Project Development Phase Delivery of Sprint-3

Date	11 November 2022
Team ID	PNT2022TMID54250
Project Name	Global Sales Data Analytics

Project Development Phase:

Sprint-1:

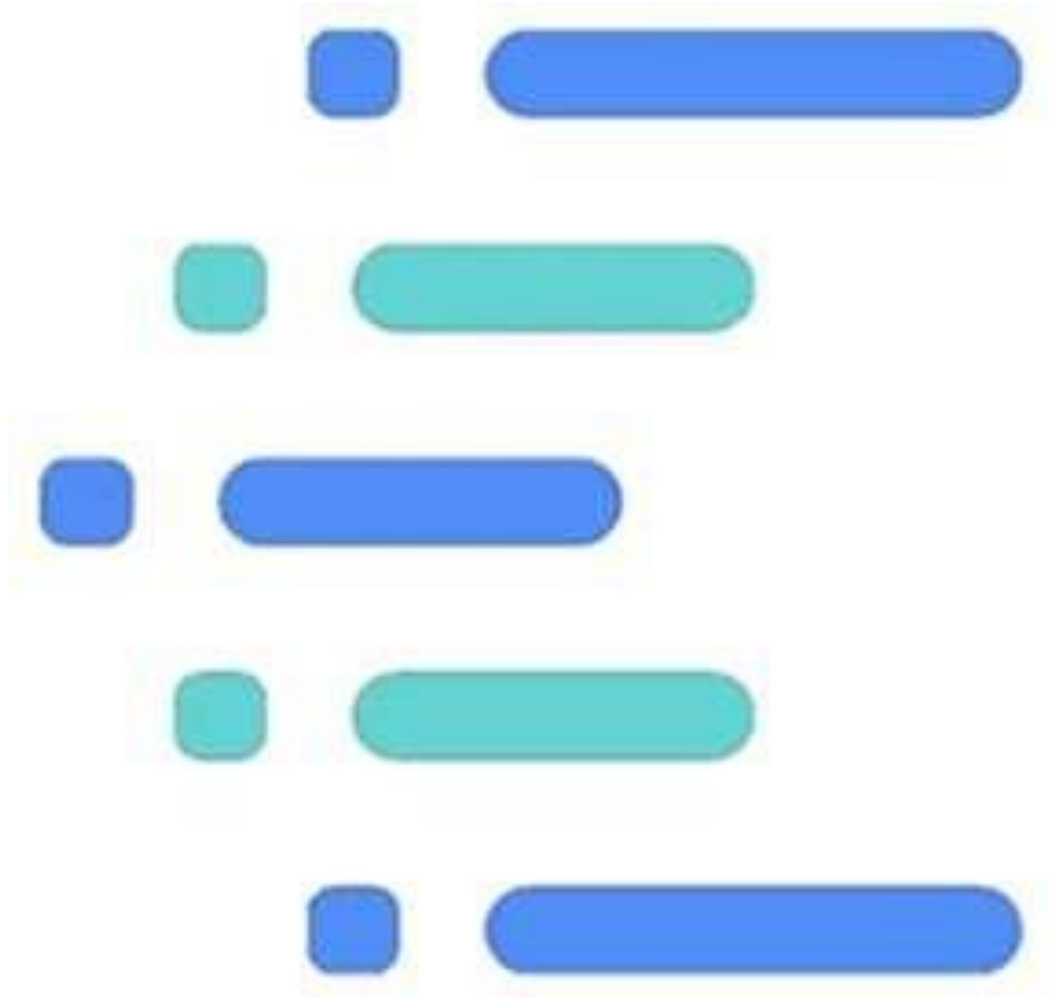Registration and Data upload

Sprint-2:

Data preprocessing

Sprint-3:

Dashboard Exploration and Creation

Sprint-4:

Report Story Creation

TOOL USED: COGNOS ANALYTICS
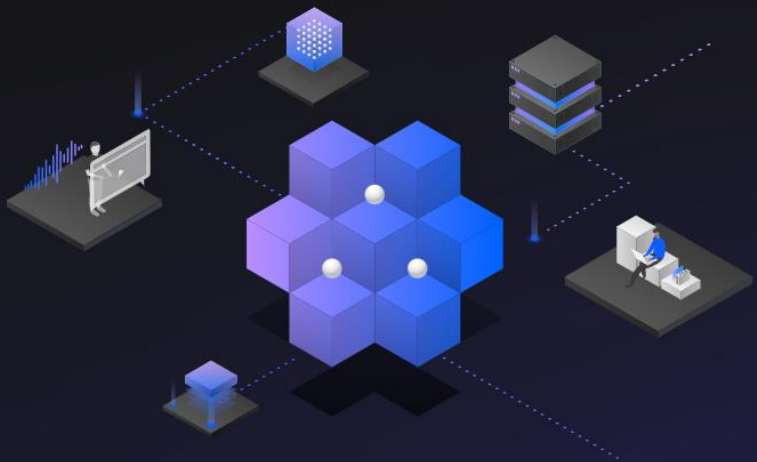
Hello. Welcome to Cognos Analytics with Watson.
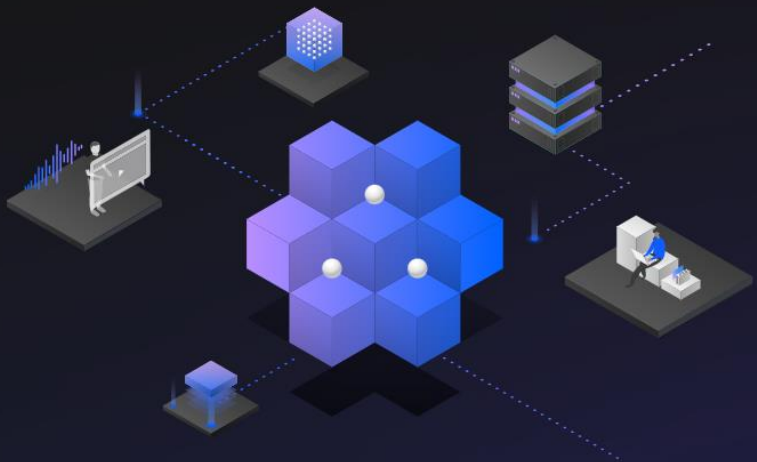
You can get started right away by taking a look at our introduction video, product tour and Getting Started tab.

| Watch video | Take a product tour |

⌃ Quick launch

⬆	🔧	◈	📊
Upload data	**Prepare data**	**Exploration**	**Present data**
Upload or drag and drop spreadsheets, csv files, and other data sources.	Use data modules to clean and connect data from multiple resources.	Quickly find unbiased answers by identifying trends in your data with data exploration.	Create sophisticated, multi-page, multi-query dashboards, reports, or stories.

Hello. Welcome to Cognos Analytics with Watson.

You can get started right away by t...
Started tab.

[Watch video]   [Ta...]

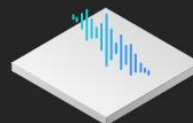## Present data

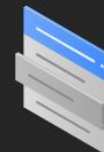Start by choosing what you want to create.

Dashboard

View automatically updated data with interactive charts, graphs and tables.

Report

Create and distribute customizable reports for personalized consumption.

Story

Build a visual narrative to communicate the meaningful context of your data journey.

∧ Quick launch

Upload data

Upload or drag and drop spreadsheets, csv files, and other data sources.
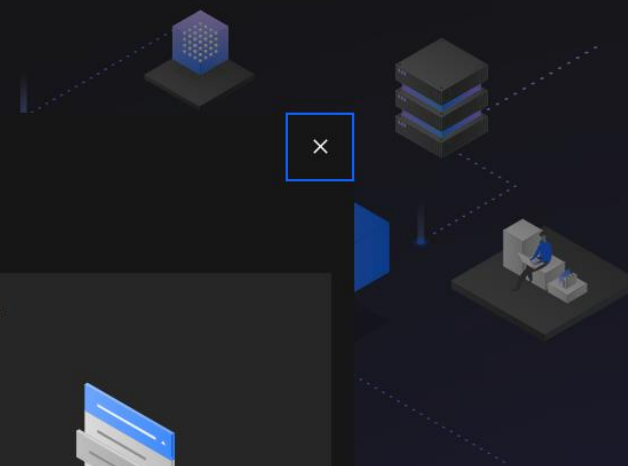
Prepare data

Use data modules to clean and connect data from multiple resources.

Exploration

Quickly find unbiased answers by identifying trends in your data with data exploration.

Present data

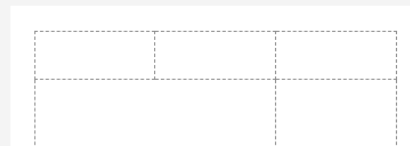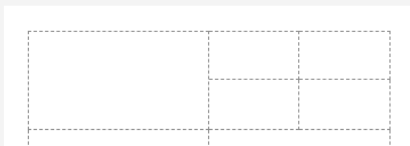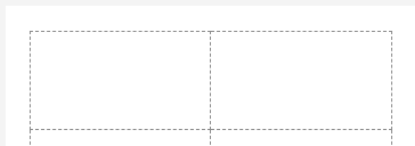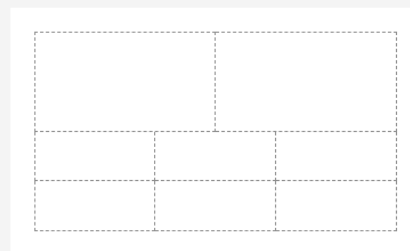Create sophisticated, multi-page, multi-query dashboards, reports, or stories.

Search content

Create a dashboard

Select a template for your dashboard

Tabbed   Infographic
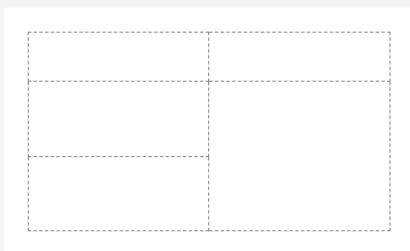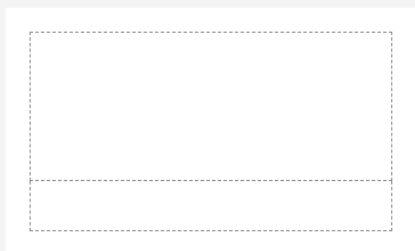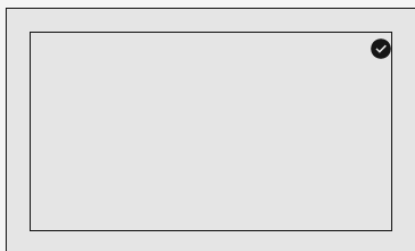
Cancel   Create

Edit

Filters   Fields   Properties

Data

data here to filter this tab.

Select a source ✕

| My content | Team content |

▽   ⇅   ⚙

Name	Type	Last Accessed
⬆ 50_Startups.csv `CSV`	Uploaded file	10/14/2022, 4:49 AM
⬆ Global_Superstore2.csv `CSV`	Uploaded file	11/11/2022, 2:22 PM
⬆ Global_Superstore2.xlsx `xlsx`	Uploaded file	11/11/2022, 2:21 PM
⬆ Pharma_Monthly_Sales.csv `CSV`	Uploaded file	11/11/2022, 1:23 PM

Select a source

Click select a source to add data to
a dashboard.

| Select a source   + |

| Cancel | Add |

Edit

Analytics   Filters   Fields   Properties

Selected sources /

Global_Superstore2.csv   +   ⋮

🔍 Search

📁 Navigation paths   +

▼ ⊞ Global_Superstore2.csv

▶ # Row ID

▶ abc Order ID

▶ 🕐 Order Date

▶ 🕐 Ship Date

▶ abc Ship Mode

▶ abc Customer ID

▶ abc Customer Name

▶ abc Segment

▶ ⊙ City

▶ ⊙ State

▶ ⊙ Country

▶ ⊙ Postal Code

▶ abc Market

▶ ⊙ Region

▽ All tabs   Drag and drop data here to filter all tabs.

▽ This tab   Drag and drop data here to filter this tab.

Tab 1   +

Sales, Profit and Quantity by Segment

Measures

⦿ Sales   ⦿ Profit   ⦿ Quantity
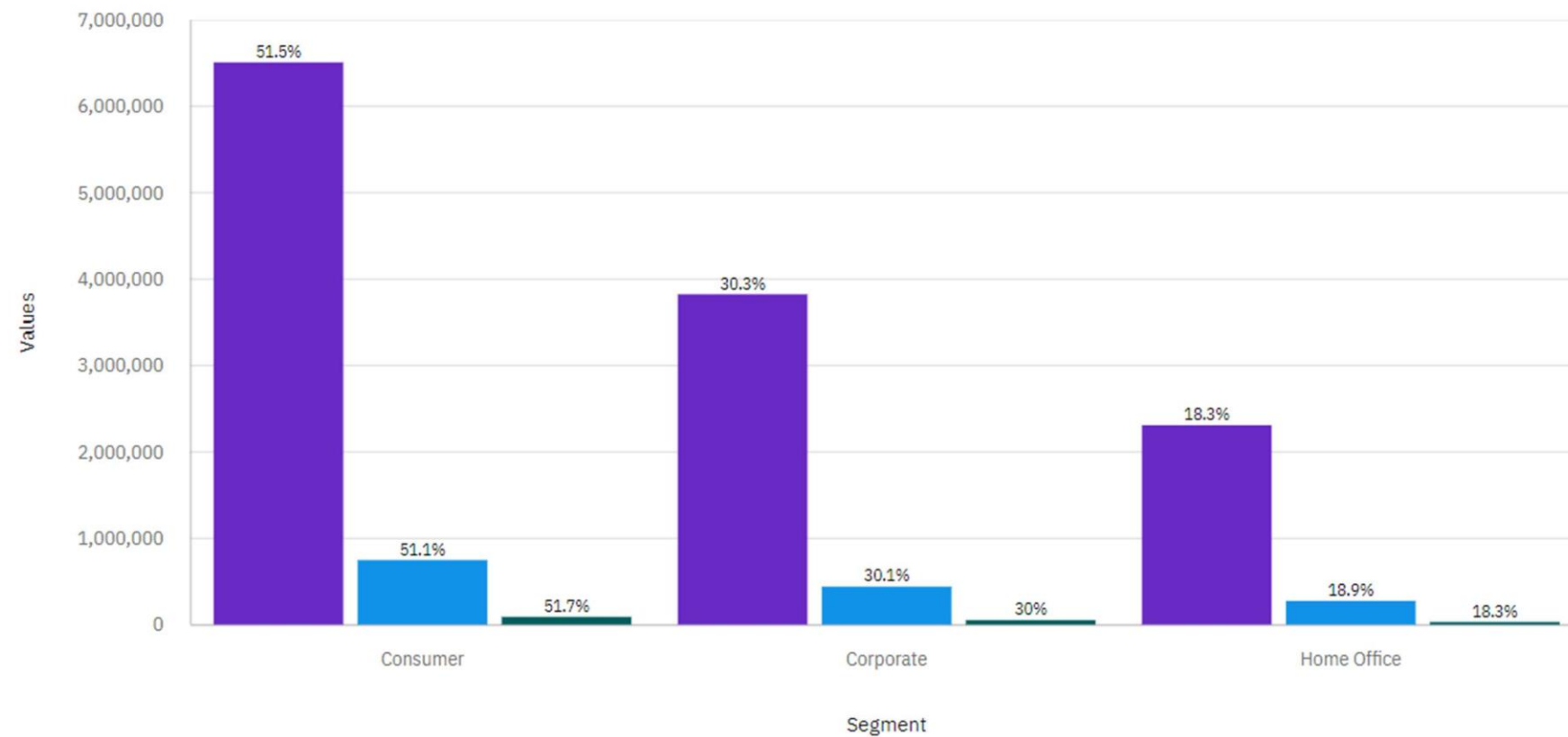
Sales by Market

Market

🔵 Canada　🔴 Africa　🟠 EMEA　🟢 LATAM　🔴 US　🟣 EU　🟣 APAC

28.4%

6.2%

6.4%

17.1%

18.2%

23.2%

12,642,501.91
Sales (Sum)
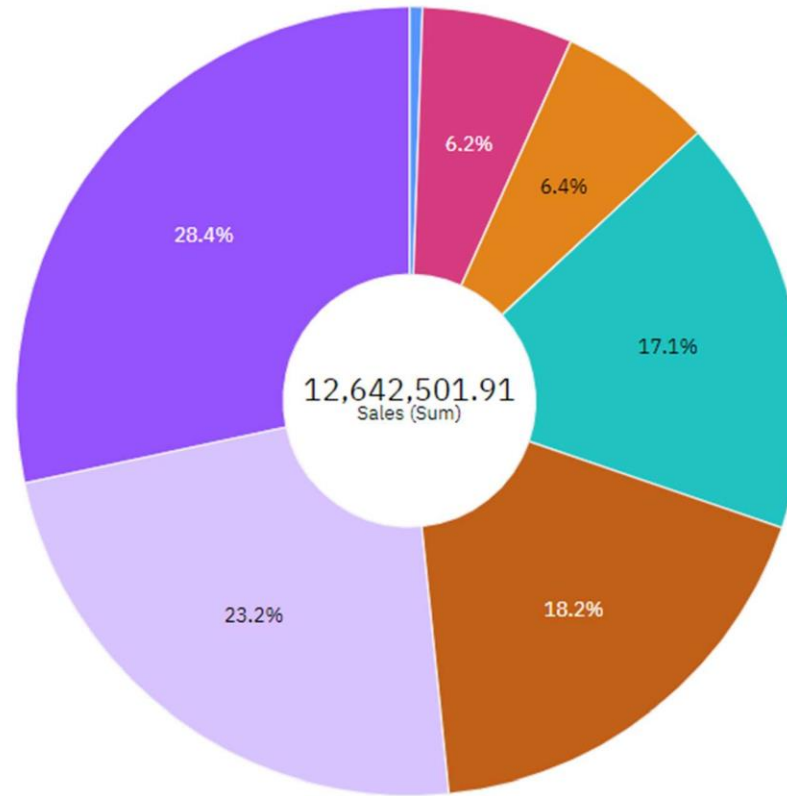
Sales for Sub-Category hierarchy

Sales (Sum)

73,404.03 — 1,706,824.14

Sub-Category

- ✦ Accessories
- ✦ Appliances
- ✦ Art
- ✦ Binders
- ✦ Bookcases
- ✦ Chairs
- ✦ Copiers
- ✦ Envelopes
- ✦ Fasteners
- ✦ Furnishings
- ✦ Labels
- ✦ Machines
- ✦ Paper
- ✦ Phones
- ✦ Storage
- ✦ Supplies
- ✦ Tables

Phones 1,706,824.14	Bookcases 1,466,572.24 · Storage 1,127,085.86 · Appliances 1,011,064.3
Copiers 1,509,436.27	Machines 779,060.07 · Binders 461,911.51 · Furnishings 385,578.26
Chairs 1,501,681.76	Tables 757,041.92 · Art 372,091.97 · Supp... 243,... · En... 17... · Accessories 749,237.02 · Paper 244,291.72 · Fast... 83,2... · Lab... 73,...

Sales by Region

Region vs Sales (Sum)

- Central
- South
- North
- Oceania
- Southeast Asia
- North Asia
- EMEA
- Africa
- Central Asia
- West
- East
- Caribbean
- Canada

Sales (Sum): 0 · 500,000 · 1,000,000 · 1,500,000 · 2,000,000 · 2,500,000 · 3,000,000

COUNTRY WISE SALES USING MAP POINTS

Sales (Sum)

40.23   925,235.85

Region

≡ Africa   ≡ South   ≡ Central   ≡ Southeast Asia   ≡ Caribbean   ≡ North   ≡ EMEA   ≡ North Asia

≡ East   ≡ Oceania   ≡ Central Asia   ≡ West   ≡ Canada
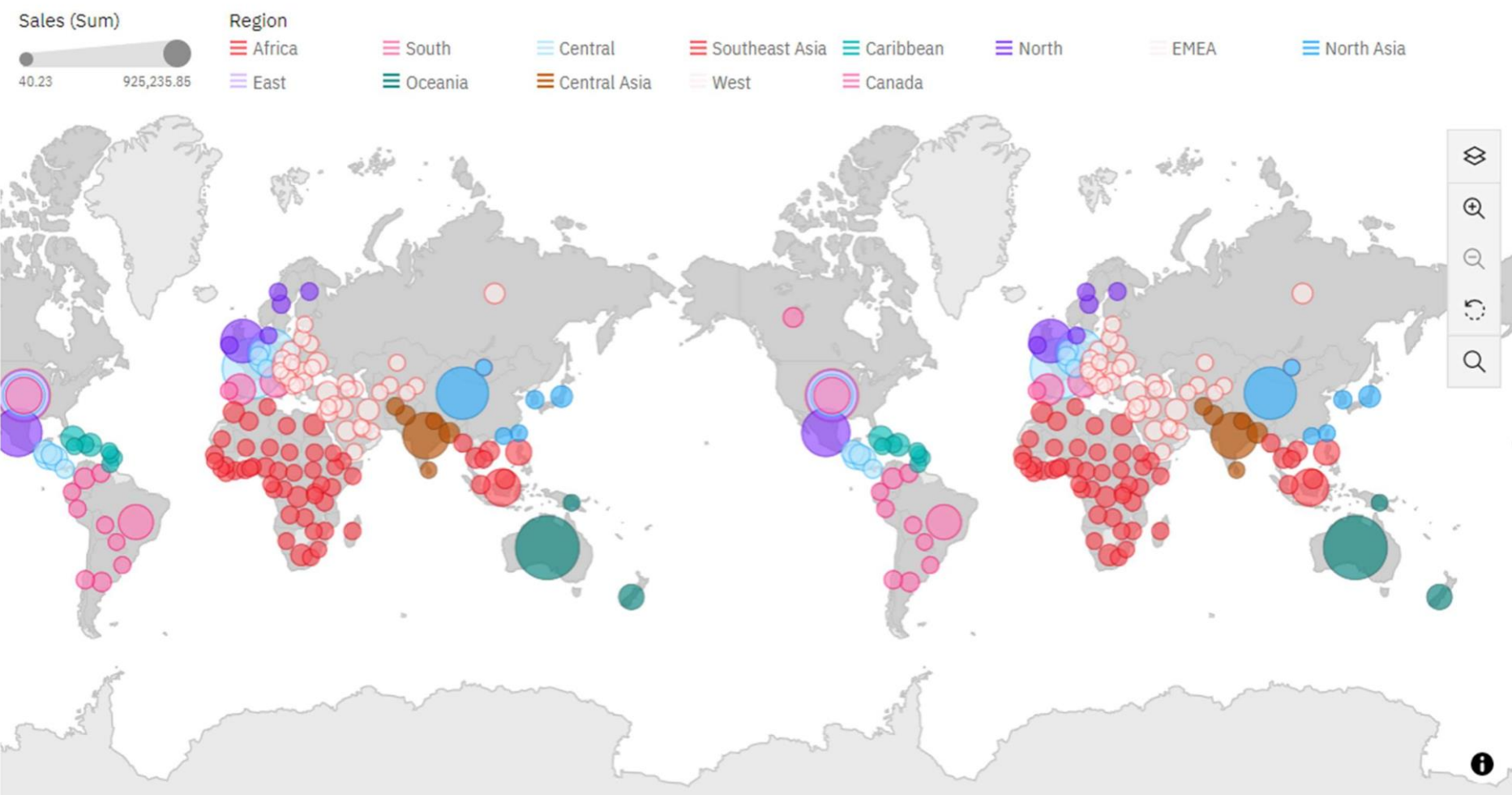
Profit and Sales by Sub-Category

Column
Sales (Sum)

Line
Profit (Sum)

Sales Vs Profit Scatter Plot With Sub Categories And Regions
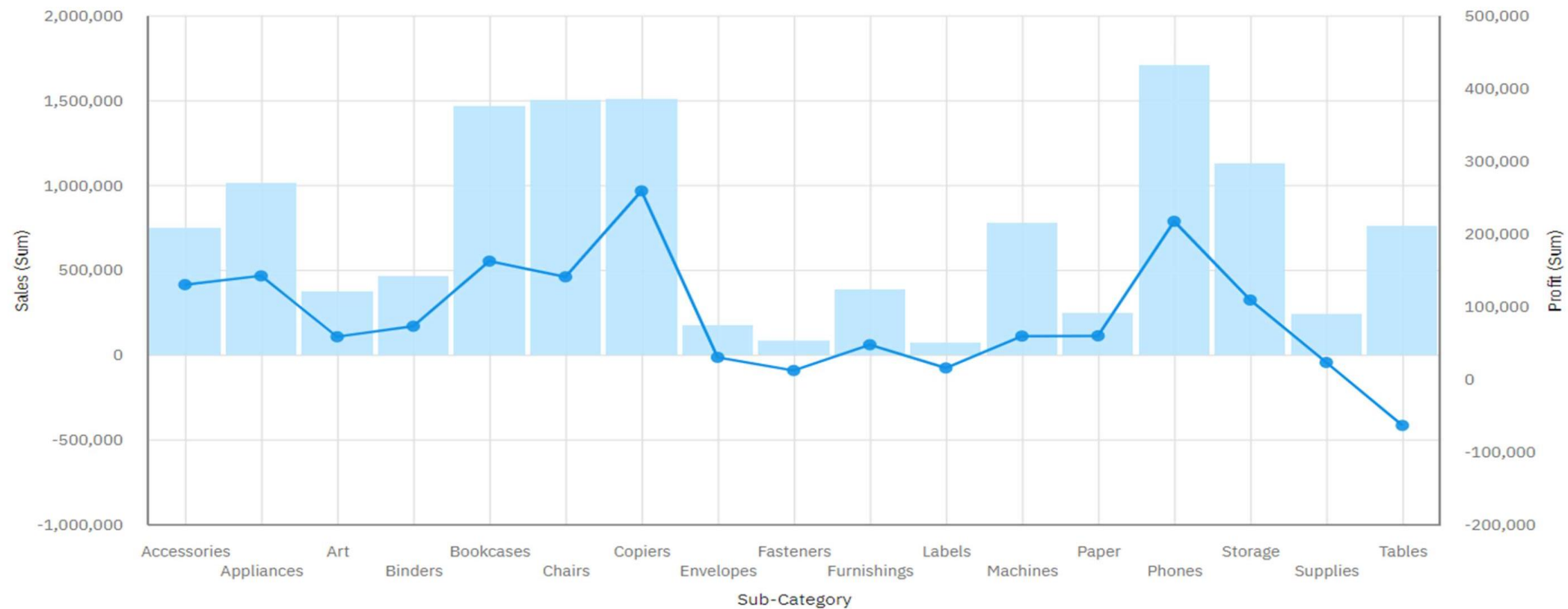
Region

- Africa
- Canada
- Caribbean
- Central
- Central Asia
- EMEA
- East
- North
- North Asia
- Oceania
- South
- Southeast Asia
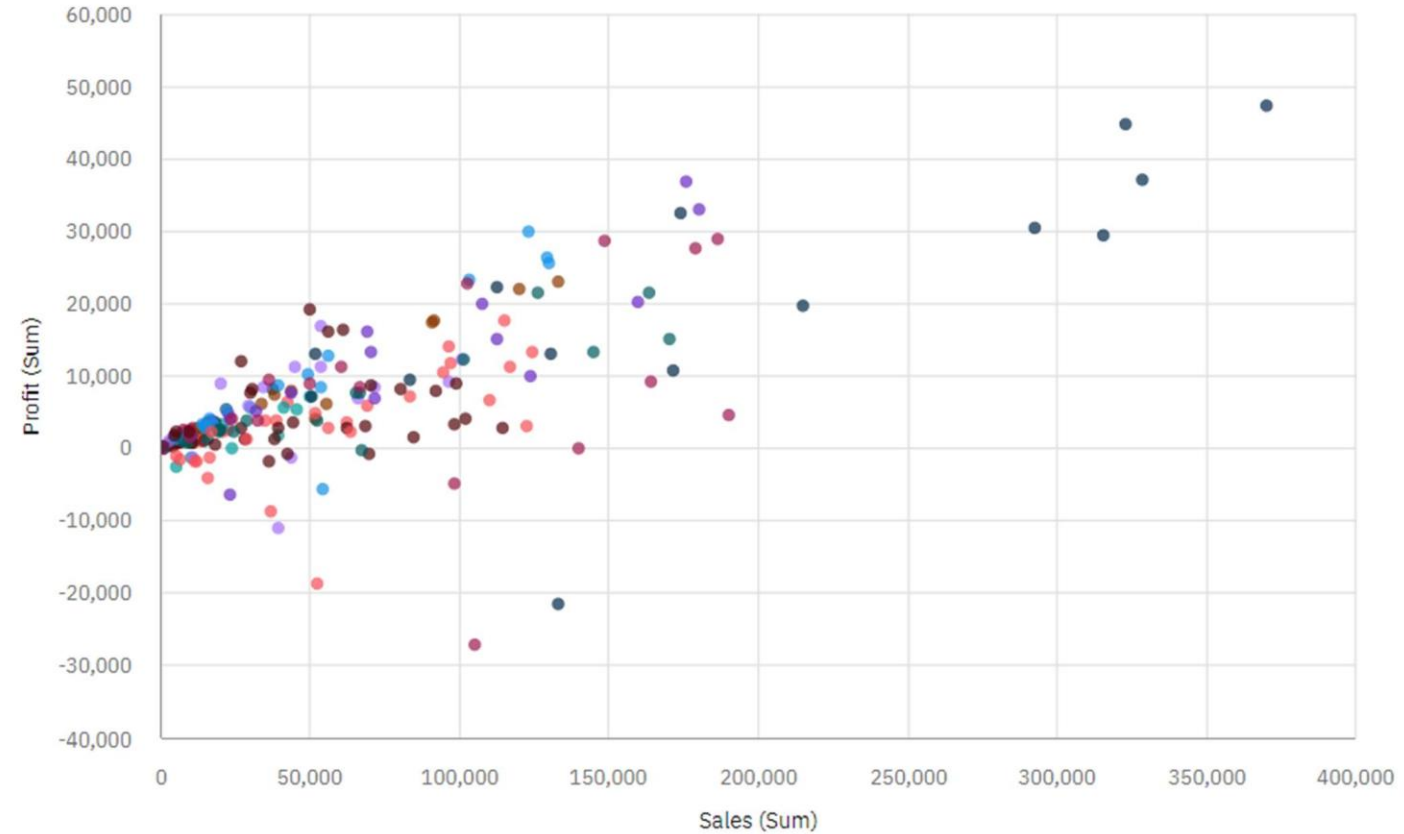- West

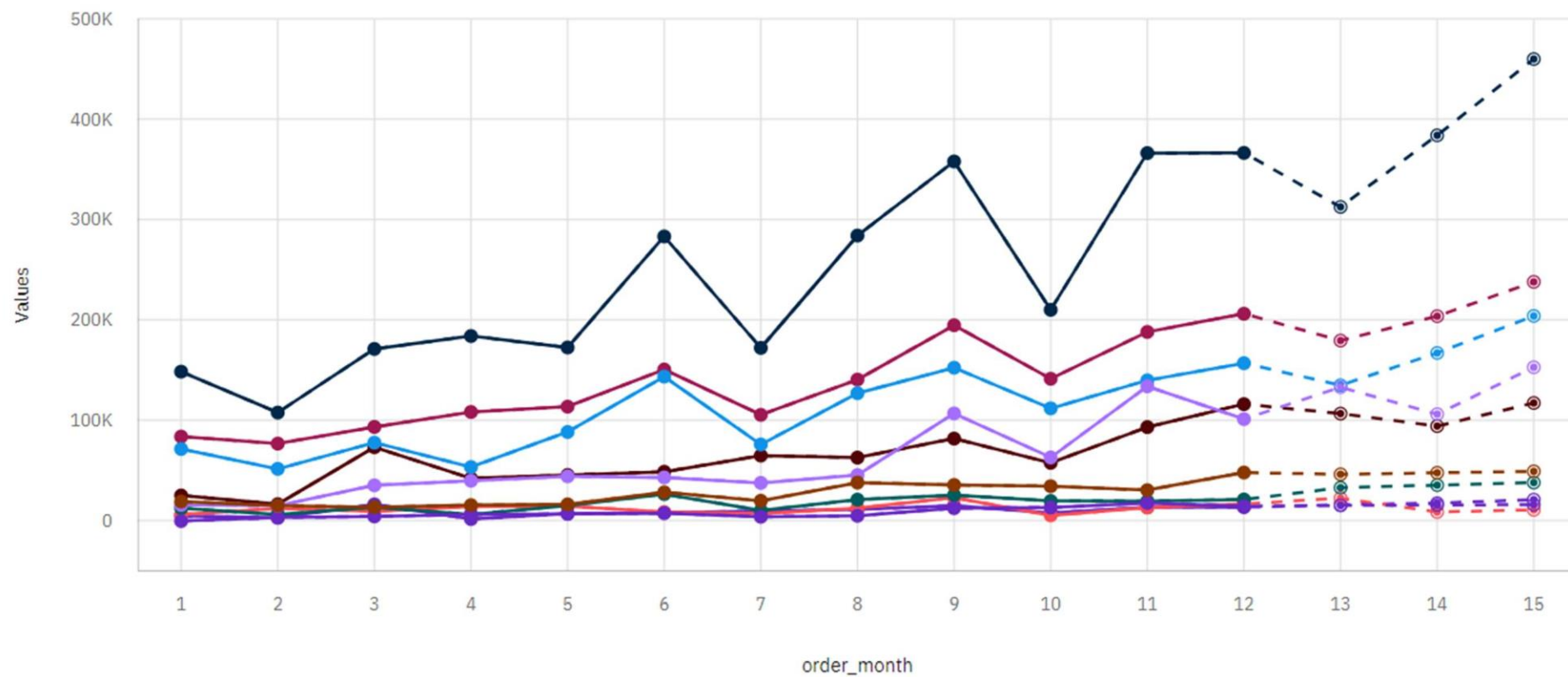# Sales and Profit by order_month colored by Region

···· Forecast

Region - Measures
- Central | Sales
- Central | Profit
- East | Sales
- East | Profit
- North | Sales
- North | Profit
- South | Sales
- South | Profit
- West | Sales
- West | Profit

Order Priority

🔍 ⋯

🔍 Search
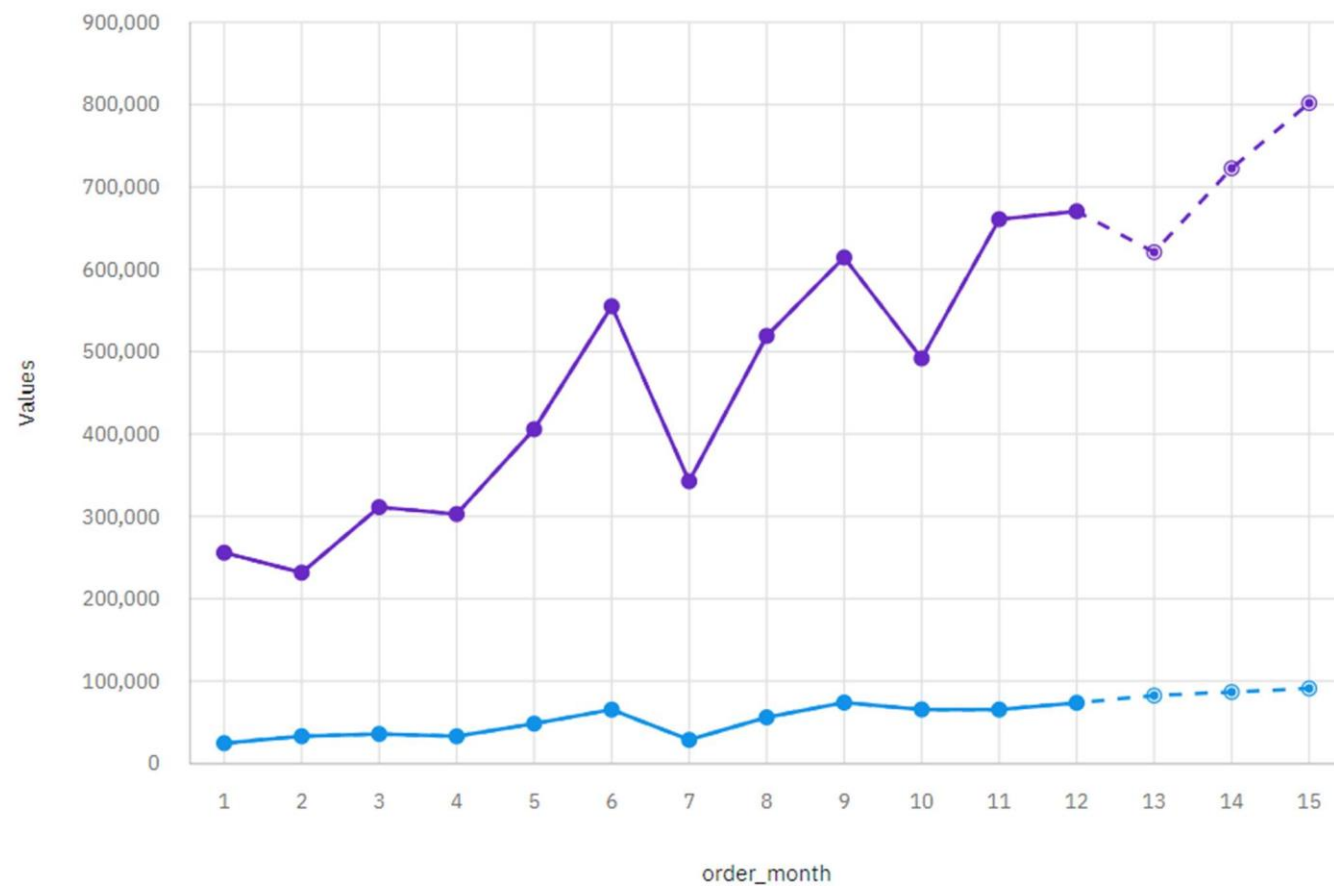
- ☑ Critical
- ☑ High
- ☑ Low
- ☐ Medium

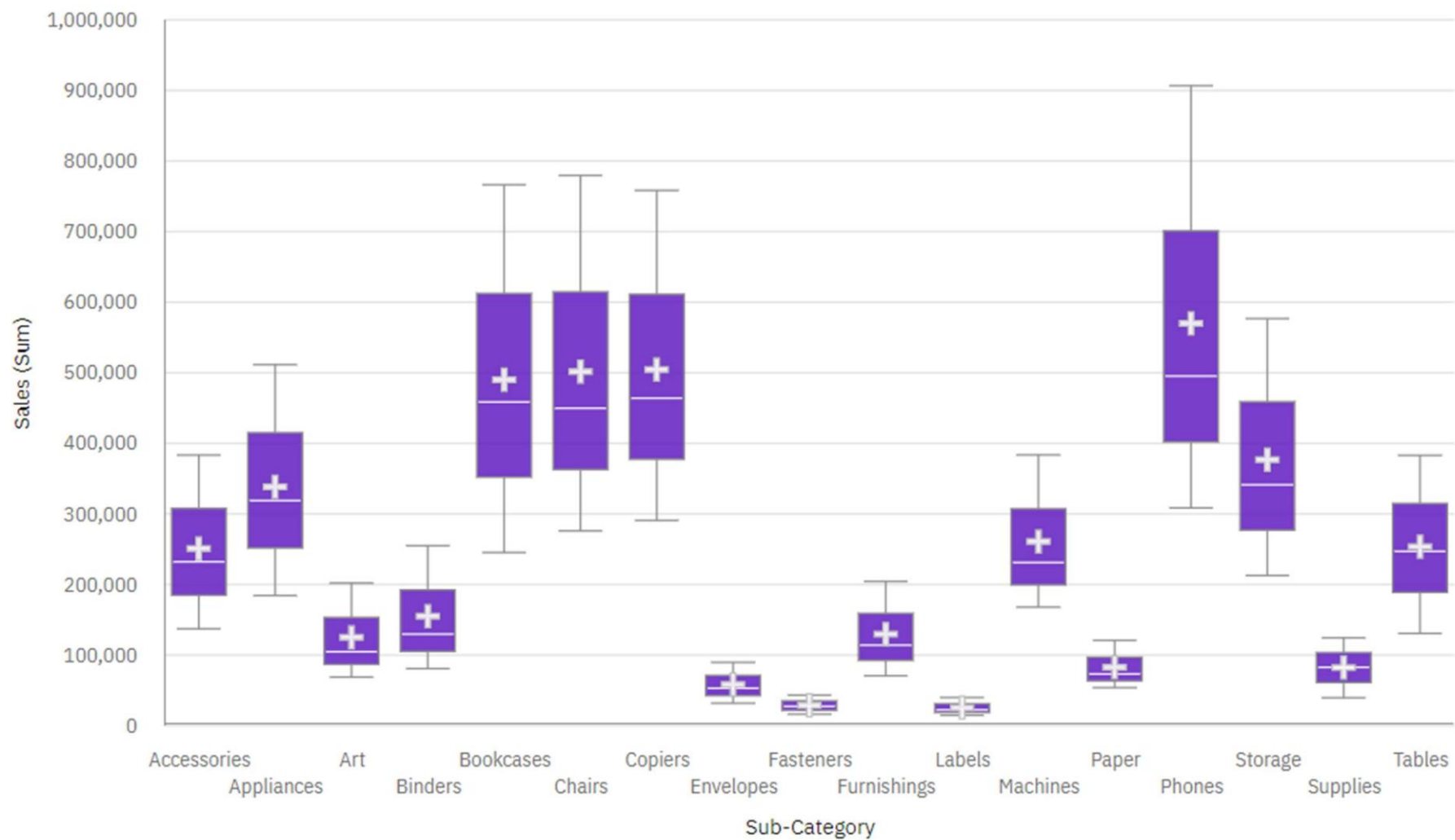Apply

Sales Forecast By Order Priority

⚊⚊ Forecast

Measures
🟣 Sales 🔵 Profit

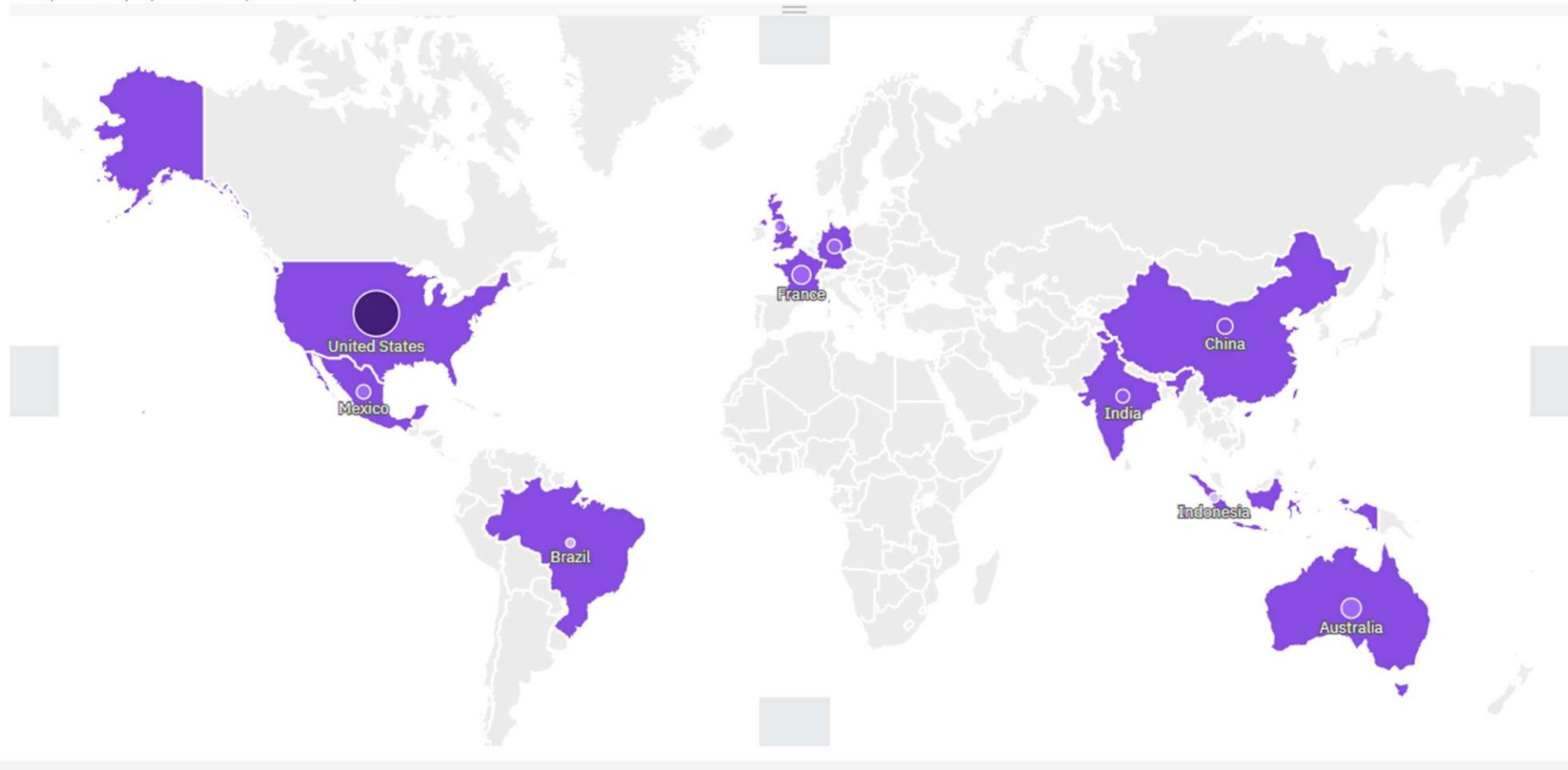Sales By SubCategory,BoxPlot with Segment Key

Sales vs Profit Country Wise
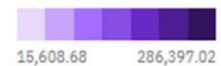
Sales by Region colored by Segment
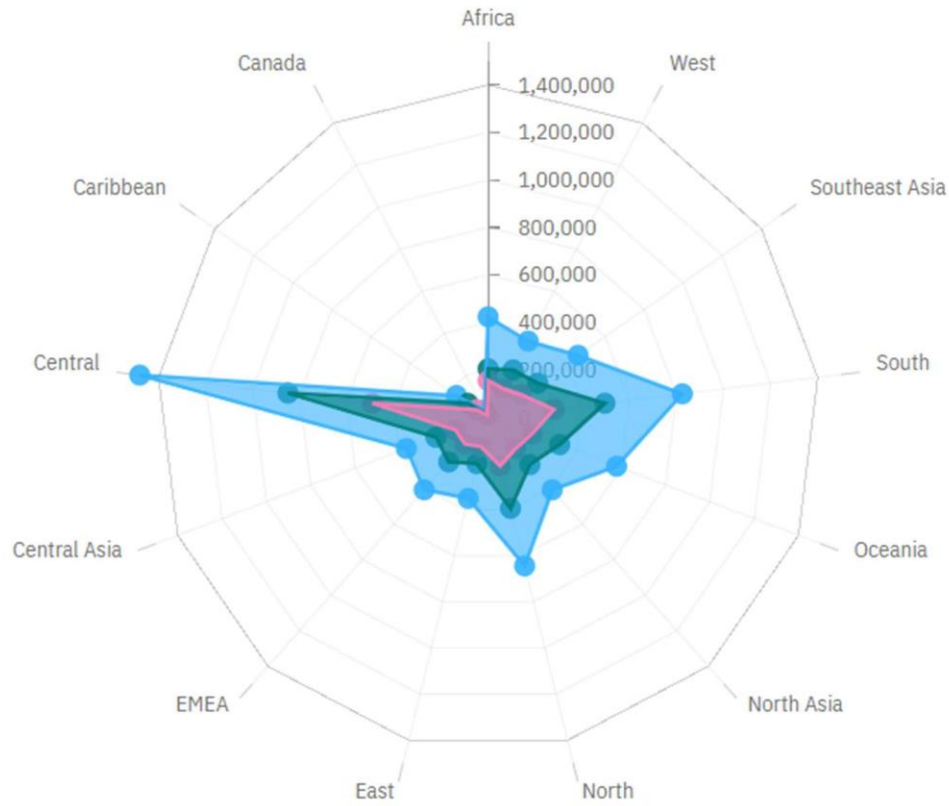
Country Wise Sales Vs Profit Using Word Cloud

Sales	Profit	Quantity	Discount
12.6M	**1.47M**	**178K**	**14%**
Sales	Profit	Quantity	Discount

Sales by Sub-Category

Sub-Category	Sales (Count)
Tables	$861.00
Machines	$1.49K
Appliances	$1.76K
Copiers	$2.22K
Bookcases	$2.41K
Fasteners	$2.42K
Supplies	$2.43K
Envelopes	$2.44K
Labels	$2.61K
Accessories	$3.08K
Furnishings	$3.17K
Phones	$3.36K
Chairs	$3.43K
Paper	$3.54K
Art	$4.88K
Storage	$5.06K
Binders	$6.15K
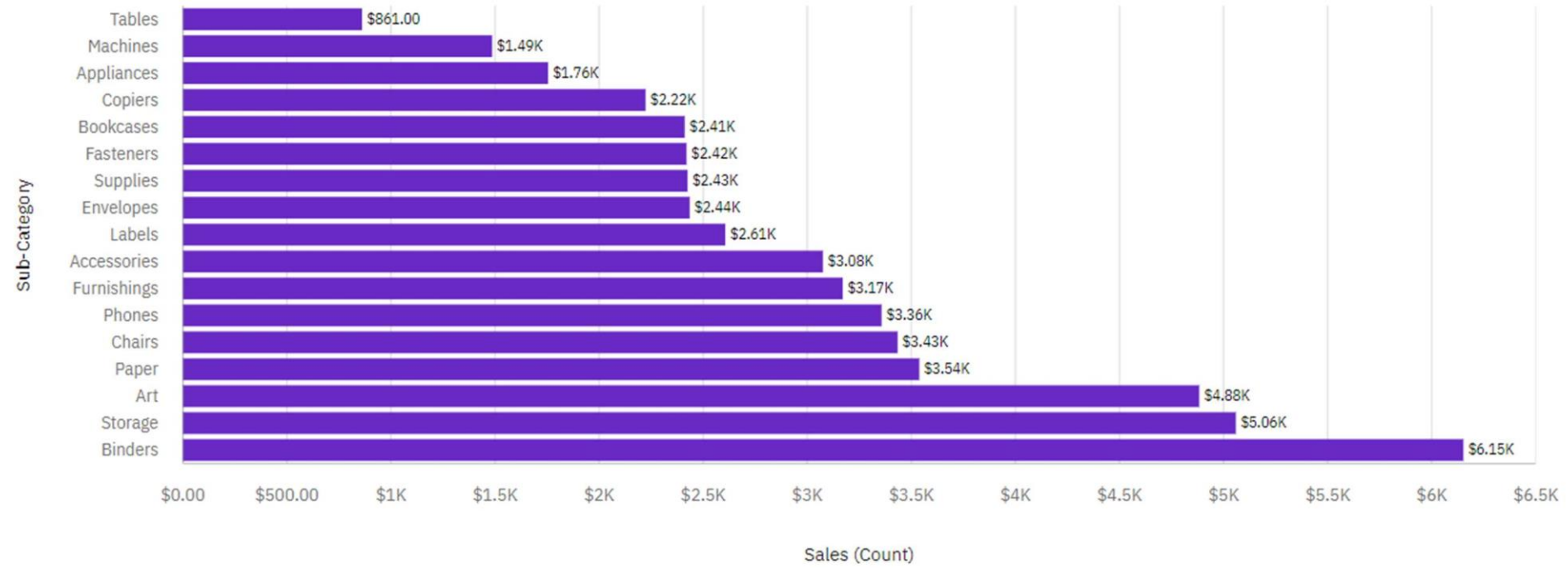
DASH BOARD VISUALIZATIONS

https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2FNew%2Bdashboard&action=view&mode=dashboard&subView=model000001846c2afeb7_00000002