

PROJECT DEVELOPMENT

PHASE

SPRINT -3

TEAM ID	PNT2022TMID51838
PROJECT NAME	GLOBAL SALES DATA ANALYTICS

➤ **Creating Dashboard**

➤ **Creating Report**

➤ **Creating Story**

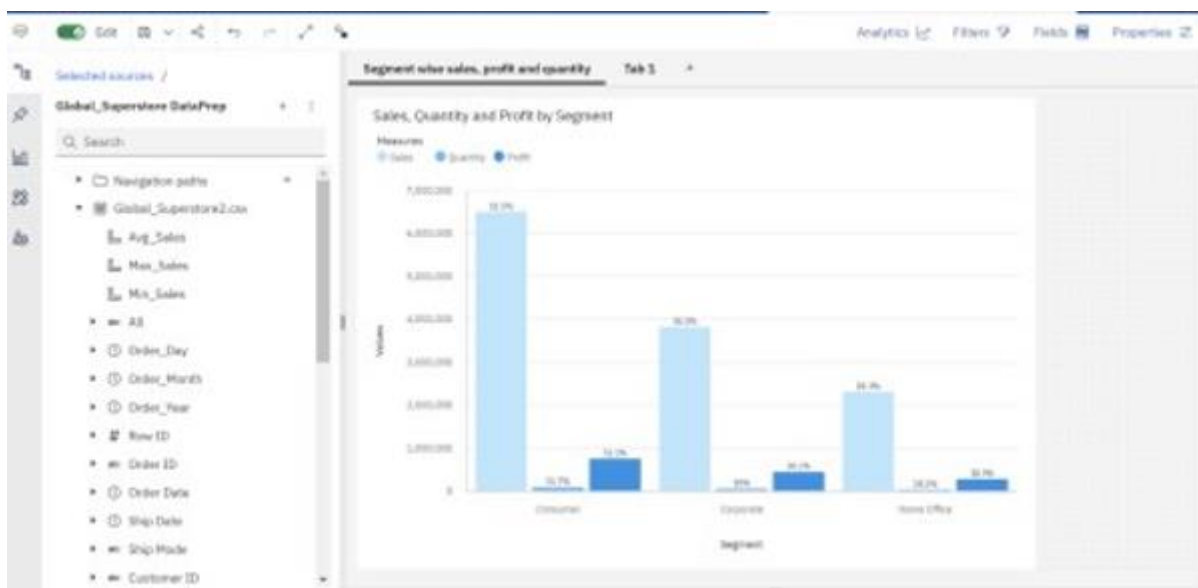
Data Visualization Charts

- ✚ Global Superstore-Data Upload.
- ✚ Global Superstore Data Prep.
- ✚ Date Calculations and Navigation path.
- ✚ Segment wise Sales, Profit and Qty.
- ✚ Use Pie to showcase Sales by Order Priority and Sales by Market.
- ✚ Use a TreeMap to present Sales by Sub-Category
- ✚ Using a Bar chart present Sales by Region by the Sales Order.
- ✚ Present Regional Sales using Map Country points -- Showcase Top 10 countries.
- ✚ Present Sales (Bar), Profit (line) by Sub-Category using Line and Column Chart.
- ✚ Sales vs Profit Scatter Plot with Sub-Category points and Region in Colour.
- ✚ Sales and Profit Forecast by Month Country as Region and Region as Filter.
- ✚ Sales vs Profit forecast by Month by Order Priority.
- ✚ Show the Min, Max, and Avg Sales by Sub-Category using the Box plot.
- ✚ By setting a 10% extra Target for Sales Present Segment-wise Sales use BulletChart.
- ✚ Present Sales using Hierarchy Bubbles by Market / Region.
- ✚ Using a Legacy Map Present Sales vs Profit by Country / Region.
- ✚ Showcase Quantity Sold by Radar Chart across various Regions.

- ✚ Present Monthly Sales by Sub-Category using Waterfall chart.
- ✚ Present Sales Vs Profit of Countries by Word Cloud.
- ✚ Sales dashboard with Summary Cards.

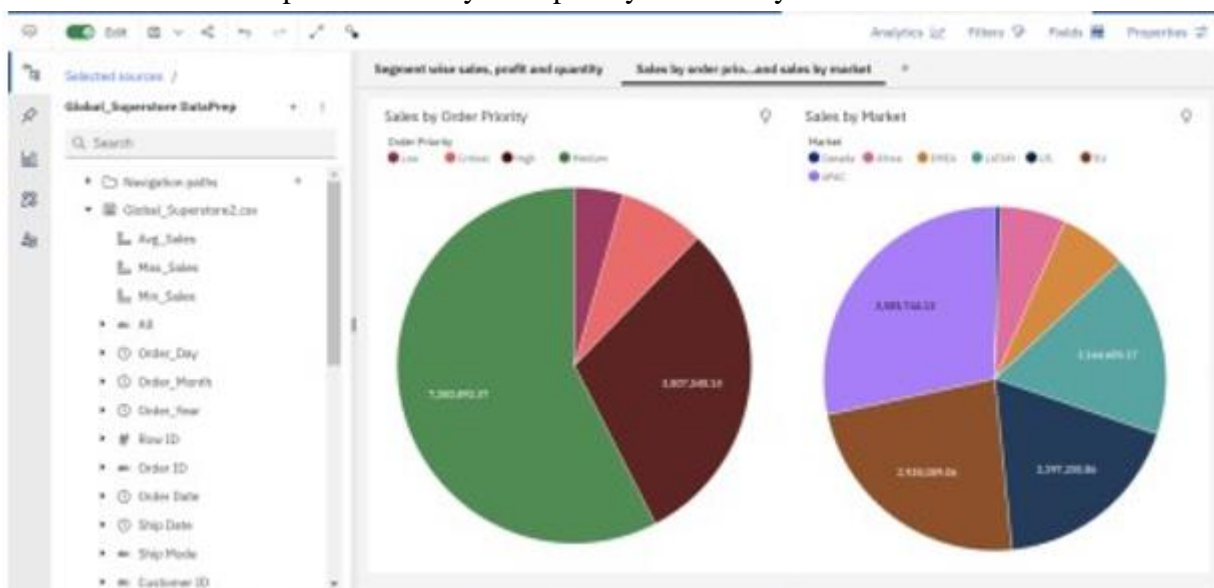
SEGMENT WISE SALES BY ORDER PRIORITY AND SALES BY MARKET

- ❖ Visualization represents segment wise sales by order priority and sales by market



SALES BY ORDER PRIORITY AND SALES BY MARKET

- ❖ Visualization represents sales by order priority and sales by market



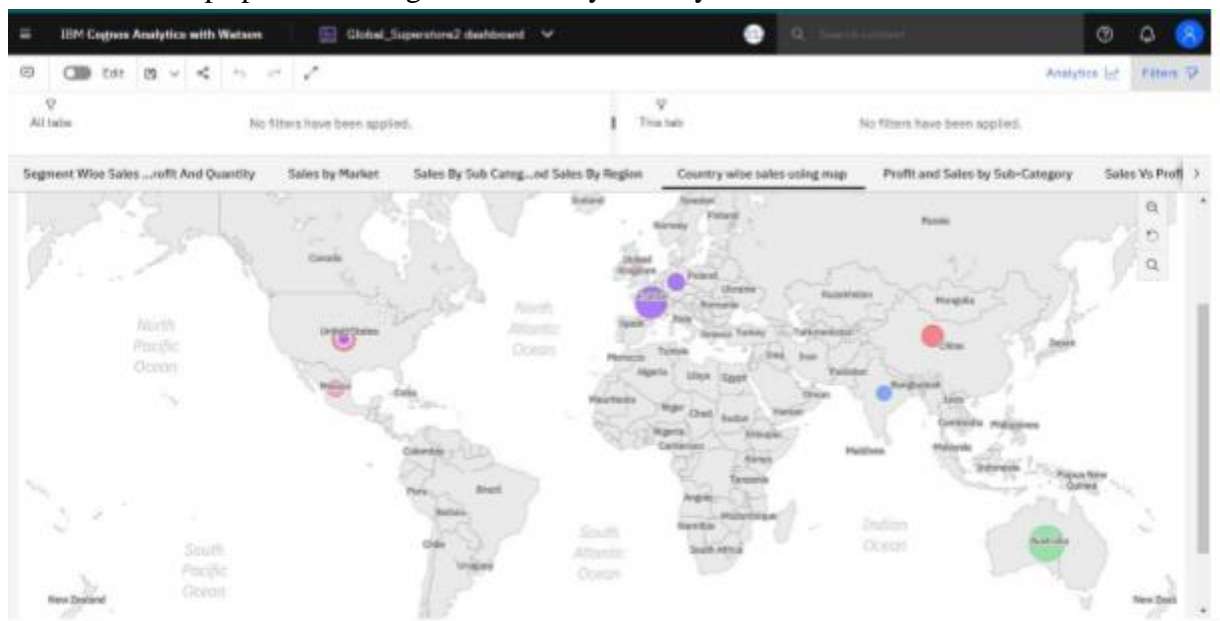
SALES BY SUB-CATEGORY AND SALES BY REGION

❖ Visualization represents the sales by sub category and sales by region.



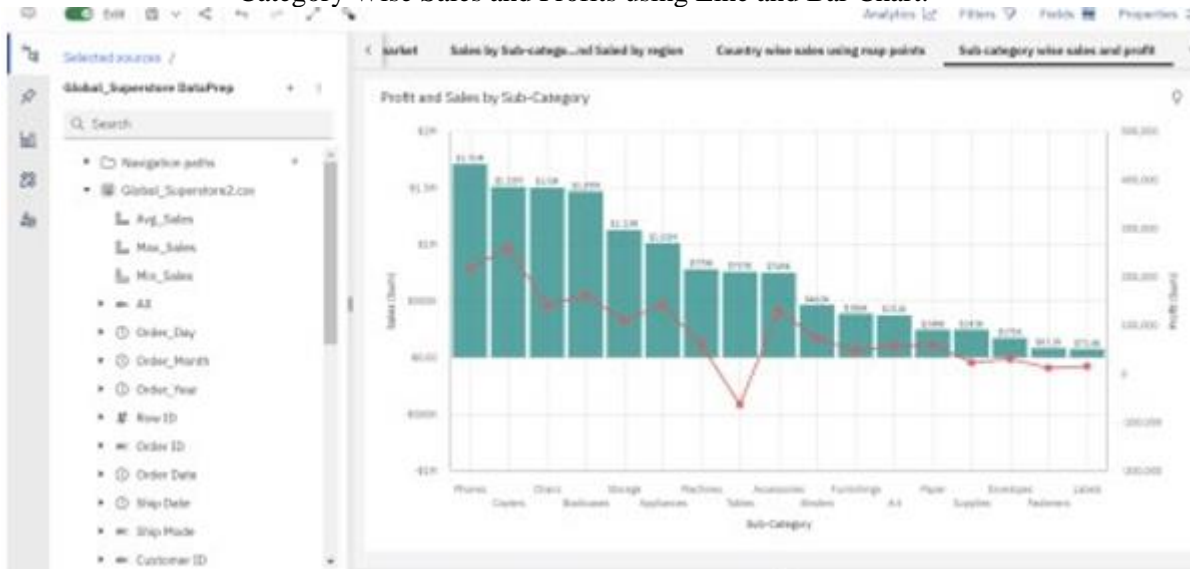
COUNTRY WISE SALES USING MAP POINTS

❖ Geo maps provides insights of sales by country.



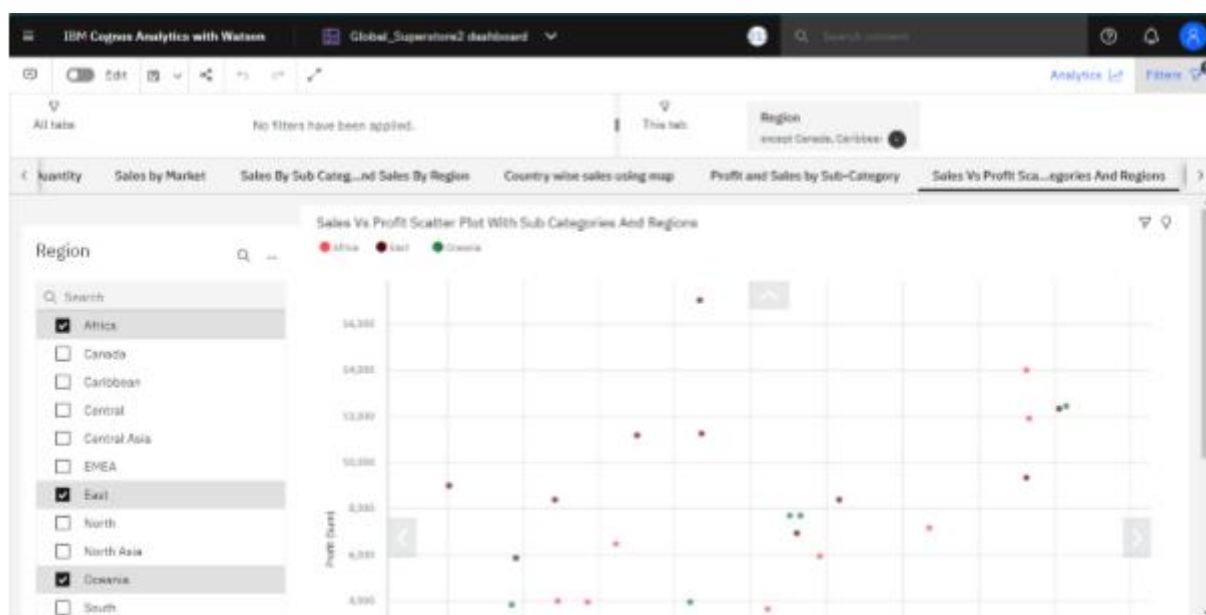
SUB CATEGORY WISE SALES AND PROFITS USING LINE AND BAR CHART

- ❖ Sales vs Profit are represented in the below combinational visualization - Bar represents the sales by sub-Category and the Line represents the Profit by Sub-Category. Sub Category Wise Sales and Profits using Line and Bar Chart.



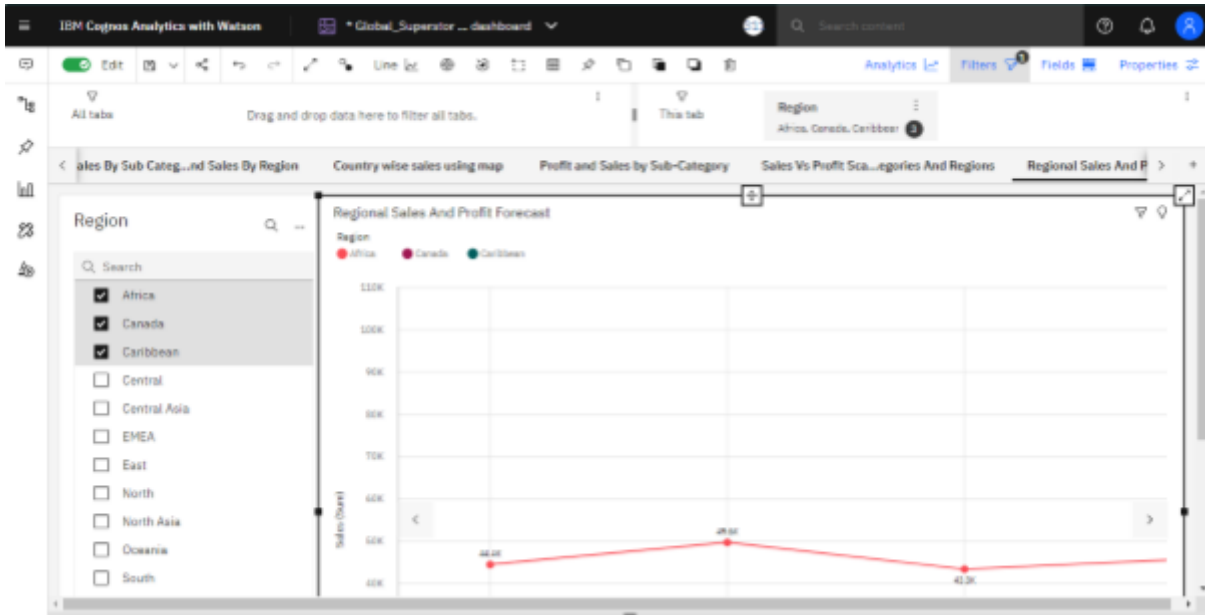
SALES VS PROFIT SCATTER PLOT WITH SUB-CATEGORIES AND REGIONS

- ❖ This visualization represents sales vs profit scatter plot with sub-categories and regions



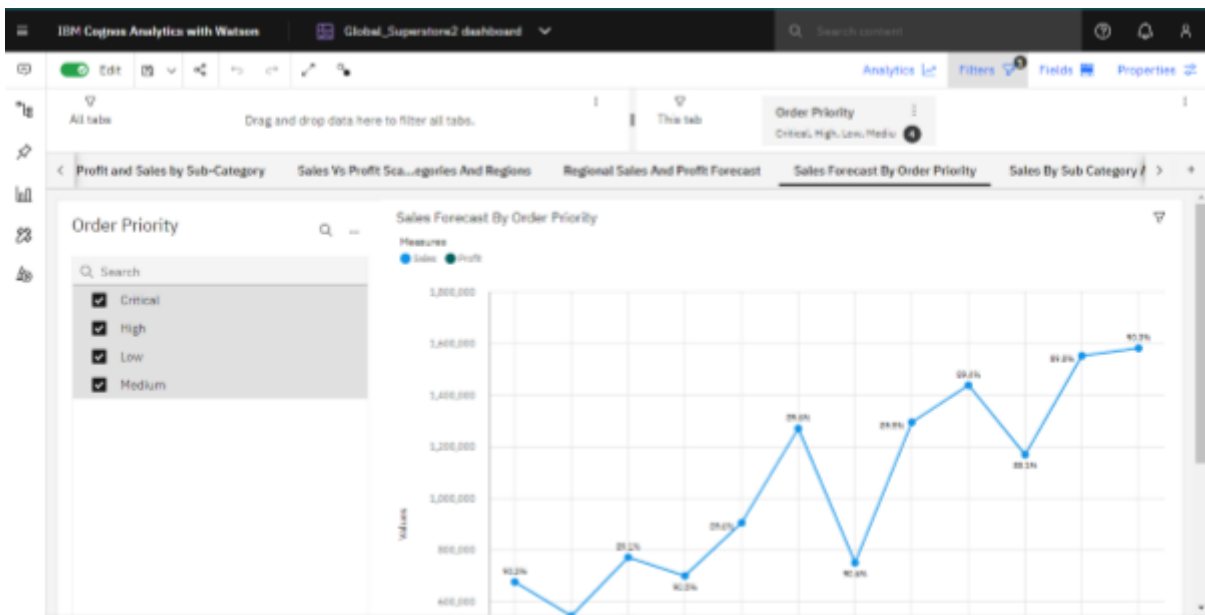
REGIONAL SALES AND PROFIT FORECAST

- ❖ Monthly Sales vs Profit forecast Analysis is represented in the below visualizations. It shows the Monthly Sales and Profits by Regions. Regional Sales and Profit Forecast.



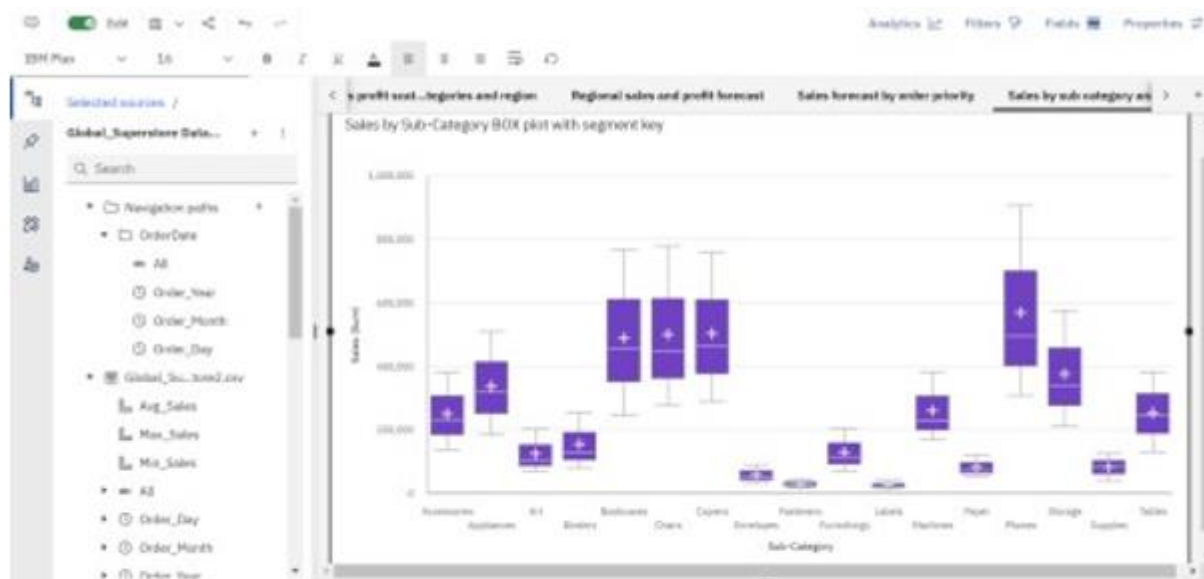
SALES FORECAST BY ORDER PRIORIT

- ❖ Monthly Sales forecast is presented in the below visualization based on the Sales Order Priority.



SALES BY SUB-CATEGORY ANALYTICS

- ❖ This visualization represent sales by category analytics



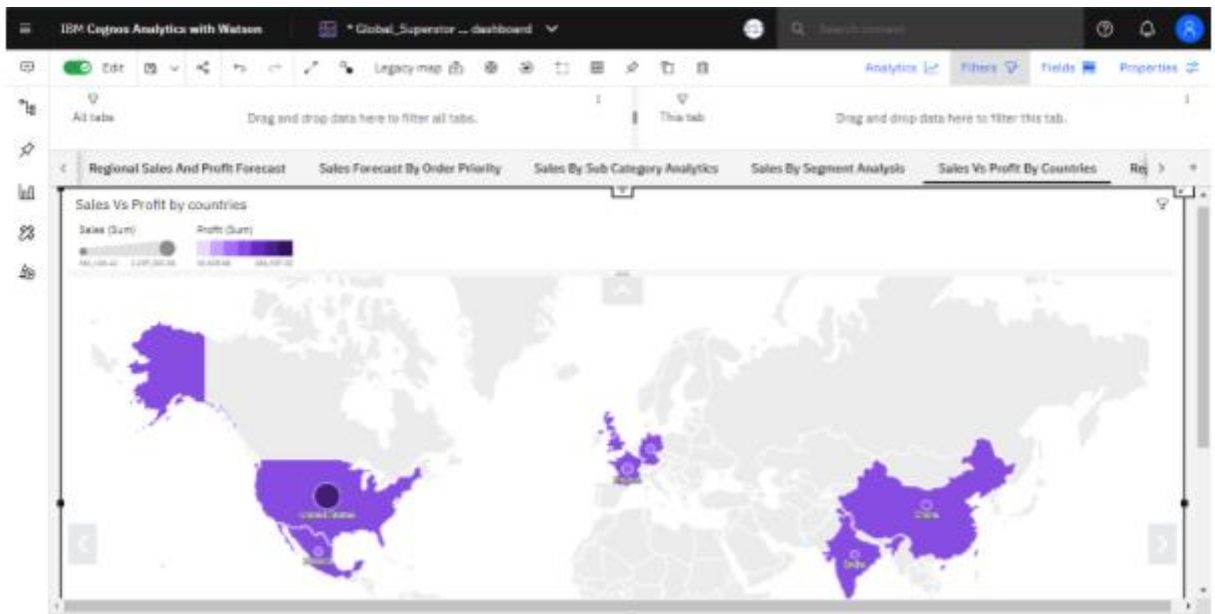
SALES BY SEGMENT ANALYSIS

- ❖ The following Analytical Visualization - Bullet Chart, shows the Mean, Median, Min and Max Sales by Segment along with Targeted Sales values.



SALES VS PROFIT BY COUNTRIES

❖ The following visualization represents Sales vs Profit by Countries.



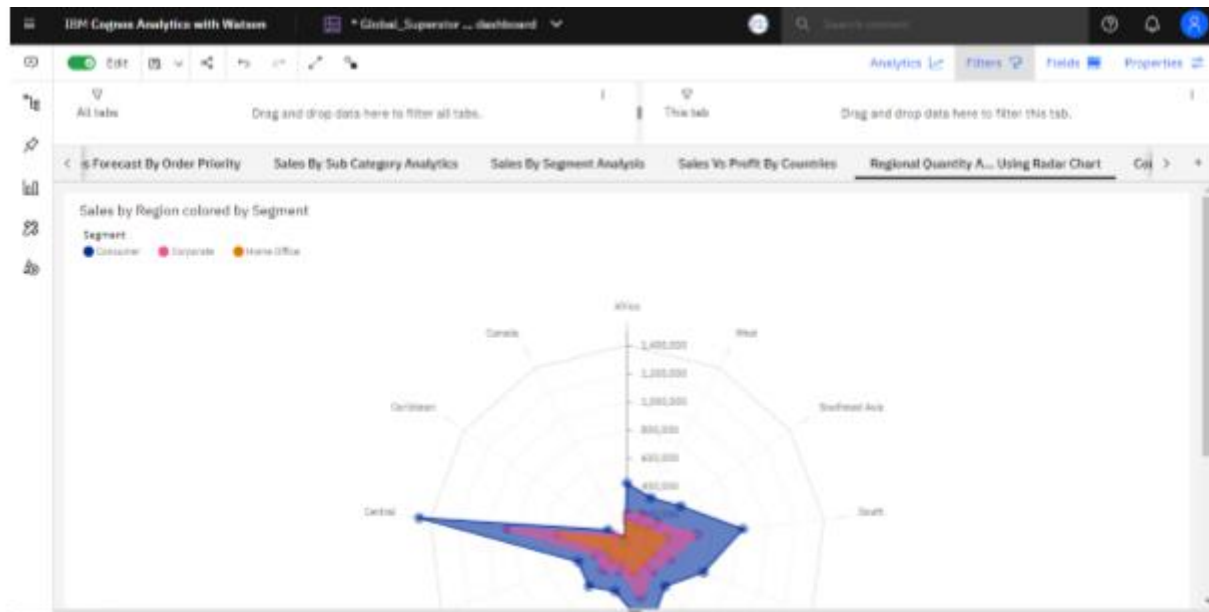
Present Regional Sales using Map Country points -- Showcase Top 10 countries

❖ This visualization represent present region using map country points



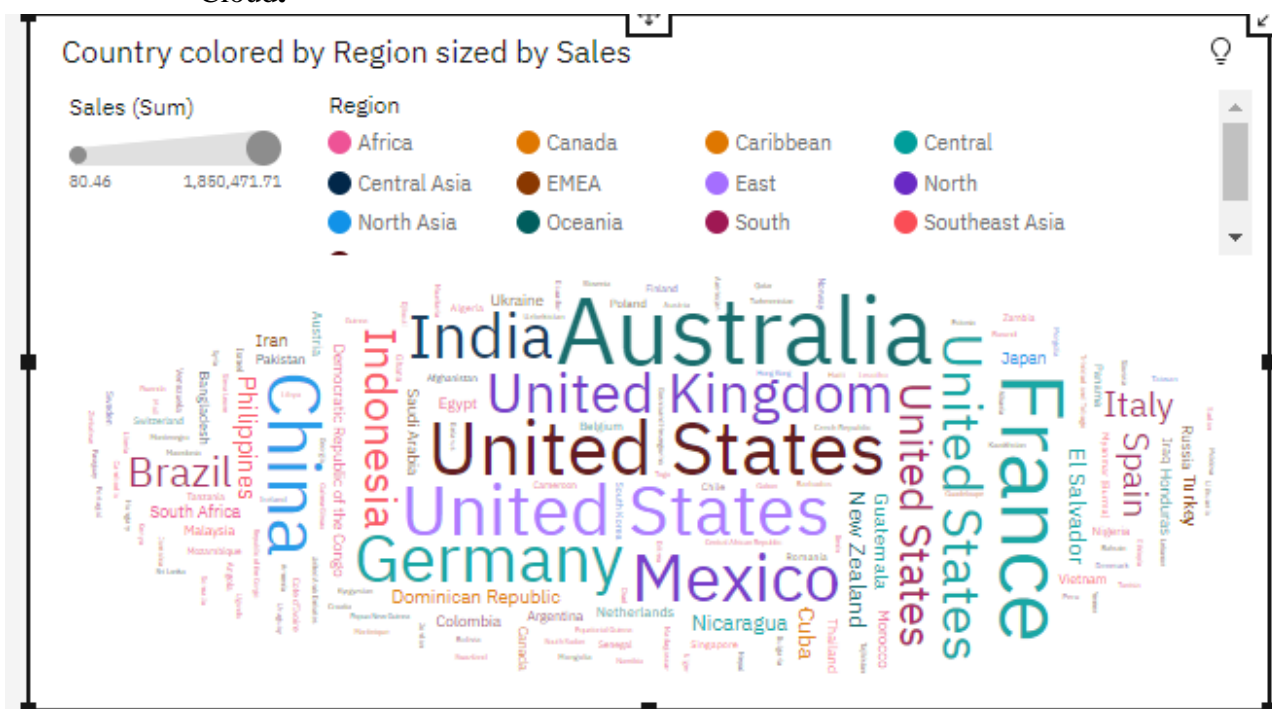
REGIONAL QUANTITY & SALES USING RADAR CHART

❖ The below Radar Visualization represents Regional Quantity and Sales



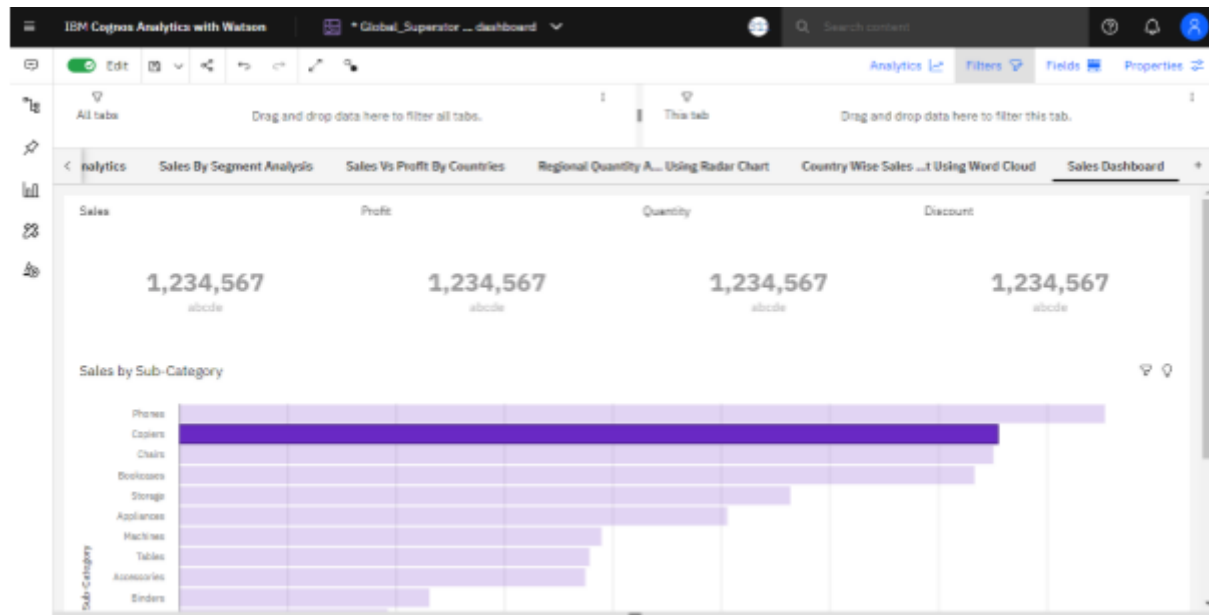
COUNTRY WISE SALES VS PROFIT USING WORD CLOUD

- ❖ The following visualization represents Country Wise Sales vs Profit using Word Cloud.



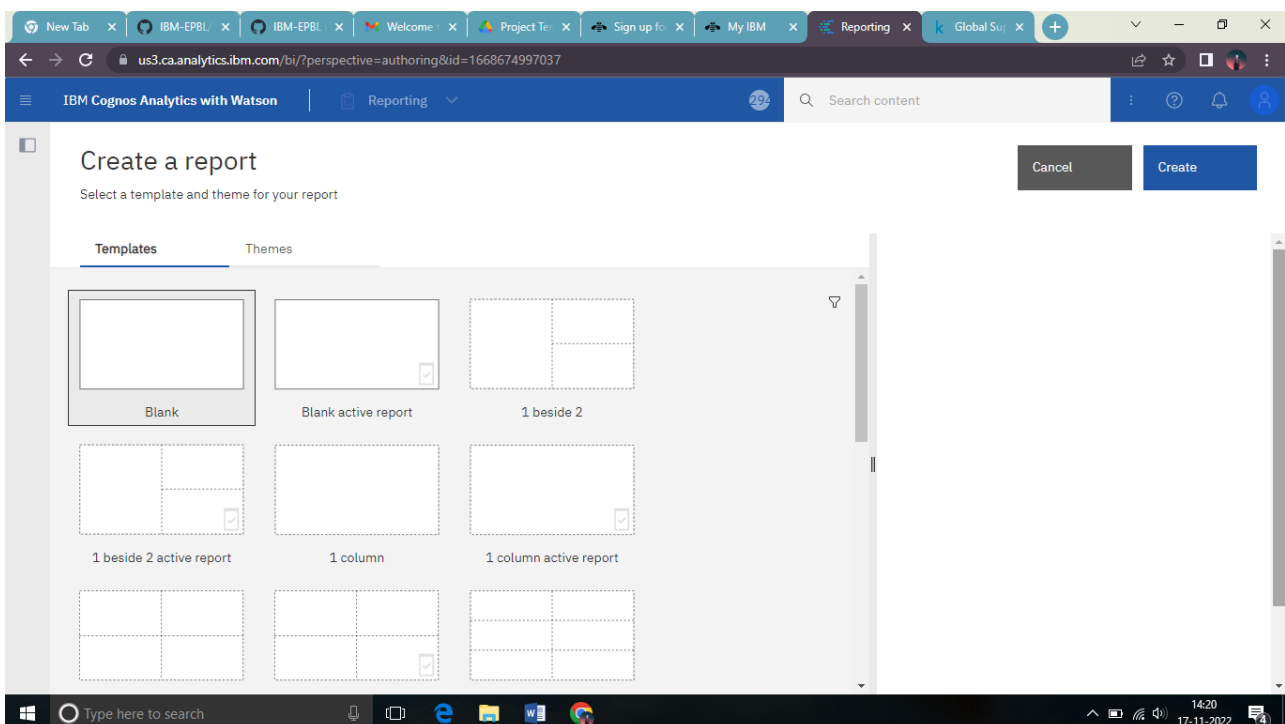
SALES DASHBOARD

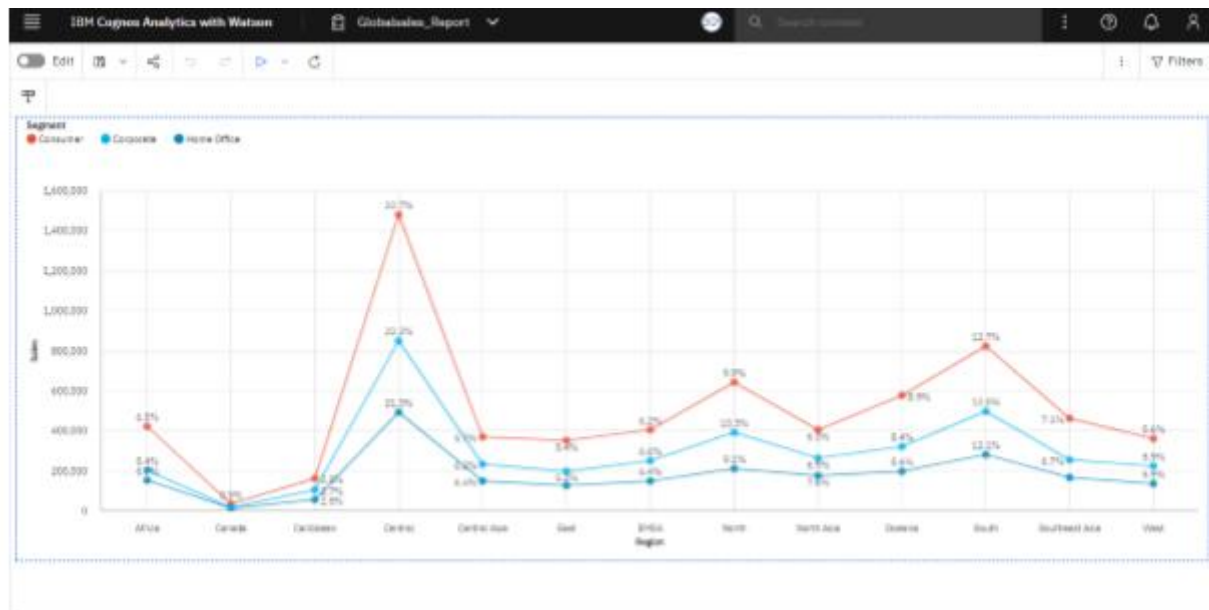
- ❖ The following Sales Dashboard represents various analytical visualizations for overall comparative study of Sales Business of the organization.



➤ Creating Report

- ❖ Creating report using IBM Cognos Analytics with Watson





➤ Creating Story

❖ Creating story using IBM Cognos Analytics with Watson

The screenshot shows the IBM Cognos Analytics interface. The top navigation bar includes 'IBM Cognos Analytics with Watson', 'New dashboard', and a search bar. The main area displays a dashboard titled 'Global sales data analytics' with a search bar and a list of data sources. The data sources include 'Global_Superstore2.csv' and various fields like '# Row ID', 'abc Order ID', 'Order Date', 'Ship Date', 'Ship Mode', 'Customer ID', 'Customer Name', and 'Segment'. The dashboard is currently empty, showing a 'Tab 1' header. A 'movavi' watermark is visible across the center of the screen.

IBM Cognos Analytics with Watson

* New story

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connection name

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Edit

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Analytics

Filters

Fields

Properties

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All scenes

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This scene

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Global Sales Data Analytics

Shopping online is currently the need of the hour. Because of this COVID, it's not easy to walk in a store randomly and buy anything you want. So, try to understand a few things like, Customer Analysis and Product Analysis of this Global Super Store.

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Prev scene

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Next scene

Scene 1 of 1

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0:05.0

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