

Delivery of Sprint 3

Date	14th November
Team ID	PNT2022TMID43650
Project Name	Project - Global Sales Data Analytics

Visualizing Data In IBM COGNOS ANALYTICS

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IBM Cognos Analytics with Watson

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Hello. Welcome to Cognos Analytics with Watson.

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Quick launch

- Upload data: Upload or drag and drop spreadsheets, csv files, and other
- Prepare data: Use data modules to clean and connect data from multiple
- Exploration: Quickly find unbiased answers by identifying trends in your data with
- Present data: Create sophisticated, multi-page, multi-query dashboards, reports,

Select the source as Global Super Store DataPrep

Select sources

My content

Type any text to filter items in this folder

- Global Sales data Dashboard
11/10/2022, 4:11 AM
- Global Super Store DataPrep
11/10/2022, 2:37 AM
- Global_Superstore2.csv
11/9/2022, 11:13 PM

Filter by

Reset filters

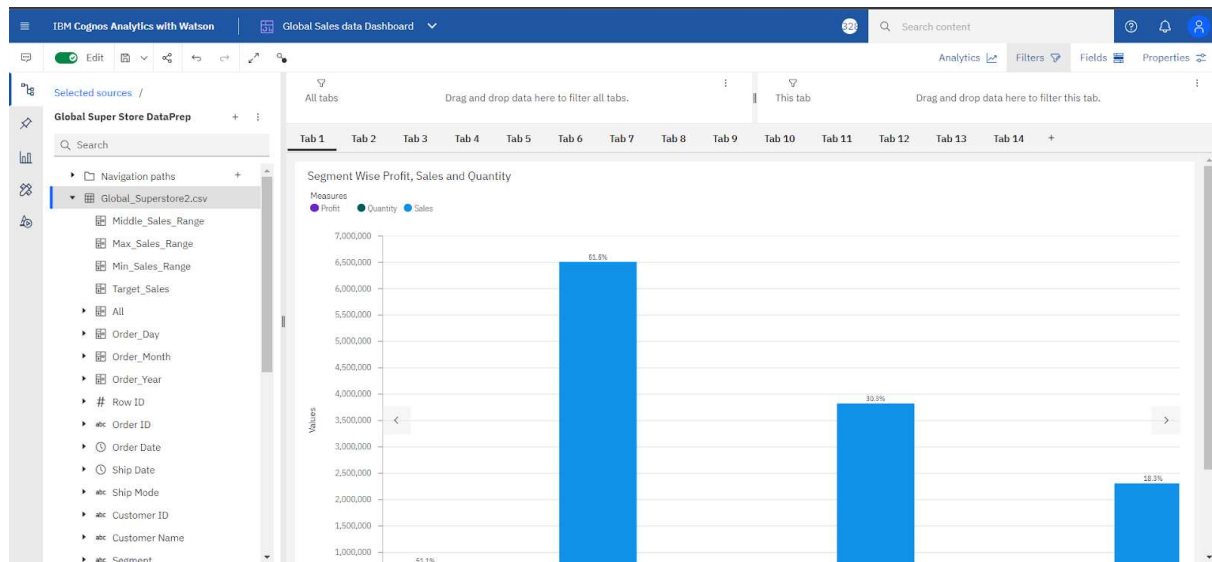
Type

- ☐ Folders
- ☐ Packages
- ☐ Files
- ☐ Data sets
- ☐ Modules

Modified

- ☒ All
- ☐ Today
- ☐ Yesterday
- ☐ Past week
- ☐ Past month

Select the Appropriate Data to create Visualizations

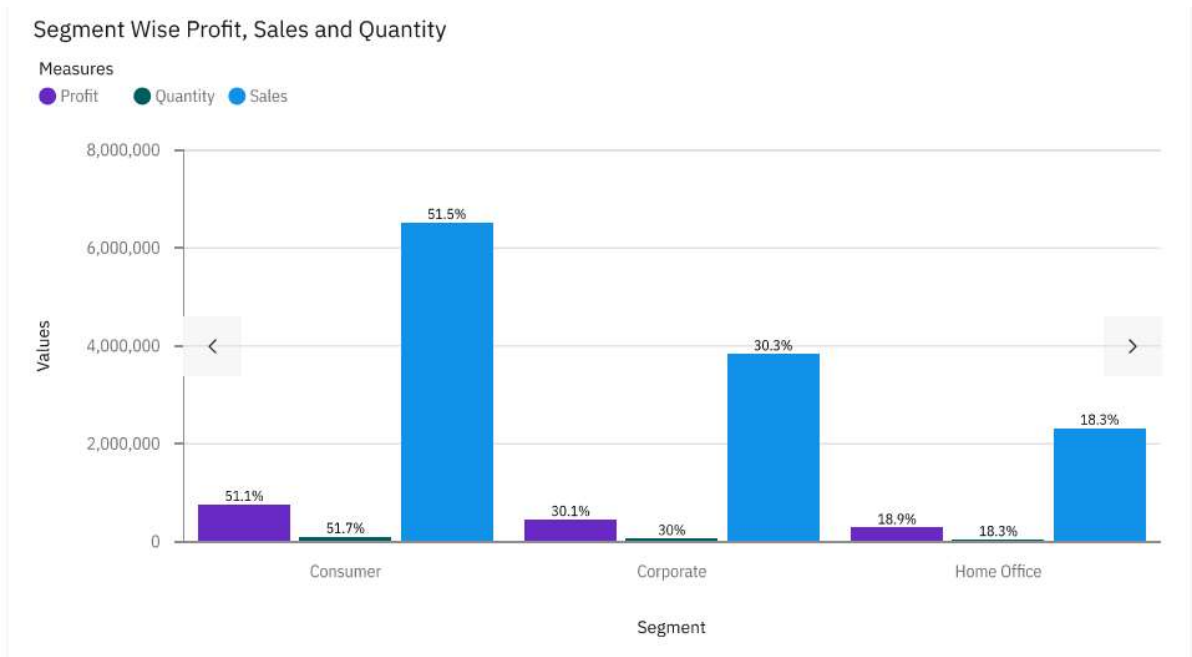


Create Data Visualization Charts for

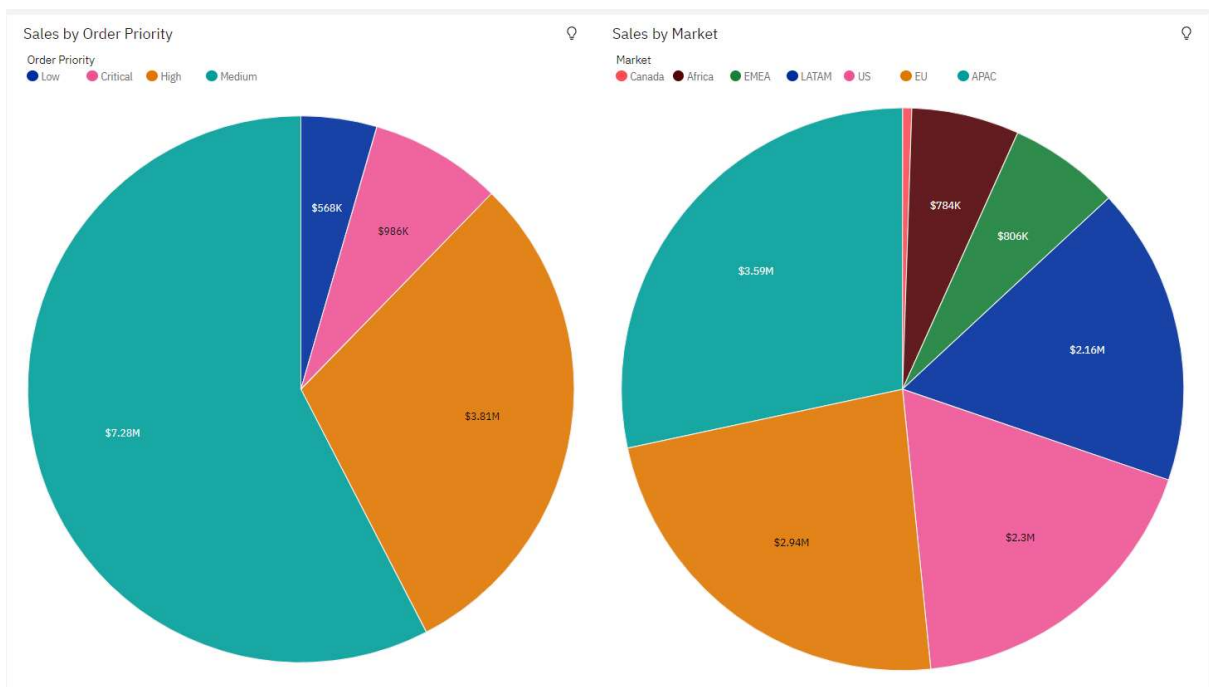
Data Visualization Charts:

1. Segment wise Sales, Profit and Qty
2. Use Pie to showcase Sales by Order Priority and
3. Sales by Market
4. Use a Tree Map to present Sales by Sub-Category
5. Using a Bar chart present Sales by Region by Sales order
6. Present Regional Sales using Map Country points -- Show case Top 10 countries.
7. Present Sales (Bar), Profit (line) by Sub-Category using Line and Column Chart
8. Sales vs Profit Scatter Plot with Sub-Category points and Region in Colour
9. Sales and Profit Forecast by Month Country as Region and Region as Filter
10. Sales vs Profit forecast by Month by Order Priority
11. Show the Min, Max, Avg Sales by Sub-Category using Box plot By setting 10% extra Target for Sales Present Segment-wise Sales use Bullet Chart
12. Present Sales using Hierarchy Bubbles by Market / Region
13. Using a Legacy Map Present Sales vs Profit by Country / Region
14. Show case Quantity Sold by Radar Chart across various Regions
15. Present Monthly Sales by Sub-Category using Waterfall chart
16. Present Sales Vs Profit of Countries by Word Cloud.
17. Sales dashboard with Summary Cards.

Segment wise Sales, Profit and Qty

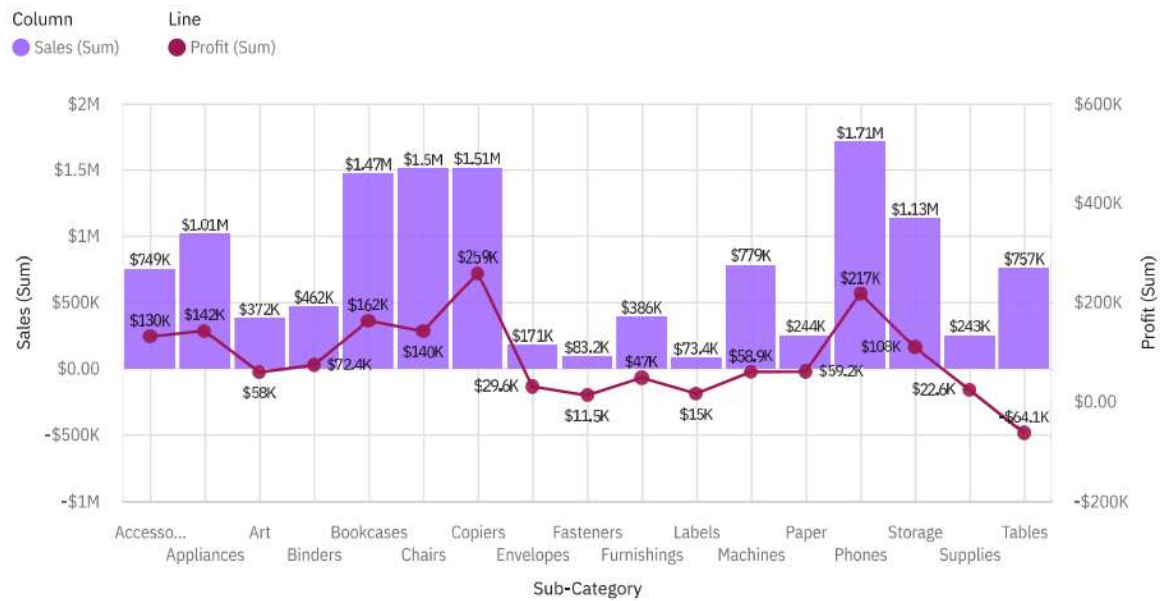


Sales by Order Priority and Market



Sub-category Wise Profit and Sales

Sub-Category wise Profit and Sales



Sales Vs Profit By Sub-Category and Regions

Region

Q ...

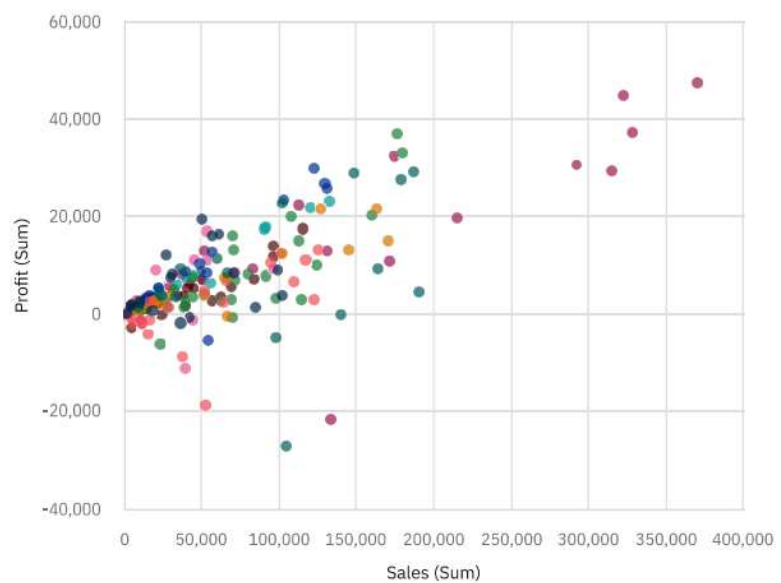
Sales vs Profit by Sub-Category and Regions

1

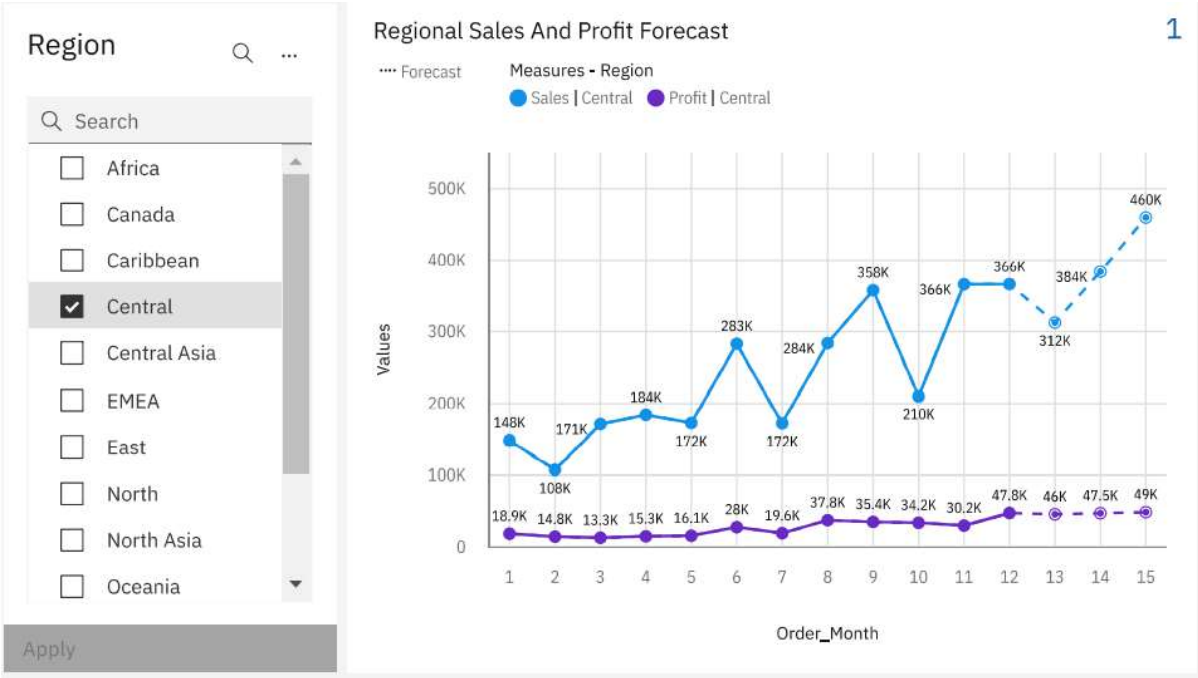
Q Search

- ☒ Africa
- ☒ Canada
- ☒ Caribbean
- ☒ Central
- ☒ Central Asia
- ☒ EMEA
- ☒ East
- ☒ North
- ☒ North Asia
- ☒ Oceania

Apply



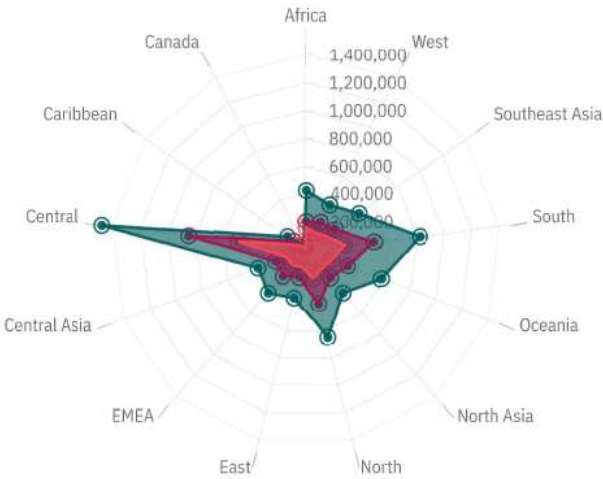
Regional Sales and Profit Forecast



Regional Quantity and Sales using Radar Chart

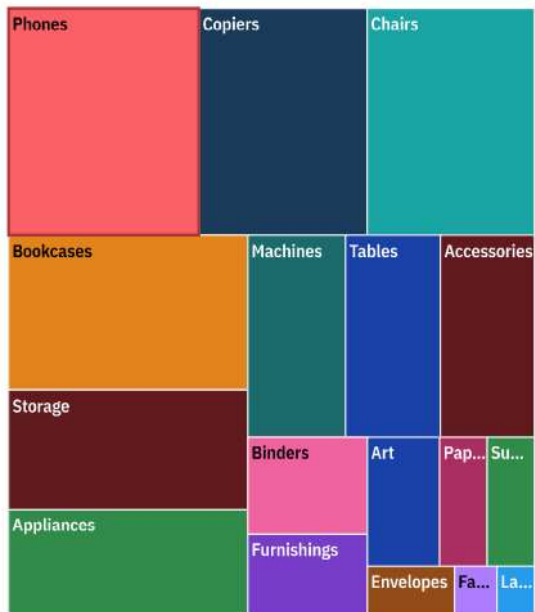
Regional Quantity And Sales Using Radar Chart

Segment
Consumer Corporate Home Office

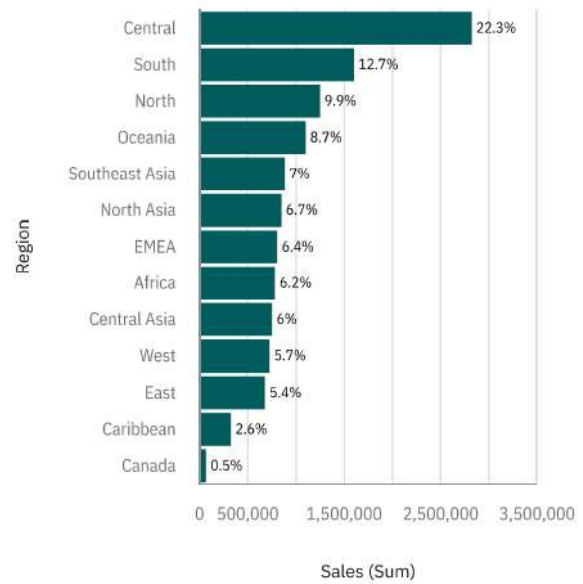


Sales for Sub-Category and Region

Sales for Sub-Category hierarchy

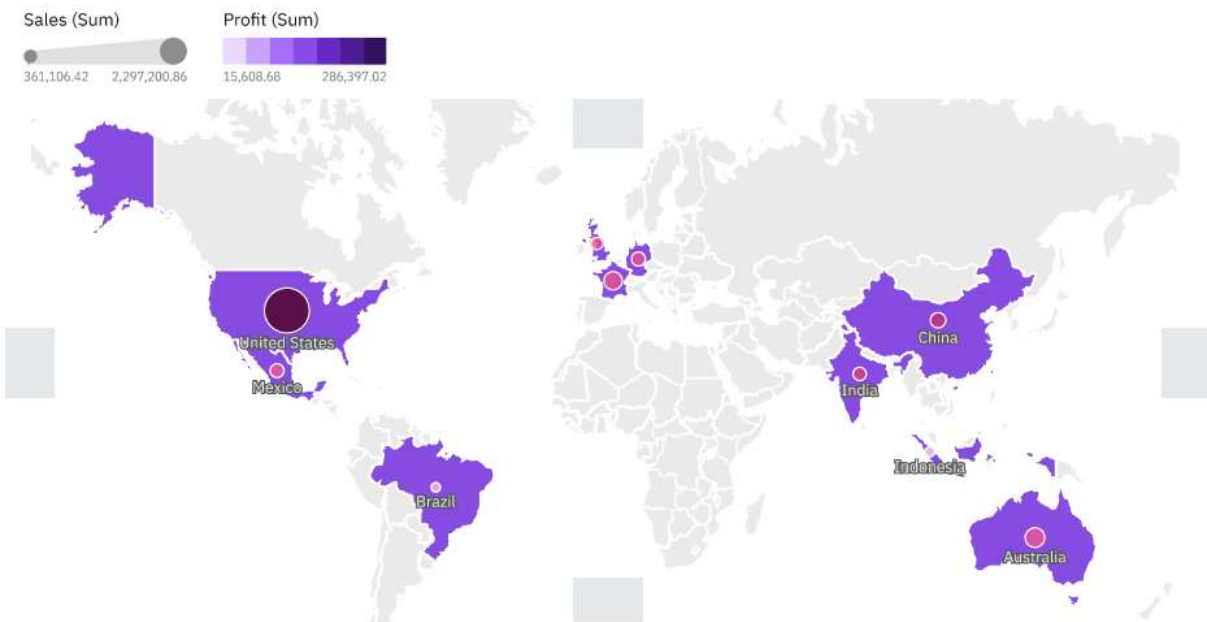


Sales by Region



Sales By Countries By Profit

Sales By Countries By Profit



Ord...ity

Search

☒ Critical

☒ High

☒ Low

☒ Medium

Apply

Sales Forecast By Order Priority

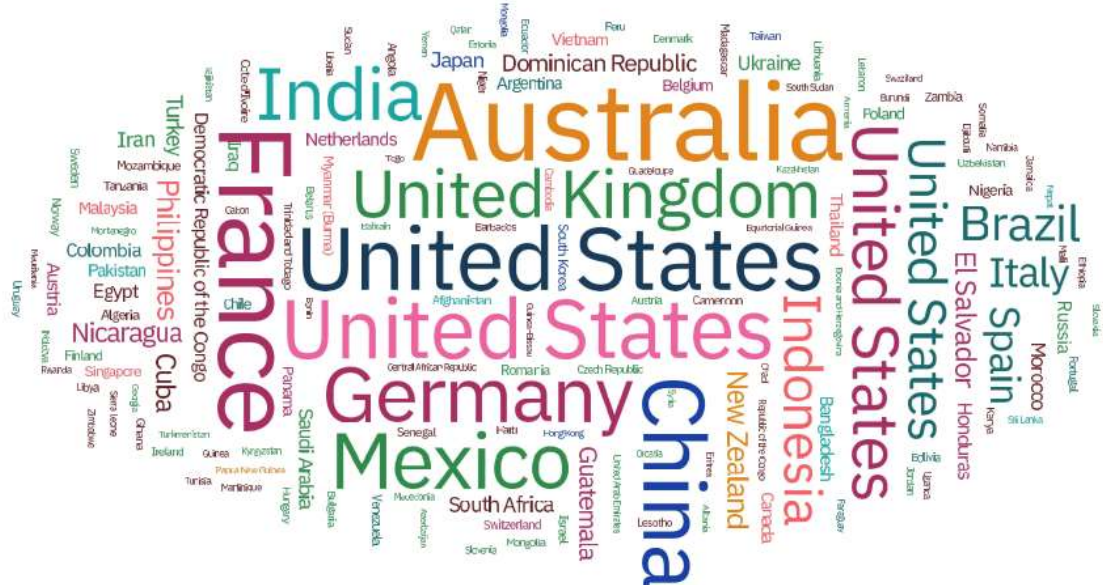
Forecast Measures

Sales Profit

The chart displays two data series: Sales (blue line) and Profit (purple line) over a 15-month period. The Y-axis represents values in thousands (K) or millions (M). Sales values range from 444K to 1.9M, while Profit values range from 70.9K to 219K. Both metrics show a general upward trend, with a notable dip in month 7.

Order_Month	Sales	Profit
1	675K	73.5K
2	544K	70.9K
3	771K	94.1K
4	699K	73.5K
5	904K	105K
6	1.27M	147K
7	749K	78.1K
8	1.29M	152K
9	1.44M	170K
10	1.17M	157K
11	1.55M	175K
12	1.58M	171K
13	1.47M	170K
14	1.72M	200K
15	1.9M	219K

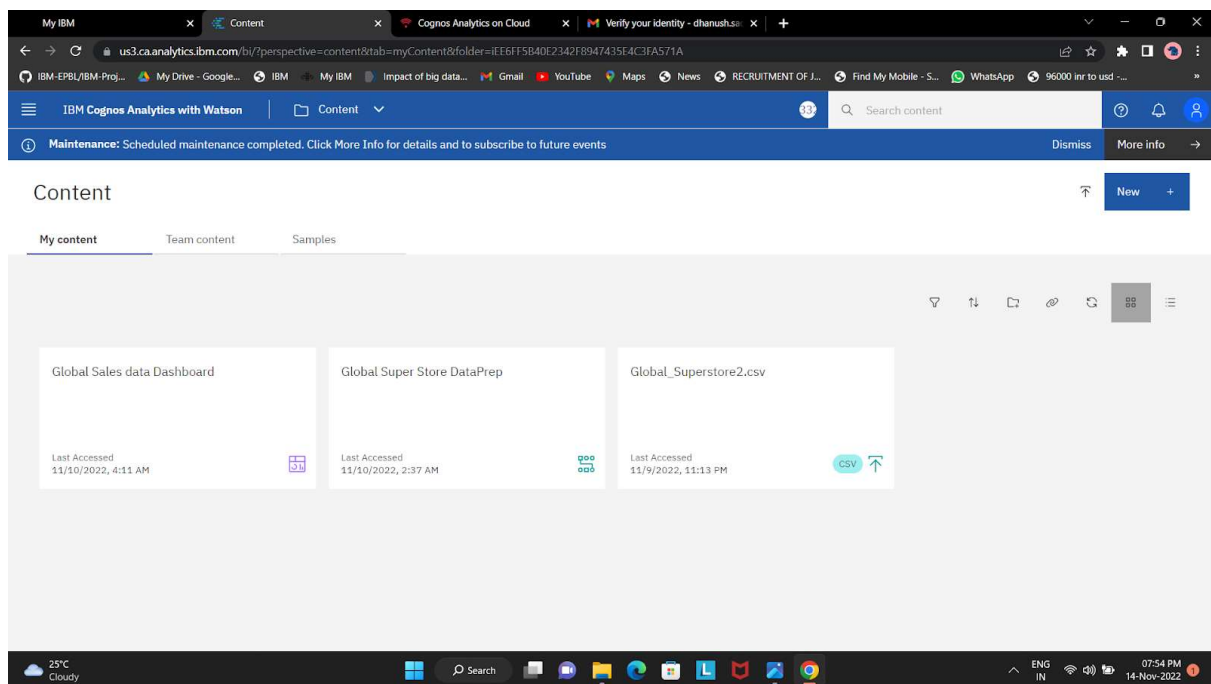
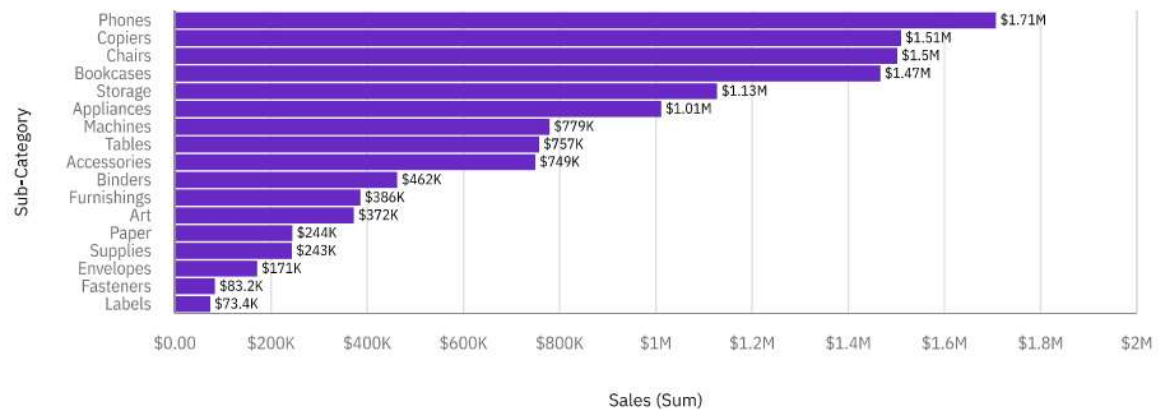
Country Wise Sales Vs Profit Using Word Cloud



Sales Dashboard Summary

Sales	Profit	Quantity	Discount
\$12.6M	\$1.47M	178K	14%
Sales	Profit	Quantity	Discount

Sales by Sub-Category



After completing Visualizing the Dashboard SAVED The visualized Dashboard AS **Global Sales data Dashboard**