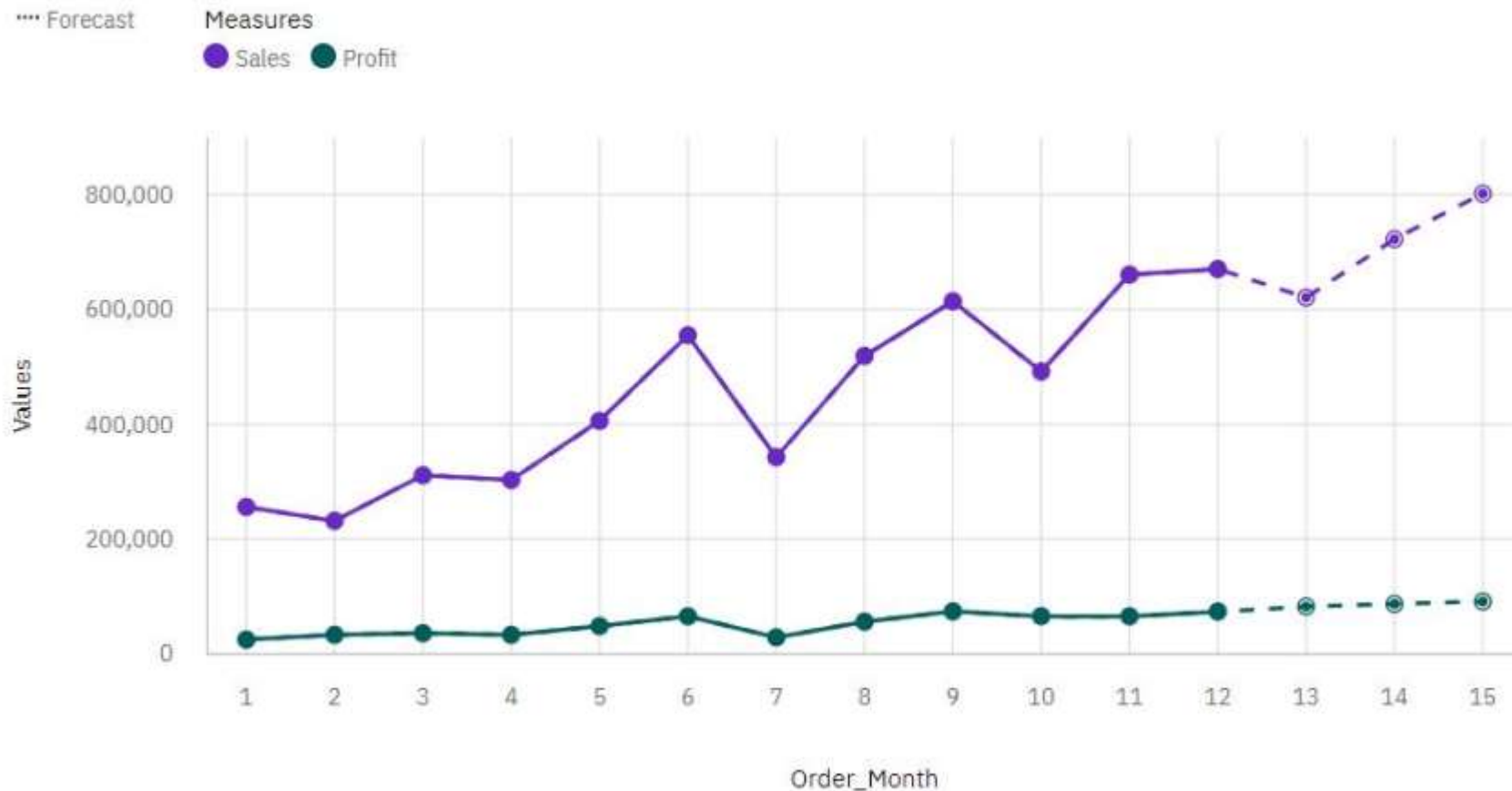




## 8.Sales forecast for order priority

- We choose line chart for the visualization.
- In X-axis we place the order month and order priority.
- In Y-axis we place the sales and profit.
- We enable the forecast option.
- We place order priority in filters. It will be able to see the sales order priority.

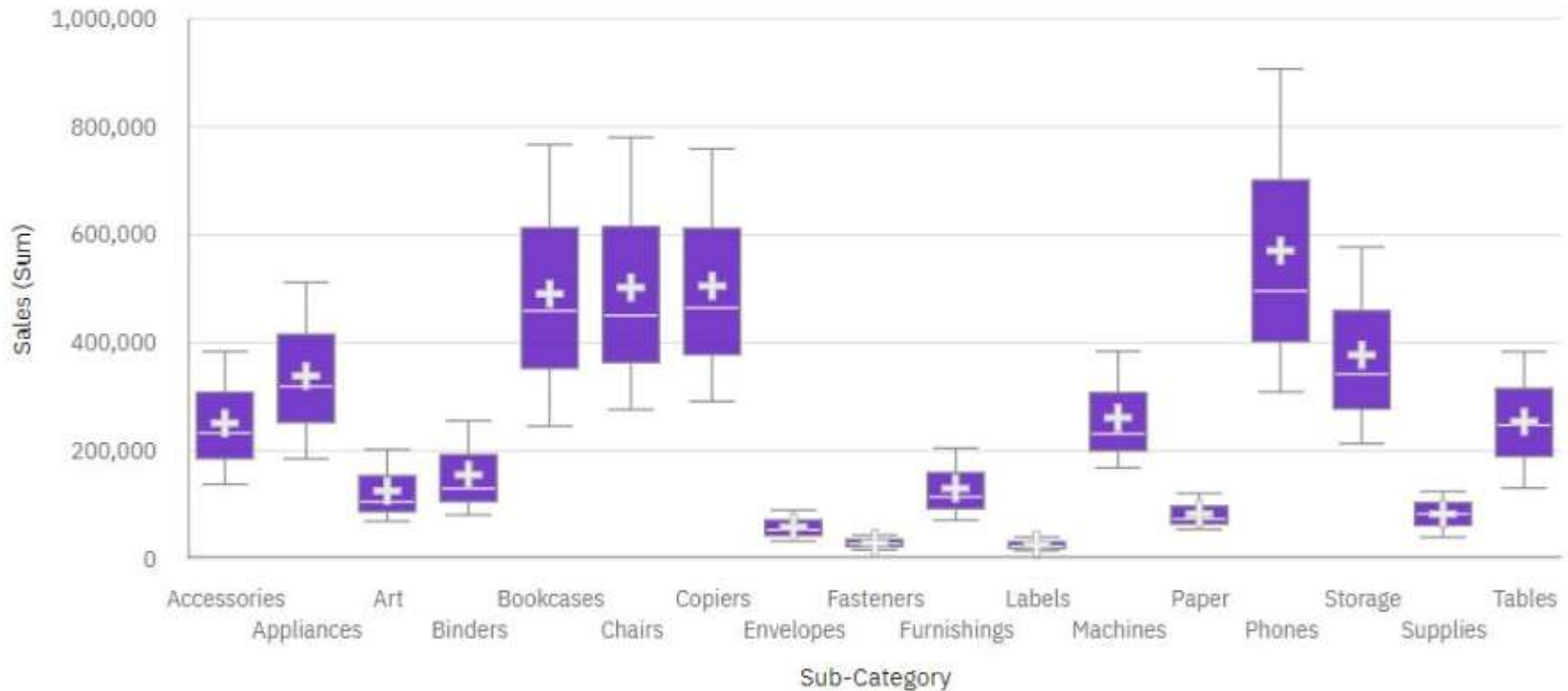
Sales and Profit by Order\_Month



## 9.Sales by sub category analytics

- We choose Box plot for the visualization.
- In X-axis we place the sub-category.
- In Y-axis we place the sales.
- In Key value we place the segment.

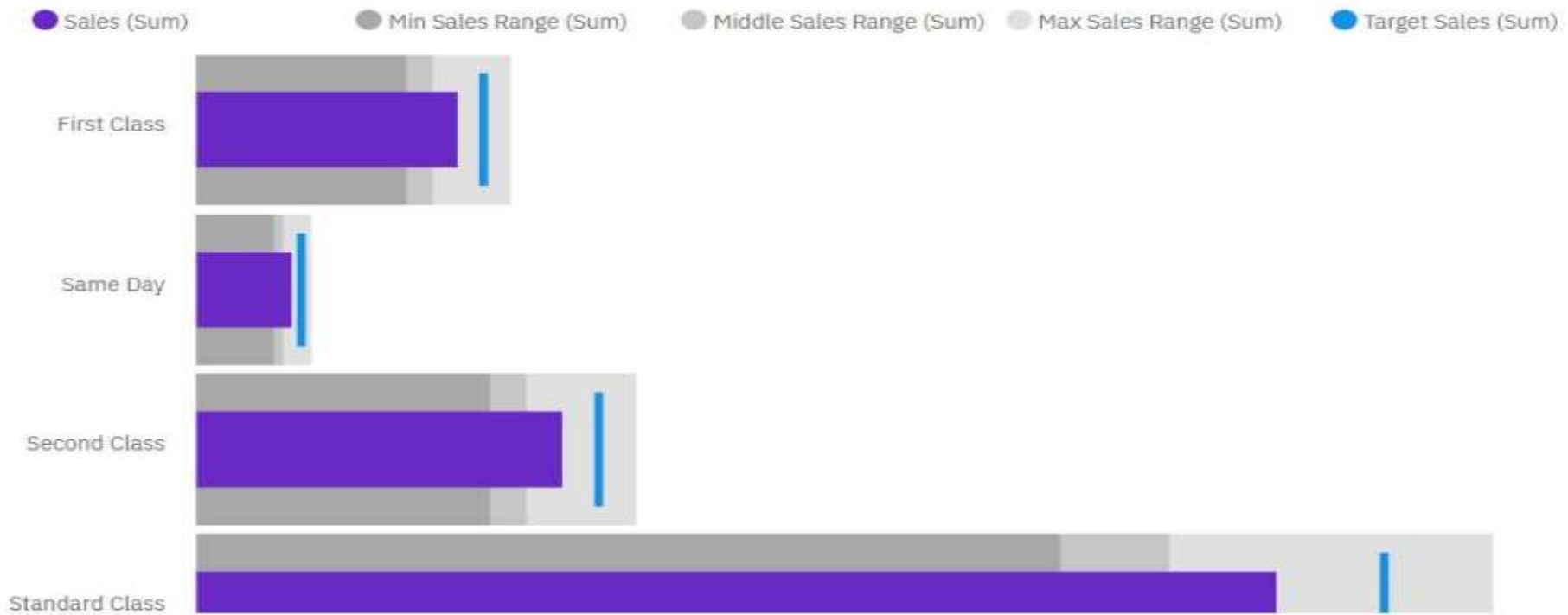
Sales by sub-category BOX plot with Segment key



## 10.Sales by segment analysis

- We choose Bullet chart for the visualization.
- We create the calculation.
- In Actual bar we place the sales.
- In Target we place the target sales.
- In Minimum range we place the minimum sales range.
- In Middle range we place the middle sales range.
- In Maximum range we place the maximum sales range.
- In Repeat we place the ship mode.

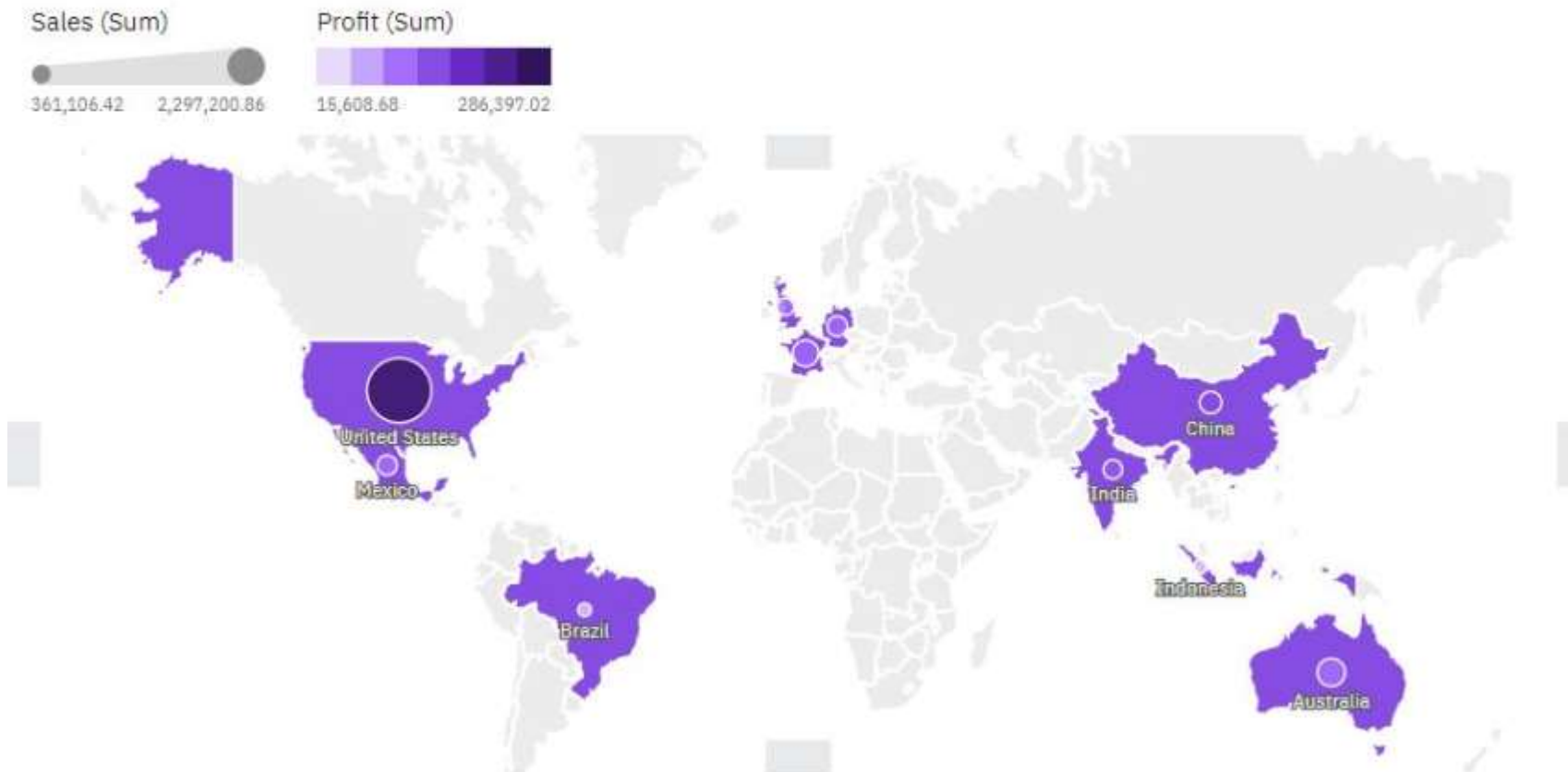
Sales Bullet Chart by Ship Mode



## 11.Sales vs profit by country

- We choose legacy map for the visualization
- In Region heat we place the country.
- In size we place the sales.
- In bubble heat we place the profit.

Top 10 Country by Sales

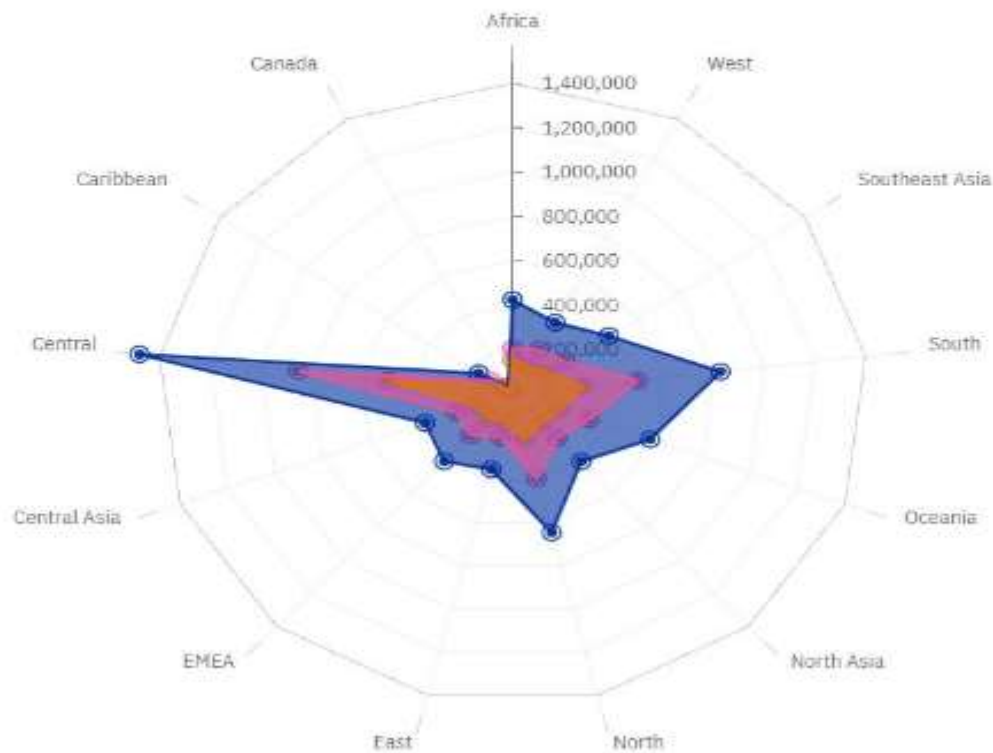


## 12.Regional quantity and sales using radar chart

- We choose radar chart for the visualization.
- In X-axis we place the sub-category.
- In Y-axis we place the sales.
- In Color we place segment.

Regional Sales by Segment

Segment  
● Consumer ● Corporate ● Home Office





## 14.Sales dashboard

- We choose summary card charts and bar chart for the visualization.
- In Bar we place the sub-category.
- In Length we place the sales.

