# PROJECT DEVELOPMENT PHASE

# SPRINT-4

| | |
|---|---|
| **Data** | **27 October 2022** |
| **Team ID** | **PNT2022TMID20211** |
| **Project Name** | **PROJECT-GLOBAL SALES DATA ANALYTICS** |


**TEAM MEMBERS:**

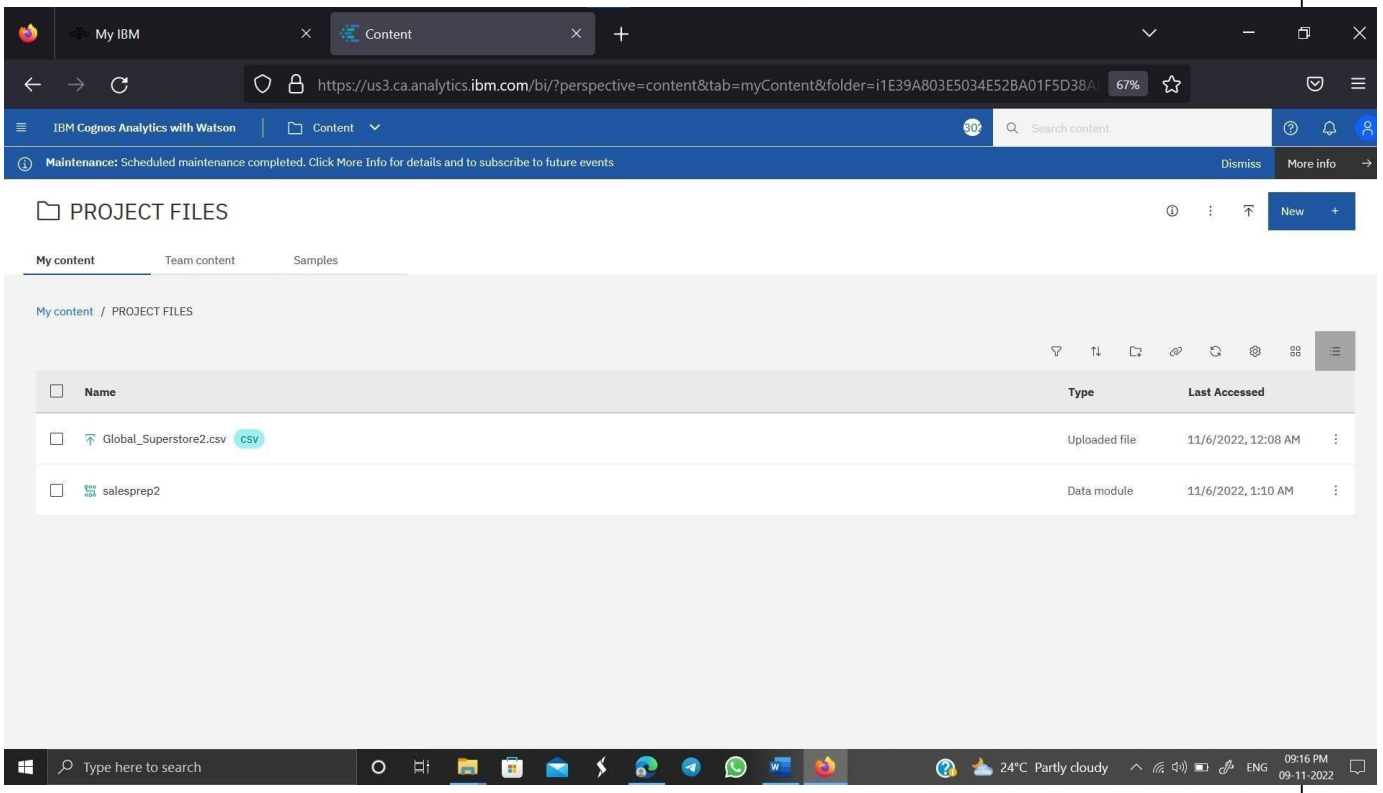
SAMUEL AARON K

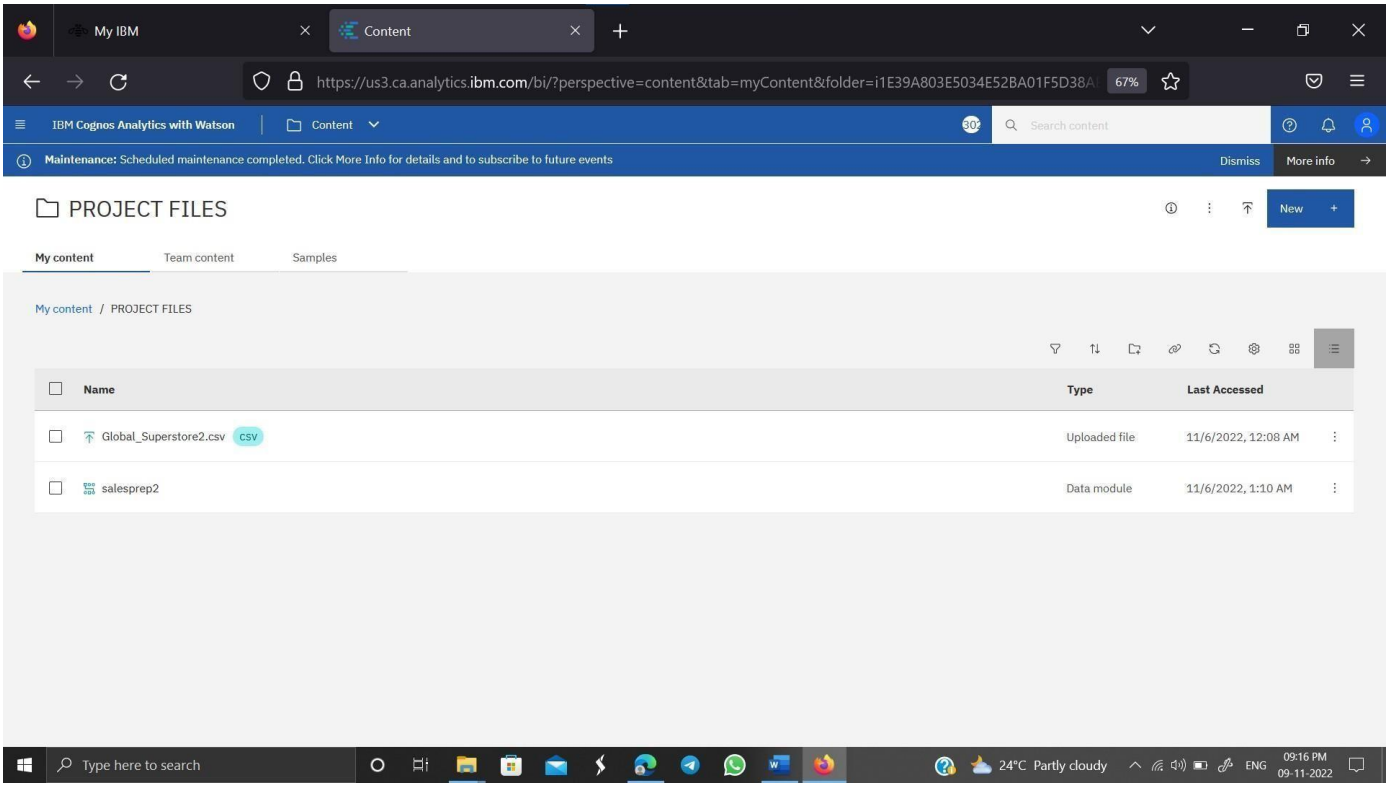
SRUTHI SRI S C

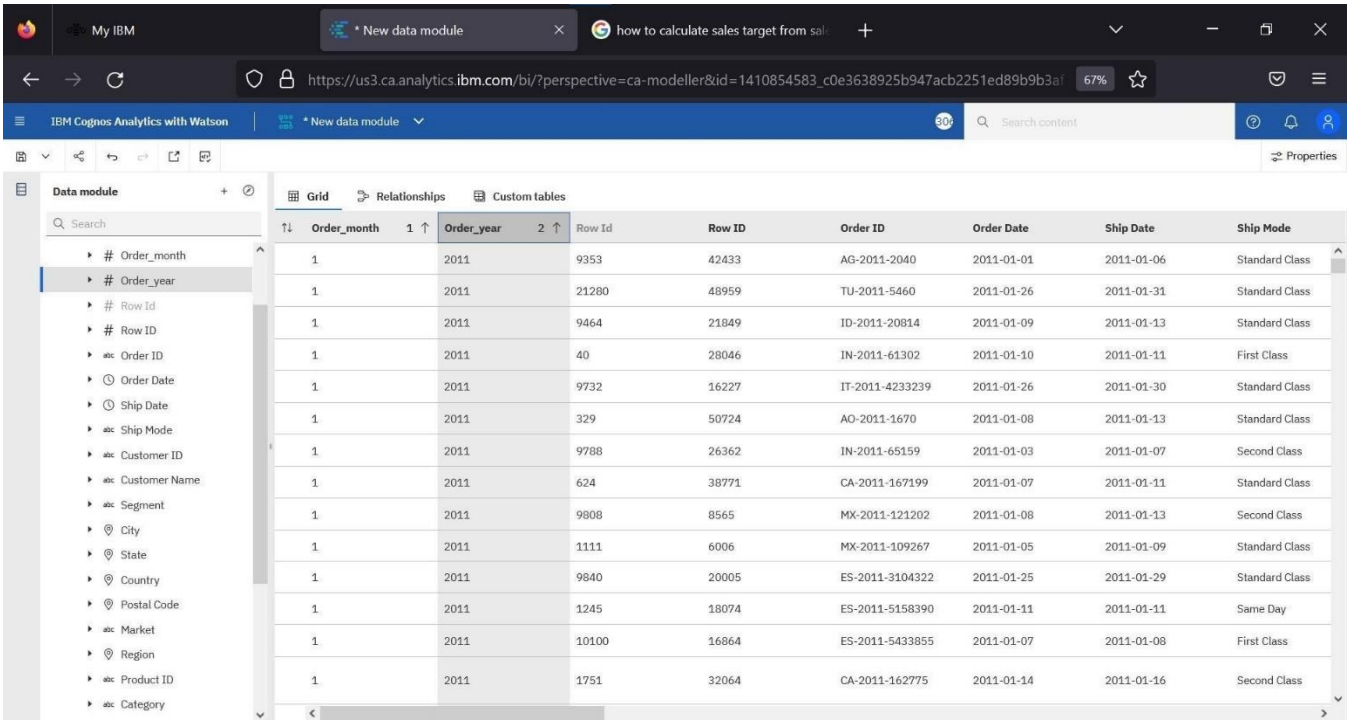
SUSHMITHAA S

TILAK

## ➢ Uploading the dataset

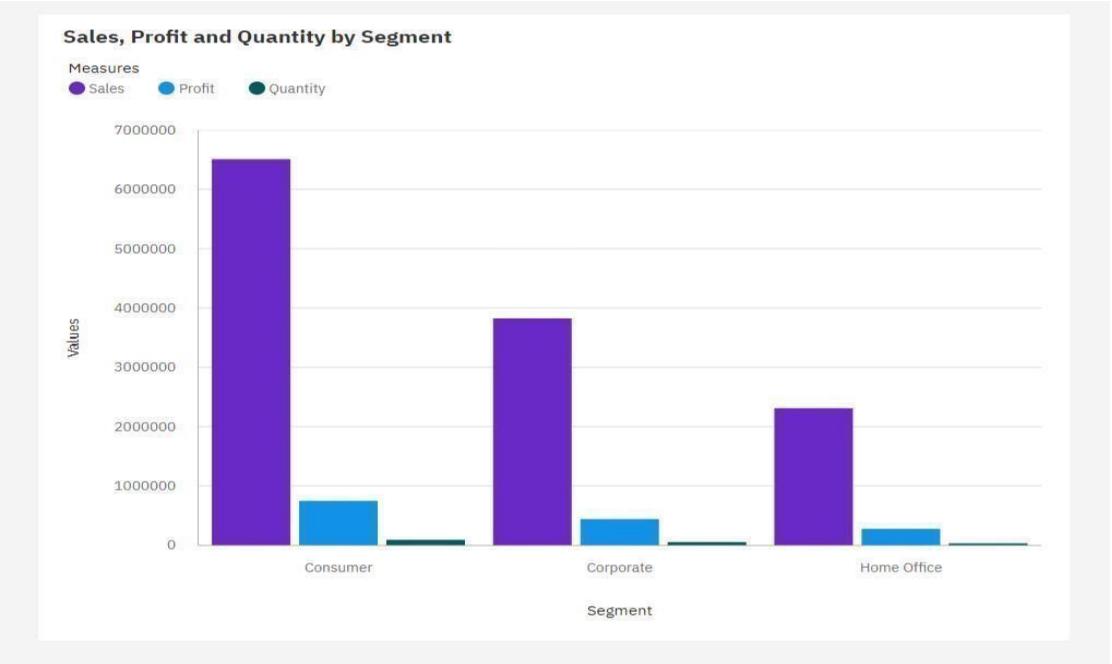





| Order_month | Order_year | Row Id | Row ID | Order ID | Order Date | Ship Date | Ship Mode |
|---|---|---|---|---|---|---|---|
| 1 | 2011 | 9353 | 42433 | AG-2011-2040 | 2011-01-01 | 2011-01-06 | Standard Class |
| 1 | 2011 | 21280 | 48959 | TU-2011-5460 | 2011-01-26 | 2011-01-31 | Standard Class |
| 1 | 2011 | 9464 | 21849 | ID-2011-20814 | 2011-01-09 | 2011-01-13 | Standard Class |
| 1 | 2011 | 40 | 28046 | IN-2011-61302 | 2011-01-10 | 2011-01-11 | First Class |
| 1 | 2011 | 9732 | 16227 | IT-2011-4233239 | 2011-01-26 | 2011-01-30 | Standard Class |
| 1 | 2011 | 329 | 50724 | AO-2011-1670 | 2011-01-08 | 2011-01-13 | Standard Class |
| 1 | 2011 | 9788 | 26362 | IN-2011-65159 | 2011-01-03 | 2011-01-07 | Second Class |
| 1 | 2011 | 624 | 38771 | CA-2011-167199 | 2011-01-07 | 2011-01-11 | Standard Class |
| 1 | 2011 | 9808 | 8565 | MX-2011-121202 | 2011-01-08 | 2011-01-13 | Second Class |
| 1 | 2011 | 1111 | 6006 | MX-2011-109267 | 2011-01-05 | 2011-01-09 | Standard Class |
| 1 | 2011 | 9840 | 20005 | ES-2011-3104322 | 2011-01-25 | 2011-01-29 | Standard Class |
| 1 | 2011 | 1245 | 18074 | ES-2011-5158390 | 2011-01-11 | 2011-01-11 | Same Day |
| 1 | 2011 | 10100 | 16864 | ES-2011-5433855 | 2011-01-07 | 2011-01-08 | First Class |
| 1 | 2011 | 1751 | 32064 | CA-2011-162775 | 2011-01-14 | 2011-01-16 | Second Class |

## ➢ DATA VISUALIZATION CHARTS



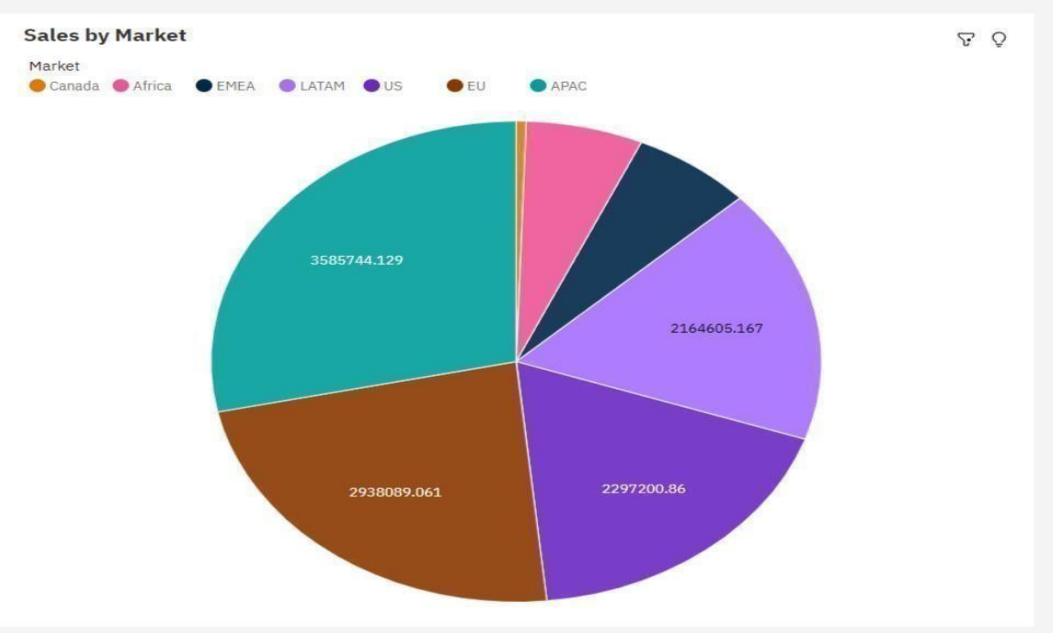



**Chart A**

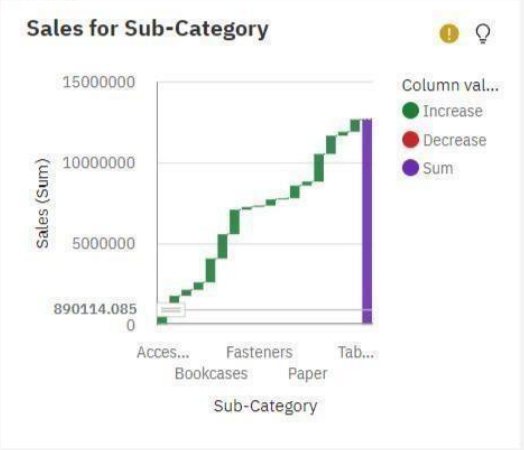
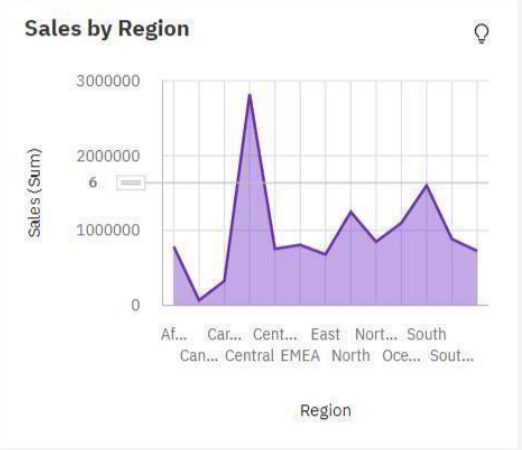
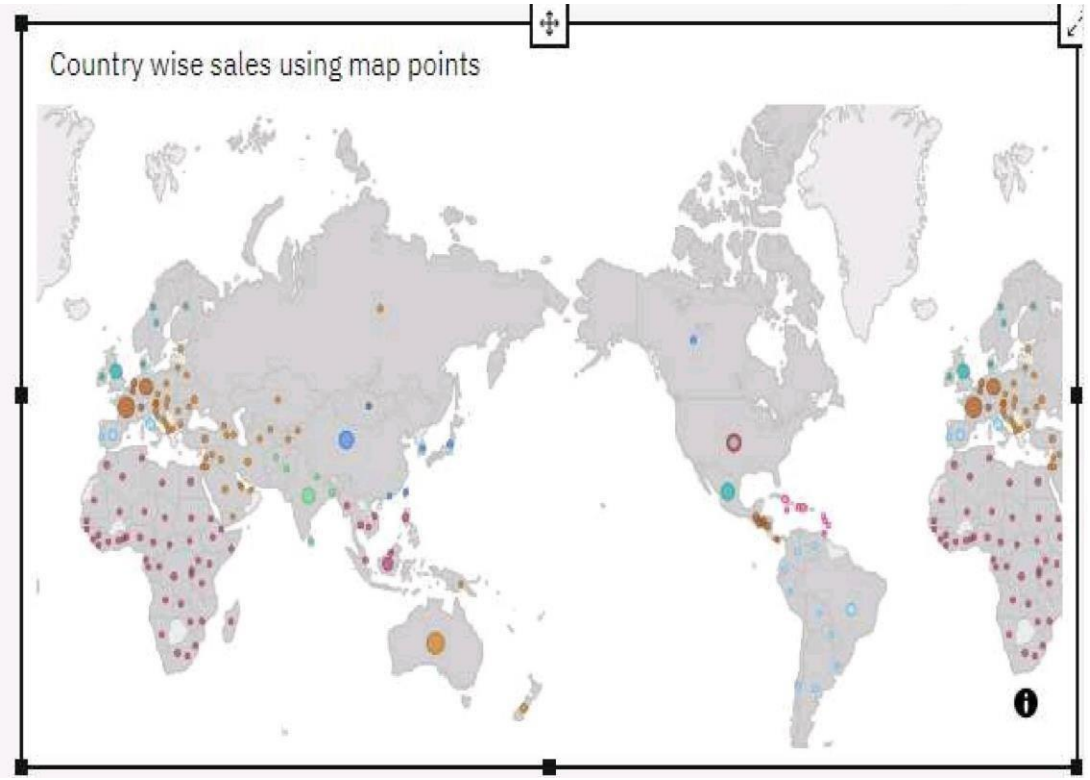
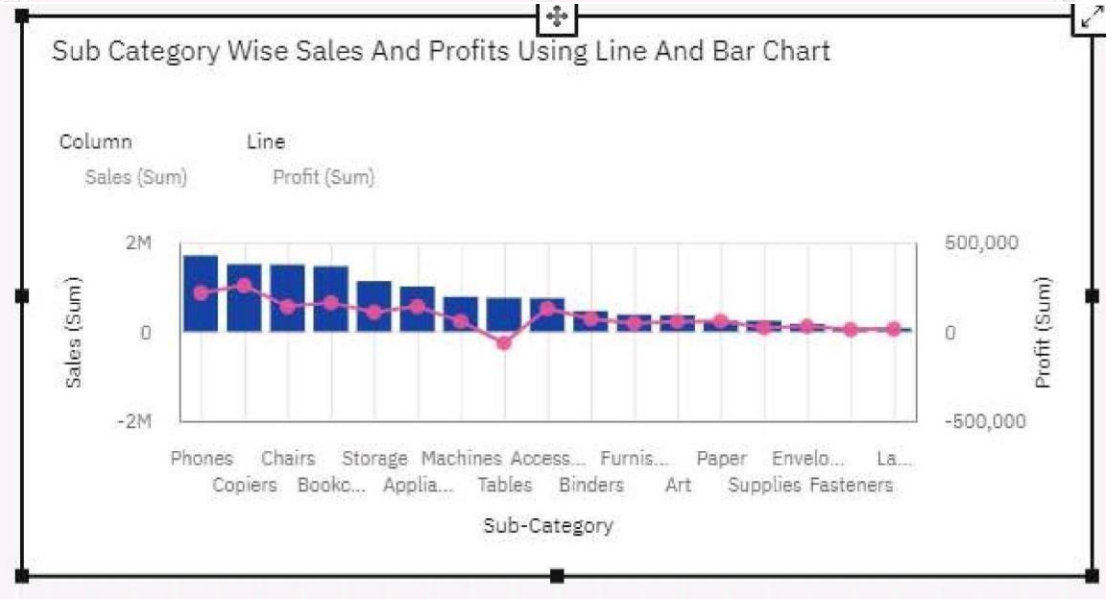


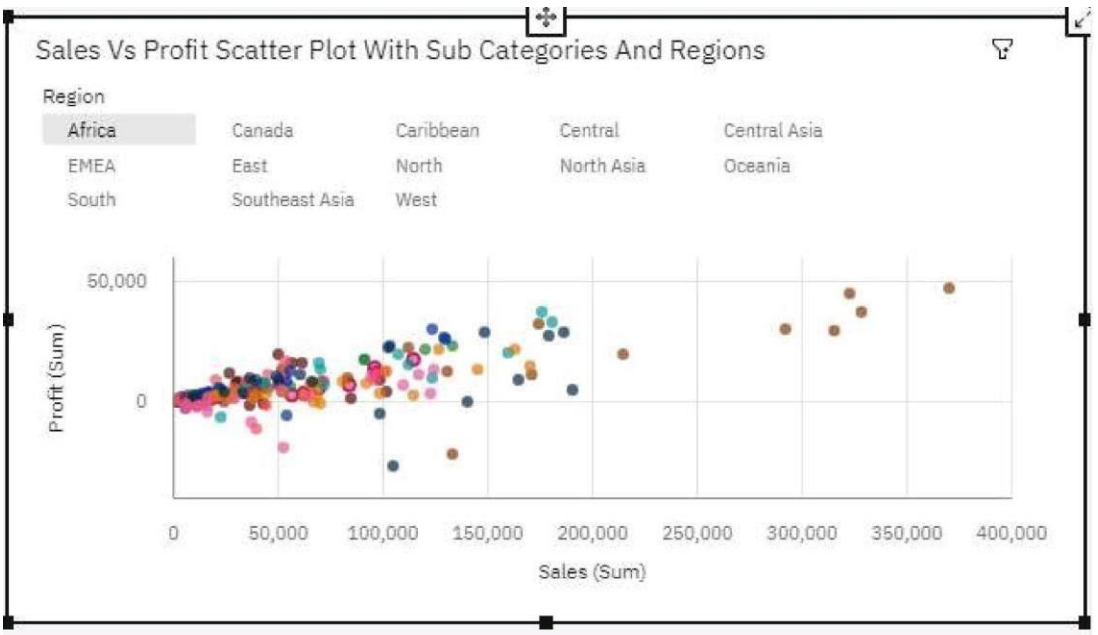

**Chart B**

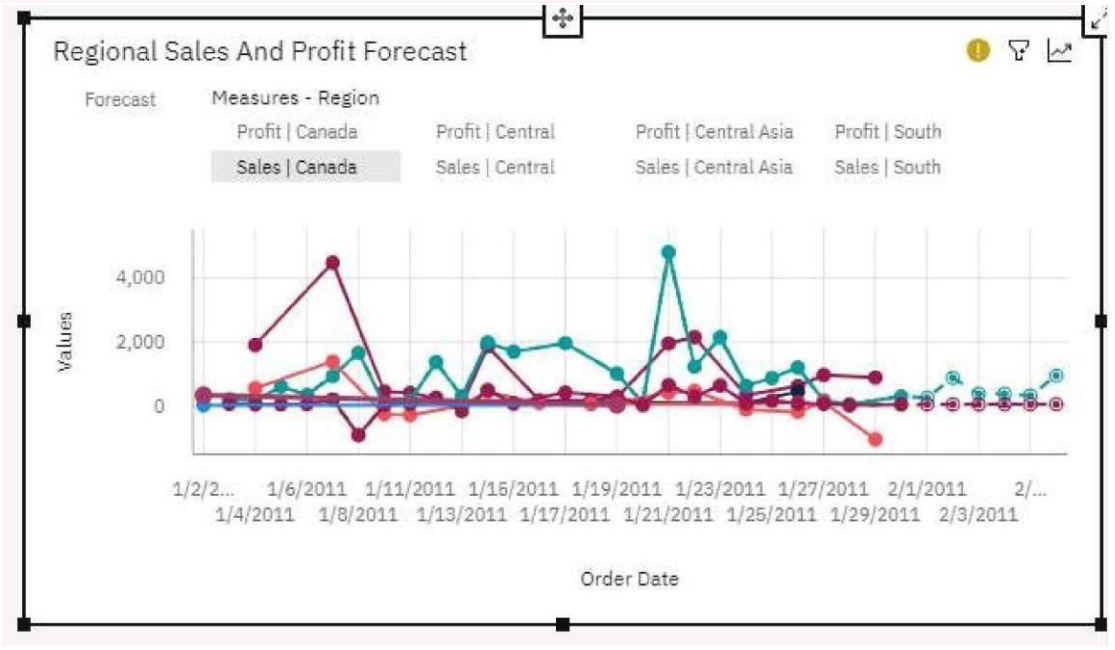


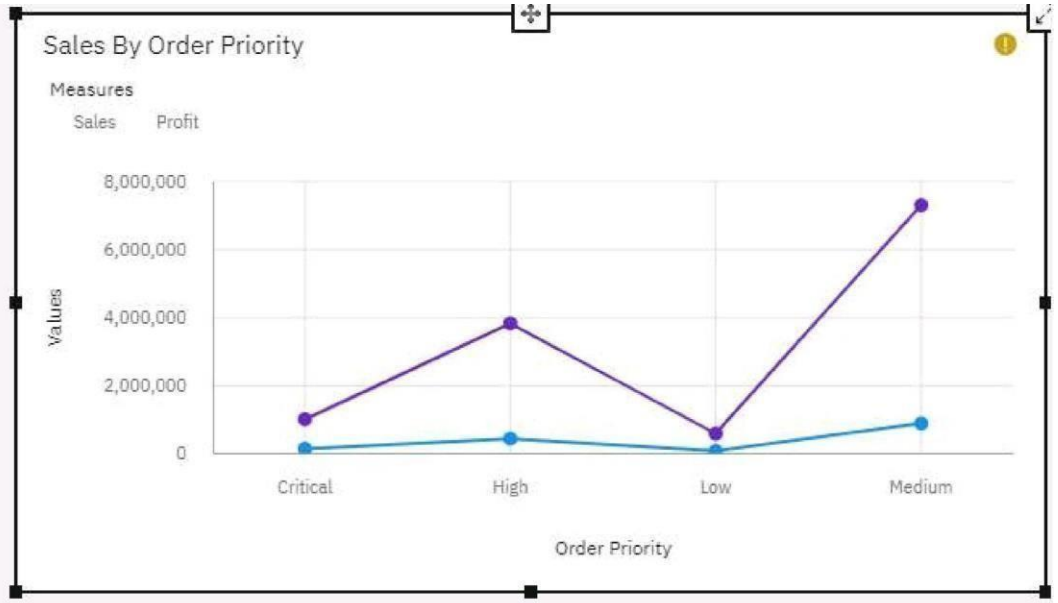

| Summary | Chart A : Sales | Chart B : Sales | Combined |
|---|---|---|---|
| Chart percent of data set | 100% | 100% | - |
| Chart percent displayed | 50% | 50% | - |
| Average | 743676.583 | 972500.147 | - |
| Chart total | 12642501.91 | 12642501.91 | - |
| Difference of chart totals | | | - |

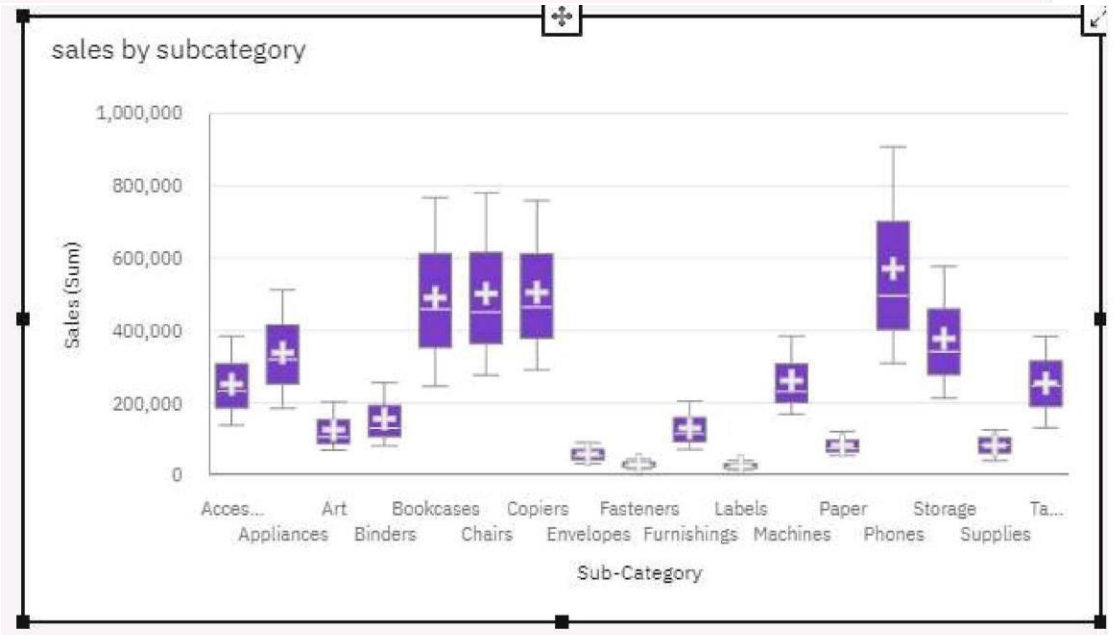

Country wise sales using map points

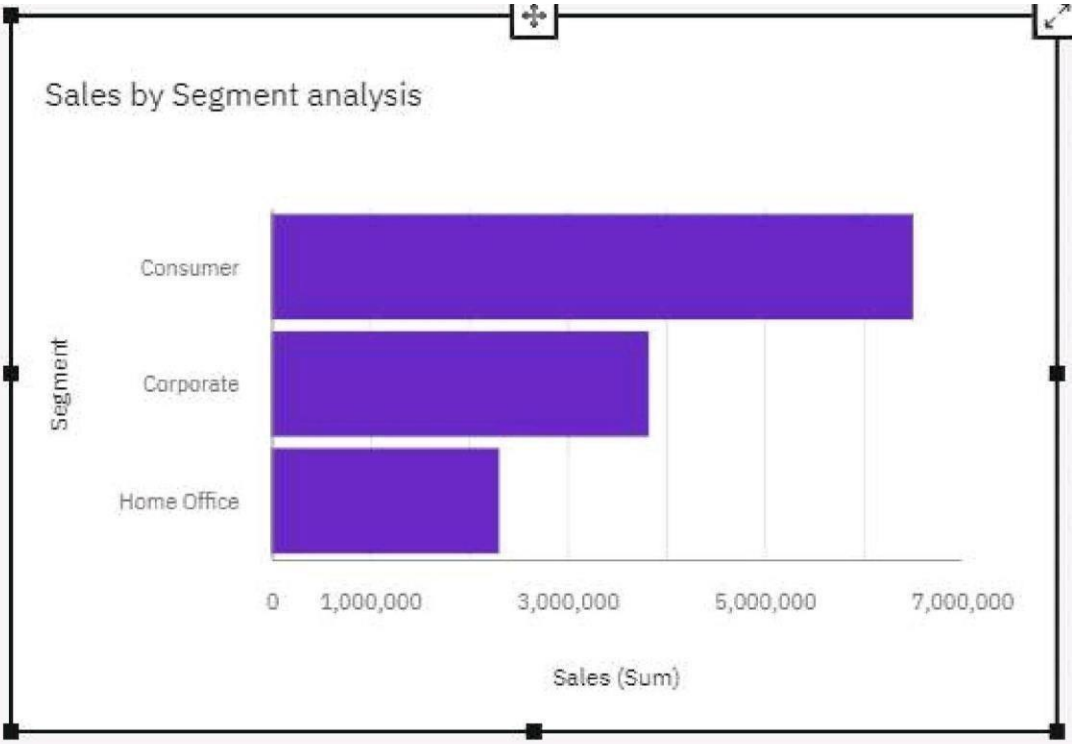

Sub Category Wise Sales And Profits Using Line And Bar Chart
Column
Sales (Sum)
Line
Profit (Sum)
2M
0
-2M
Sales (Sum)
500,000
0
-500,000
Profit (Sum)
Phones
Copiers
Chairs
Bookc...
Storage
Applia...
Machines
Tables
Access...
Binders
Furnis...
Art
Paper
Supplies
Envelo...
Fasteners
La...
Sub-Category

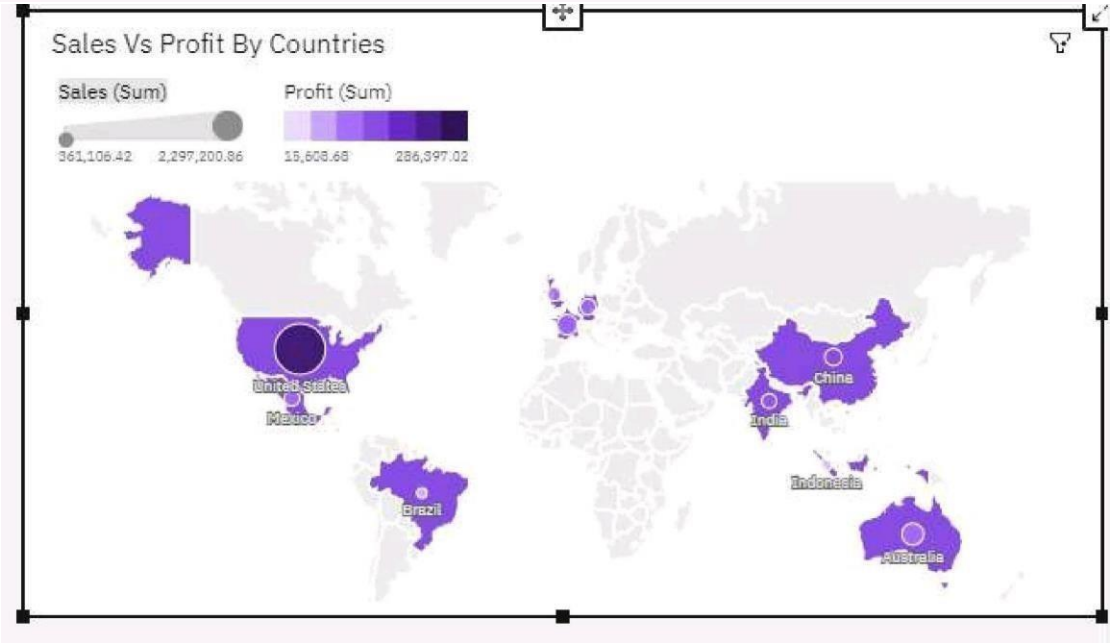

Sales Vs Profit Scatter Plot With Sub Categories And Regions
Region
Africa
Canada
Caribbean
Central
Central Asia
EMEA
East
North
North Asia
Oceania
South
Southeast Asia
West
50,000
0
Profit (Sum)
0
50,000
100,000
150,000
200,000
250,000
300,000
350,000
400,000
Sales (Sum)

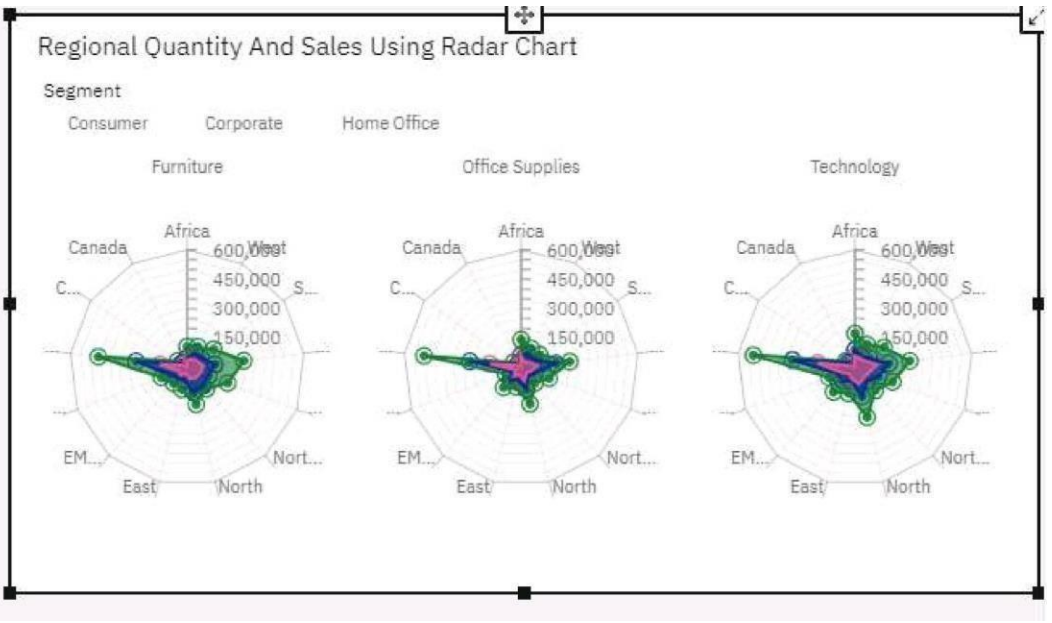

Regional Sales And Profit Forecast
Forecast
Measures - Region
Profit | Canada
Profit | Central
Profit | Central Asia
Profit | South
Sales | Canada
Sales | Central
Sales | Central Asia
Sales | South
4,000
2,000
0
Values
1/2/2...
1/4/2011
1/6/2011
1/8/2011
1/11/2011
1/13/2011
1/16/2011
1/17/2011
1/19/2011
1/21/2011
1/23/2011
1/25/2011
1/27/2011
1/29/2011
2/1/2011
2/3/2011
2/...
Order Date

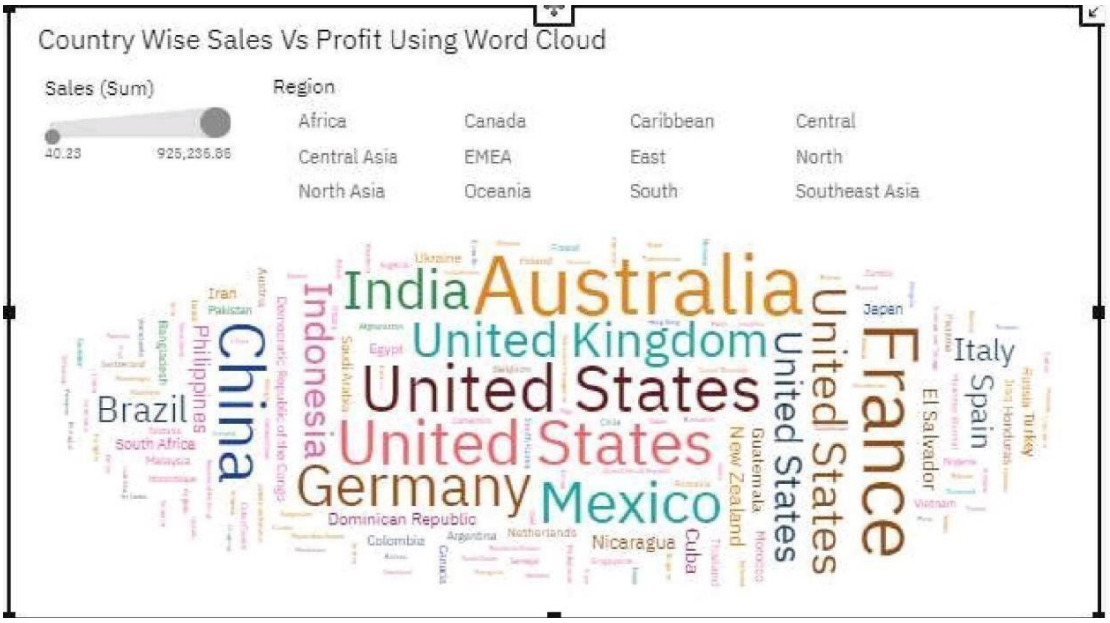

Sales By Order Priority
Measures
Sales
Profit
8,000,000
6,000,000
4,000,000
2,000,000
0
Values
Critical
High
Low
Medium
Order Priority


sales by subcategory
1,000,000
800,000
600,000
400,000
200,000
0
Sales (Sum)
Acces...
Appliances
Art
Binders
Bookcases
Chairs
Copiers
Envelopes
Fasteners
Furnishings
Labels
Machines
Paper
Phones
Storage
Supplies
Ta...
Sub-Category

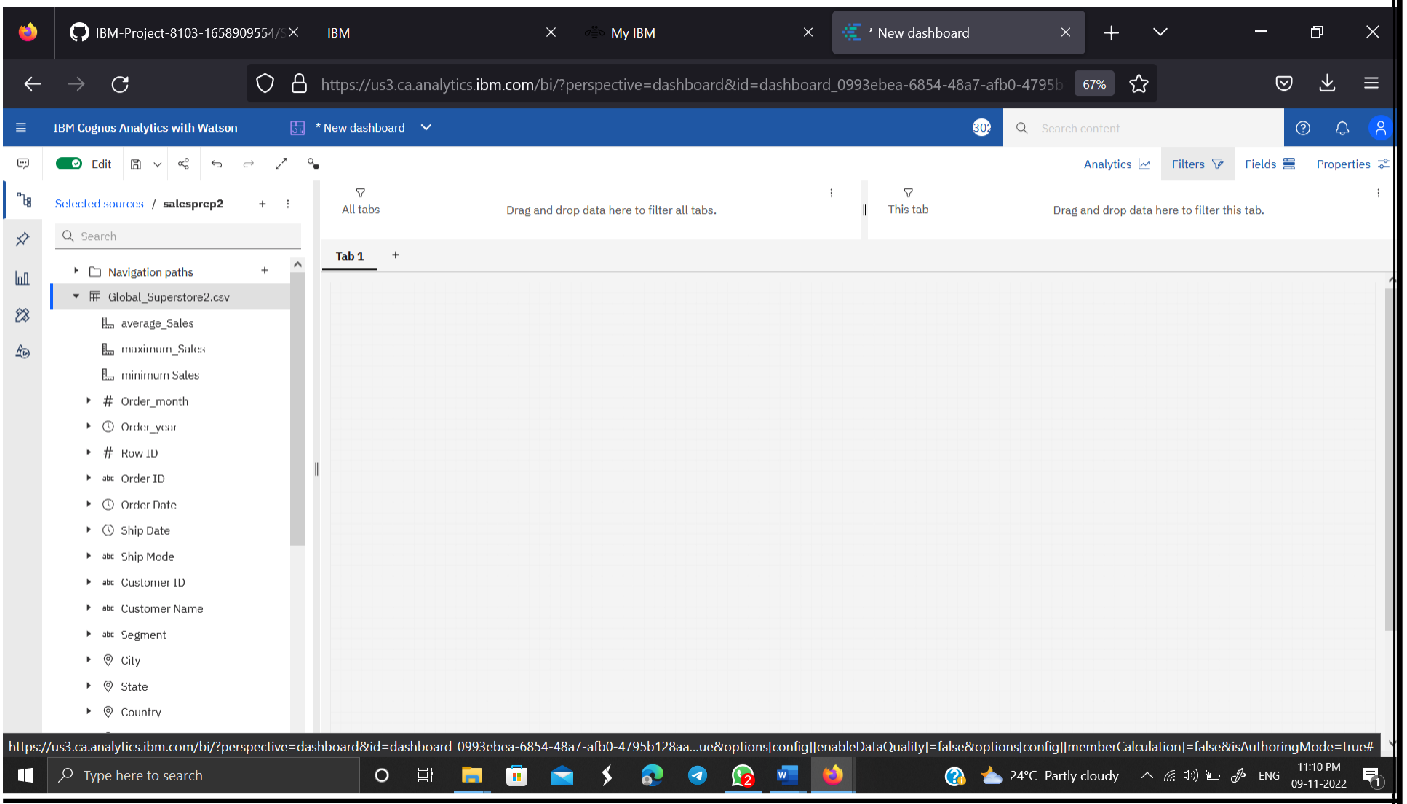

Sales by Segment analysis
Consumer
Corporate
Home Office
Segment
0
1,000,000
3,000,000
5,000,000
7,000,000
Sales (Sum)

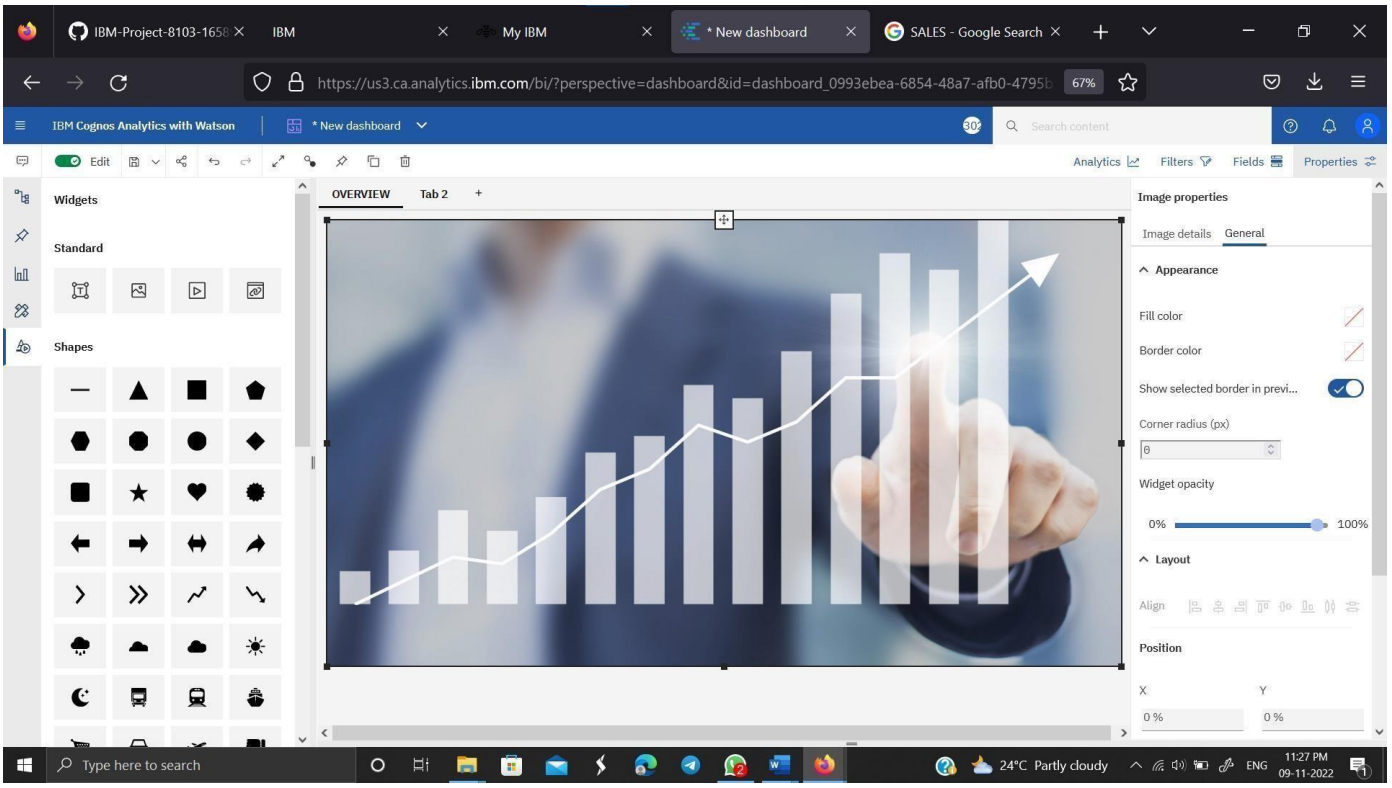

Sales Vs Profit By Countries
Sales (Sum)
361,106.42
2,297,200.86
Profit (Sum)
15,608.68
286,397.02
United States
Mexico
Brazil
China
India
Indonesia
Australia

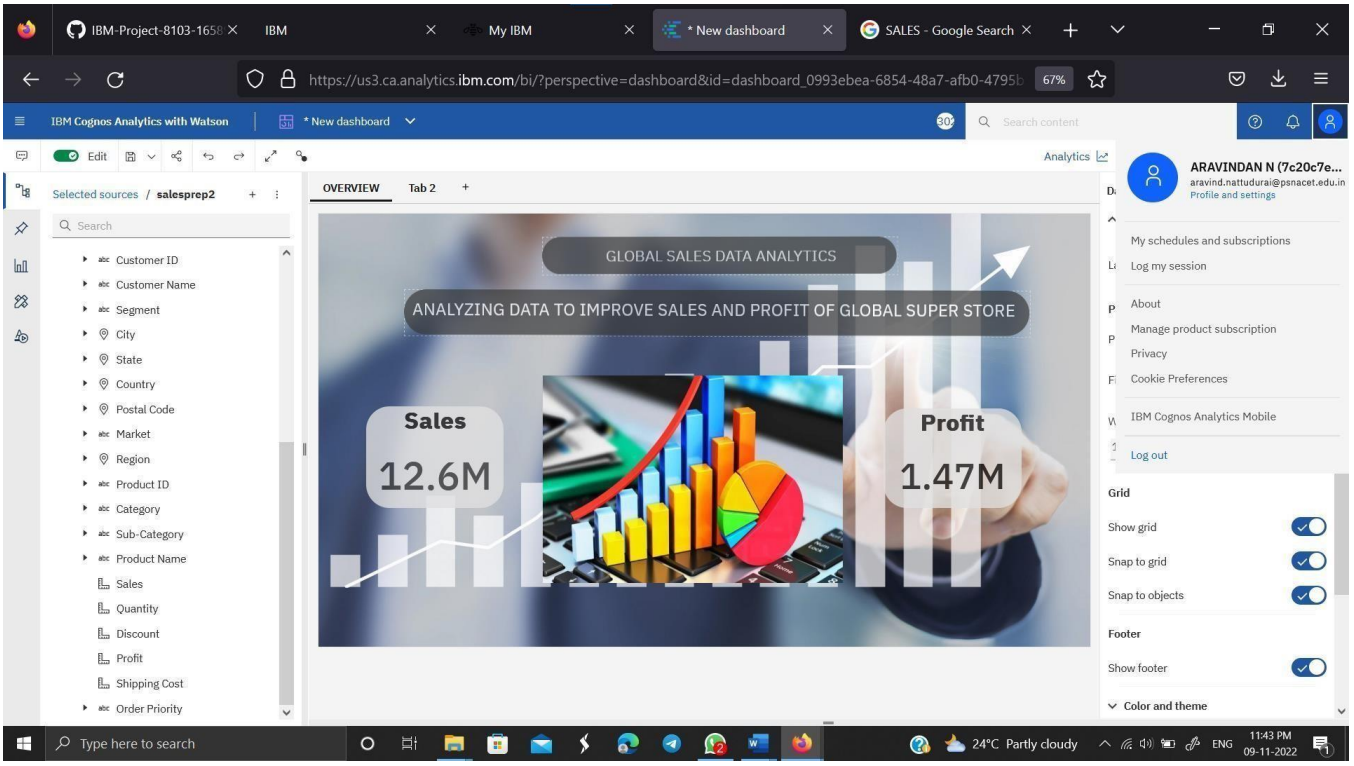

Regional Quantity And Sales Using Radar Chart
Segment
Consumer
Corporate
Home Office
Furniture
Office Supplies
Technology
Africa
Canada
C...
EM...
East
North
Nort...
S...
600,000
450,000
300,000
150,000




## ➢ NOWSTARTINGTO BUILDDASHBOARD




IBM Cognos Analytics with Watson
* New dashboard
Widgets
Standard
Shapes
OVERVIEW
Tab 2
Image properties
Image details
General
Appearance
Fill color
Border color
Show selected border in previ...
Corner radius (px)
Widget opacity
0%
100%
Layout
Position
Type here to search
24°C Partly cloudy
11:27 PM
09-11-2022


IBM Cognos Analytics with Watson
* New dashboard
Selected sources / salesprep2
Customer ID
Customer Name
Segment
City
State
Country
Postal Code
Market
Region
Product ID
Category
Sub-Category
Product Name
Sales
Quantity
Discount
Profit
Shipping Cost
Order Priority
OVERVIEW
Tab 2
GLOBAL SALES DATA ANALYTICS
ANALYZING DATA TO IMPROVE SALES AND PROFIT OF GLOBAL SUPER STORE
Sales
12.6M
Profit
1.47M
ARAVINDAN N (7c20c7e...
Profile and settings
My schedules and subscriptions
Log my session
About
Manage product subscription
Privacy
Cookie Preferences
IBM Cognos Analytics Mobile
Log out
Grid
Show grid
Snap to grid
Snap to objects
Footer
Show footer
Color and theme
Type here to search
24°C Partly cloudy
11:43 PM
09-11-2022