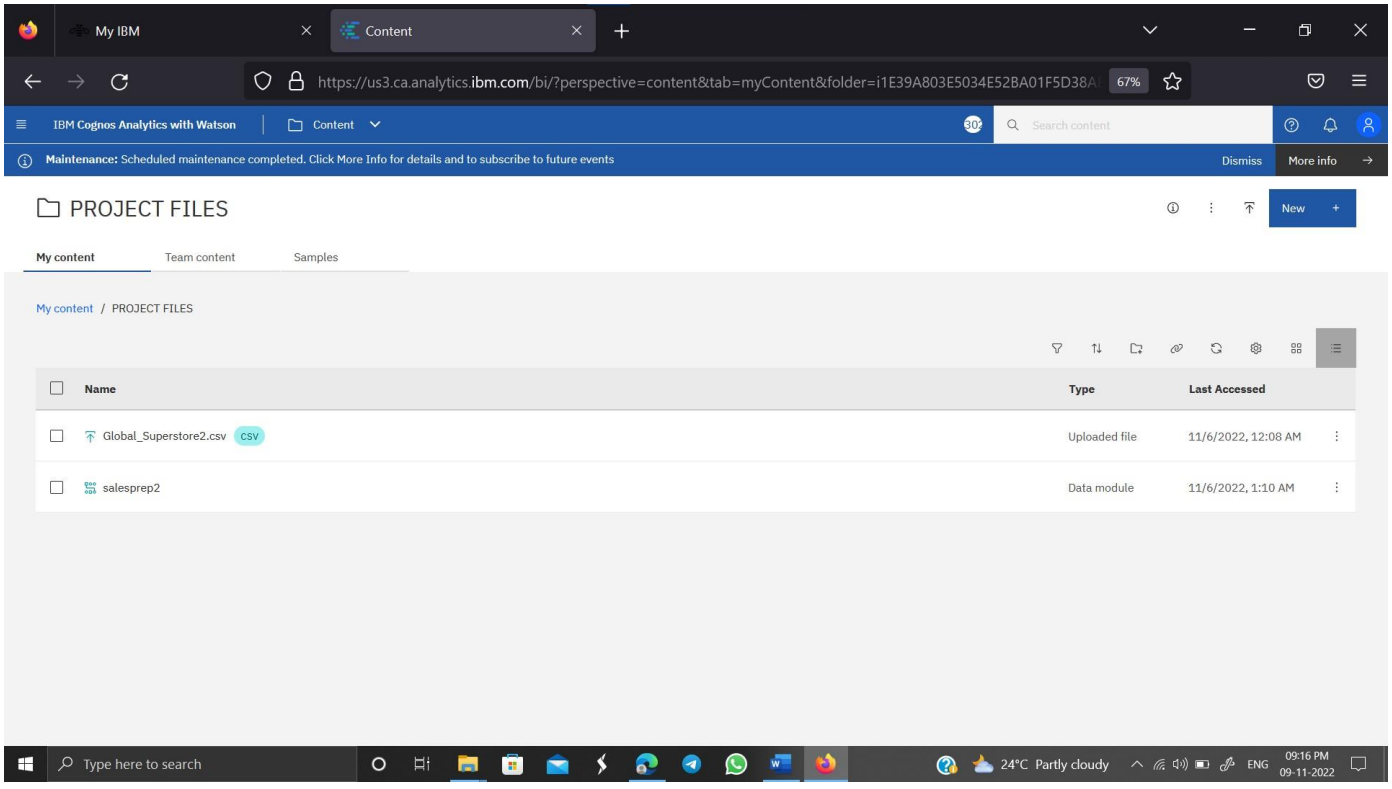
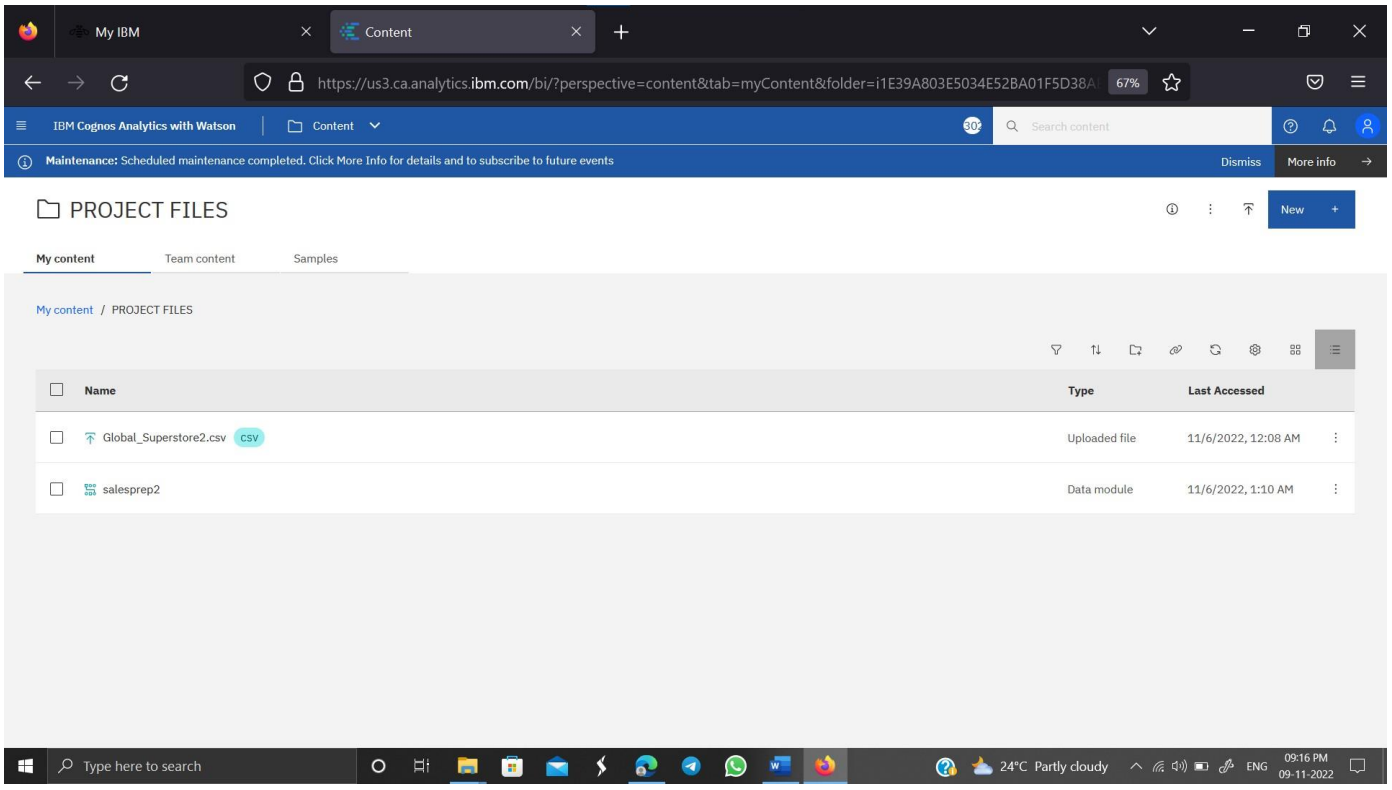
PROJECT DEVELOPMENT PHASE

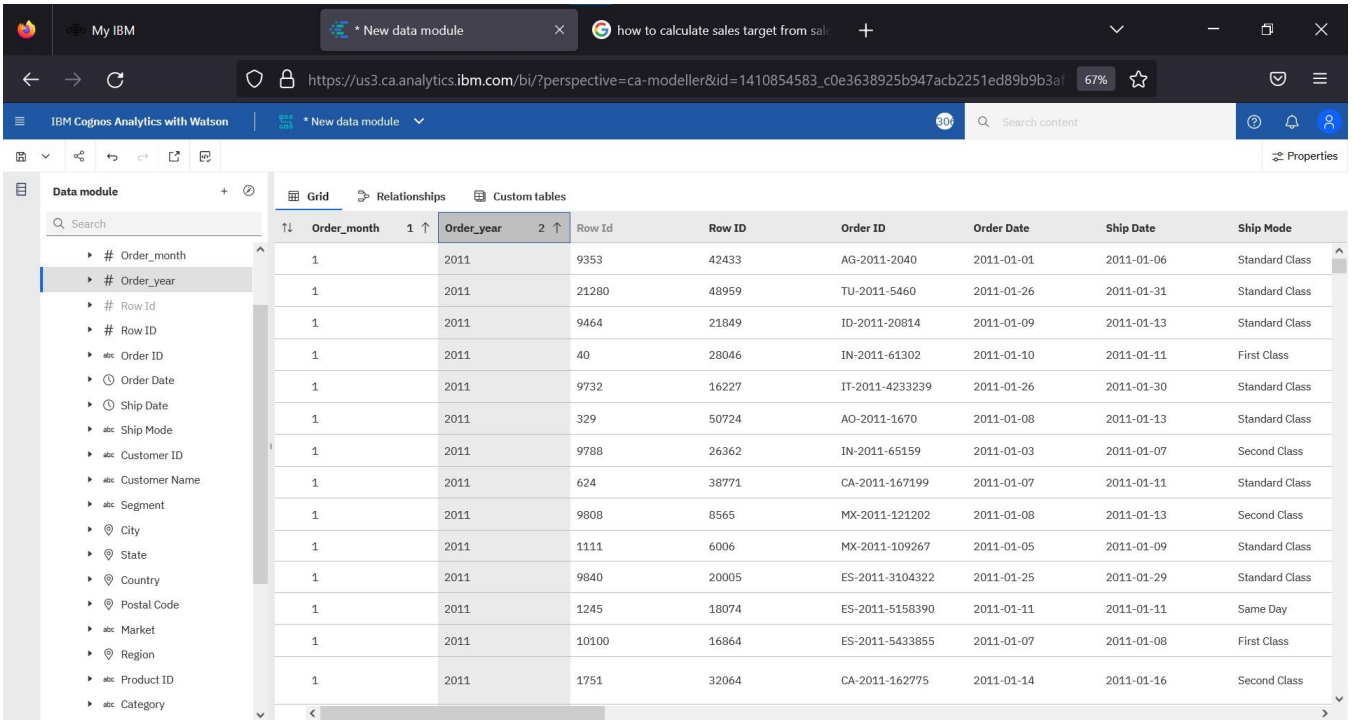
SPRINT-IV

Data	15 November 2022
Team ID	PNT2022TMID03010
Project Name	GLOBAL SALES DATA ANALYTICS

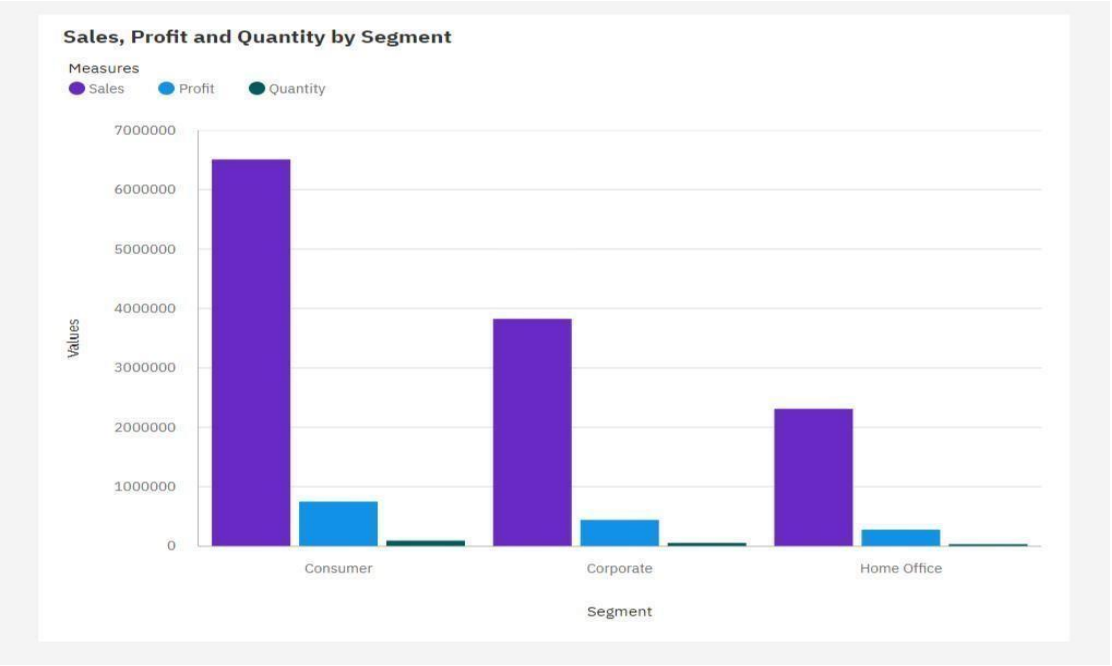
- **Uploading the data set**




My IBM
Content
https://us3.ca.analytics.ibm.com/bi/?perspective=content&tab=myContent&folder=i1E39A803E5034E52BA01F5D38
67%
IBM Cognos Analytics with Watson
Content
Search content
Maintenance: Scheduled maintenance completed. Click More Info for details and to subscribe to future events
Dismiss
More info
PROJECT FILES
New
My content
Team content
Samples
My content / PROJECT FILES
Name
Type
Last Accessed
Global_Superstore2.csv
csv
Uploaded file
11/6/2022, 12:08 AM
salesprep2
Data module
11/6/2022, 1:10 AM
Type here to search
24°C Partly cloudy
ENG
09:16 PM
09-11-2022


My IBM
* New data module
how to calculate sales target from sal
https://us3.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=1410854583_c0e3638925b947acb2251ed89b9b3a
67%
IBM Cognos Analytics with Watson
* New data module
Search content
Properties
Data module
Search
Order_month
Order_year
Row Id
Row ID
Order ID
Order Date
Ship Date
Ship Mode
Customer ID
Customer Name
Segment
City
State
Country
Postal Code
Market
Region
Product ID
Category
Grid
Relationships
Custom tables
Order_month 1
Order_year 2
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



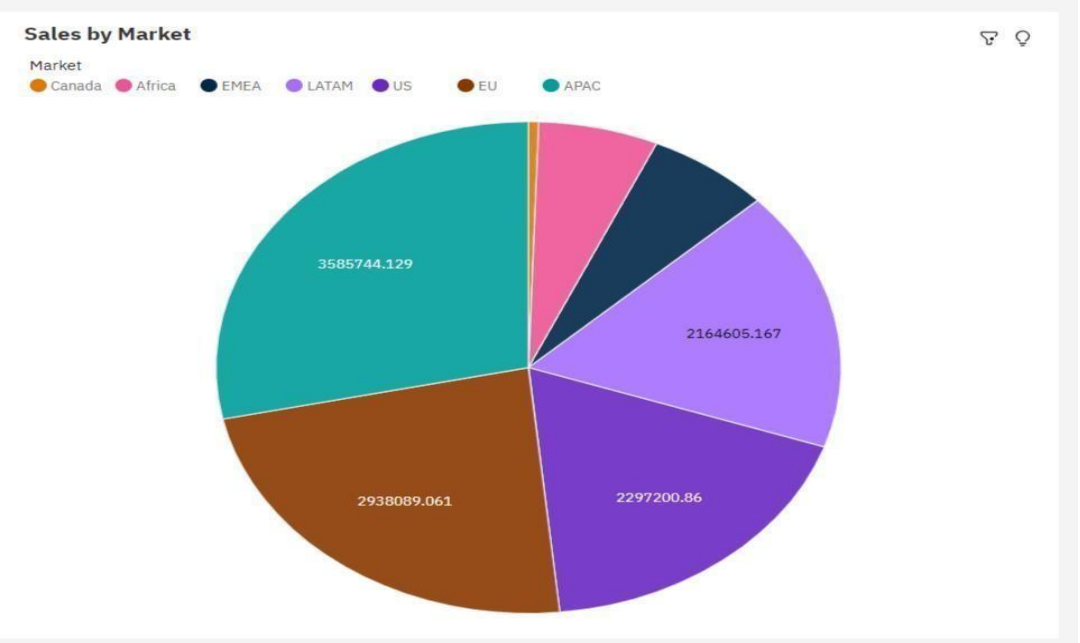


Chart A

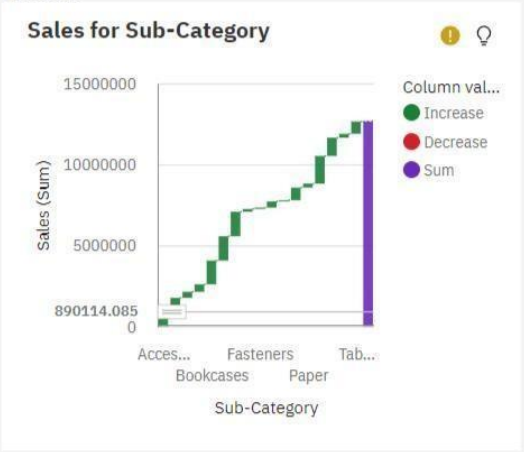
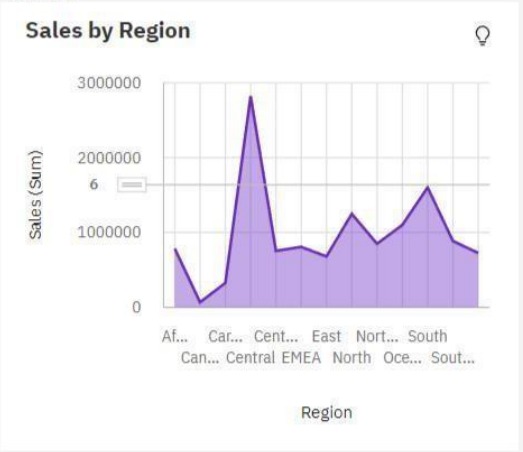
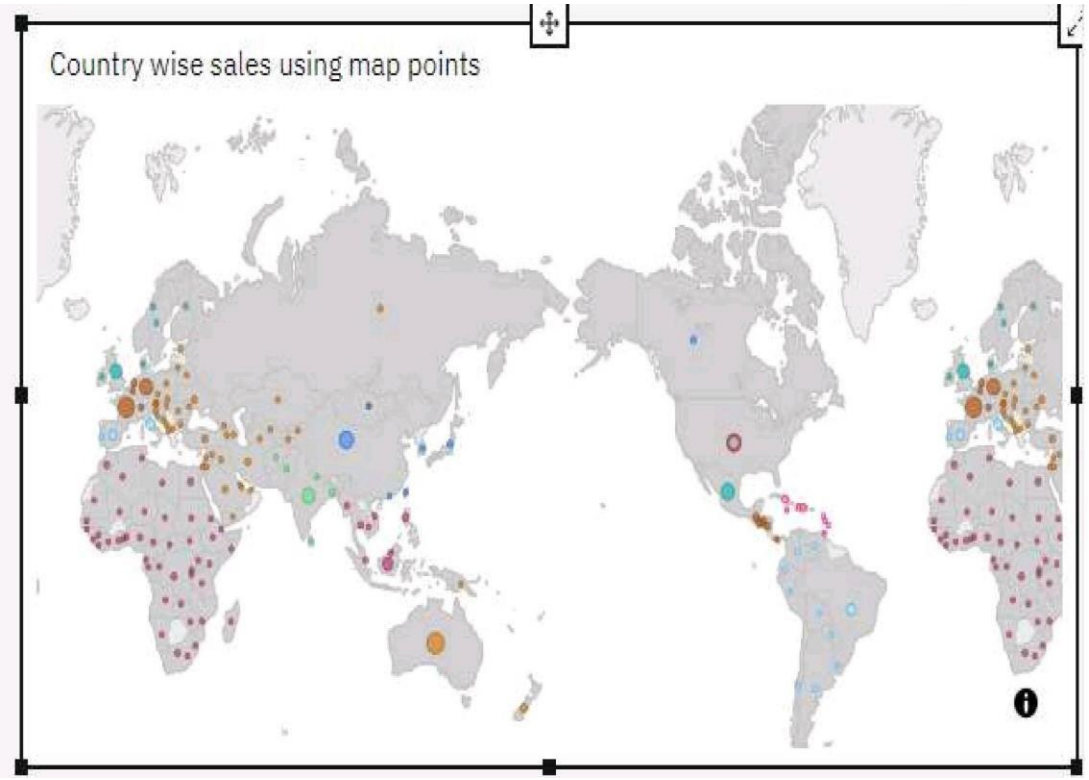
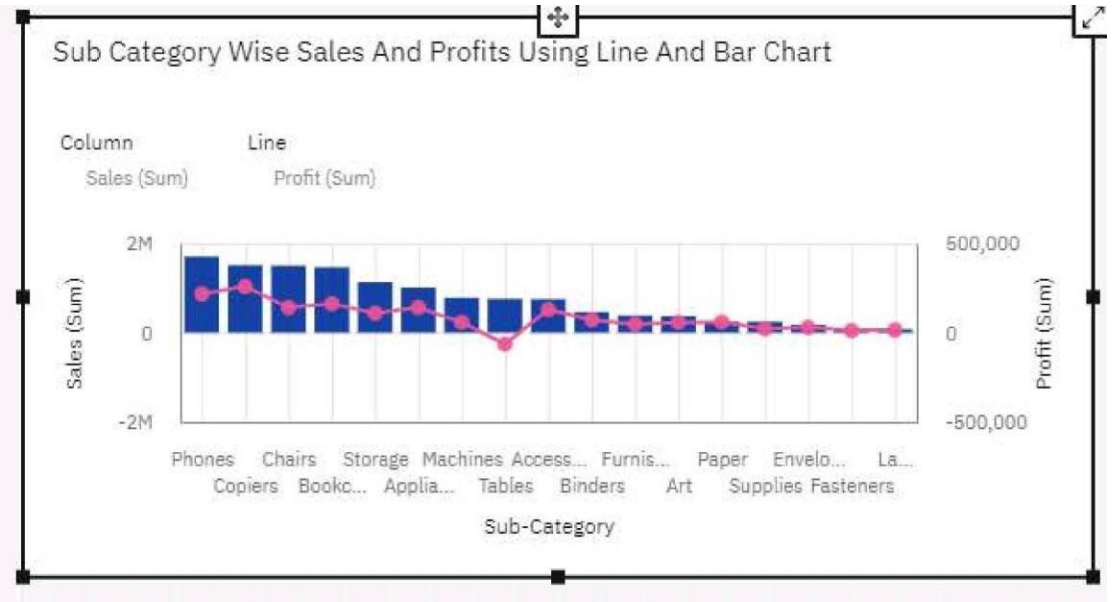


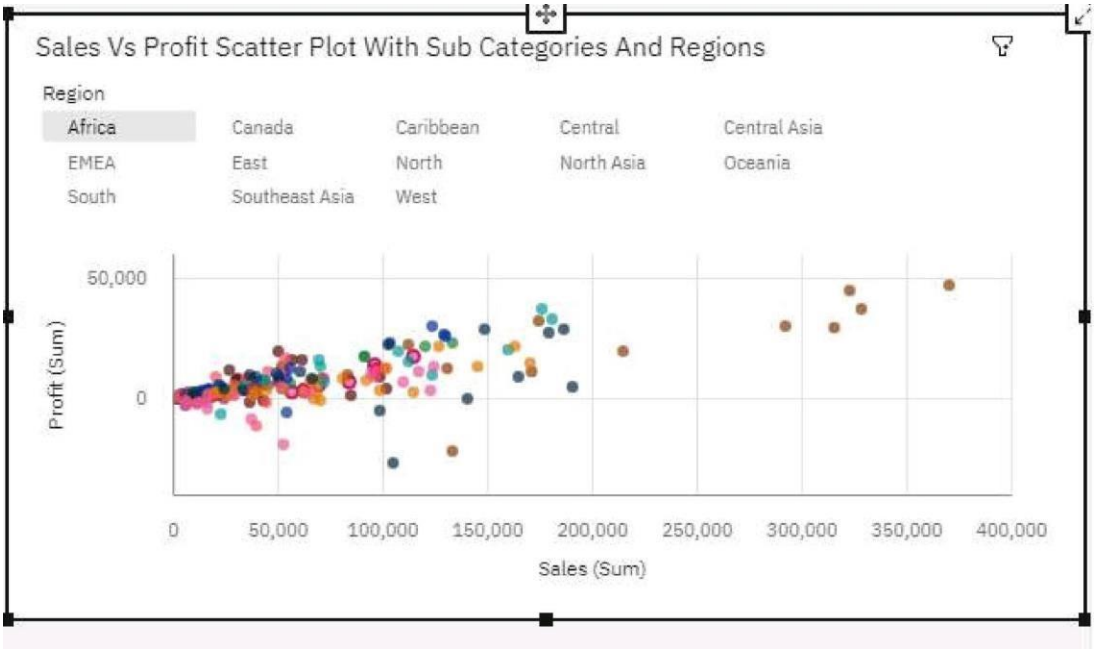
Chart B

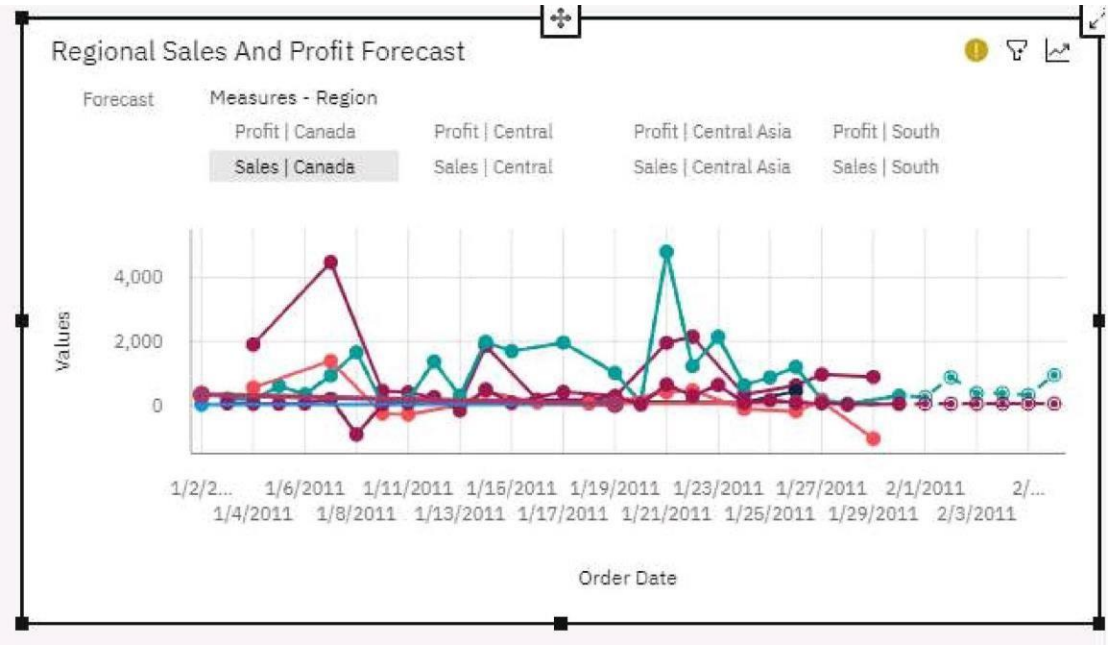


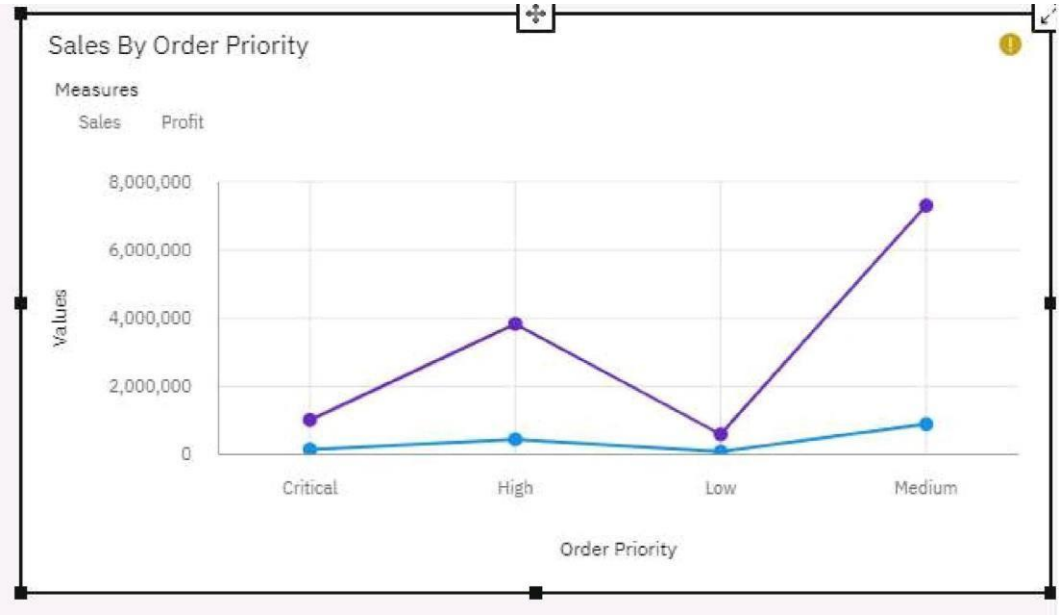
Summary	Chart A : Sales	Chart B : Sales	Combined
Chart percent of data set	100%	100%	-
Chart percent displayed	50%	50%	-
Average	743676.583	972500.147	-
Chart total	12642501.91	12642501.91	-
Difference of chart totals			-

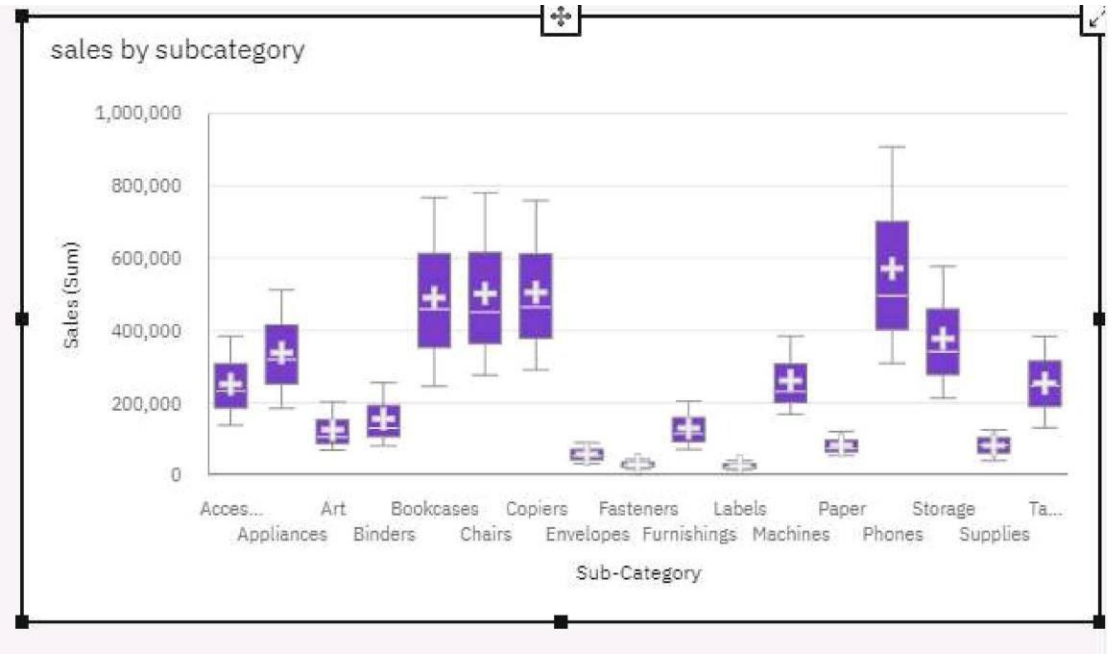


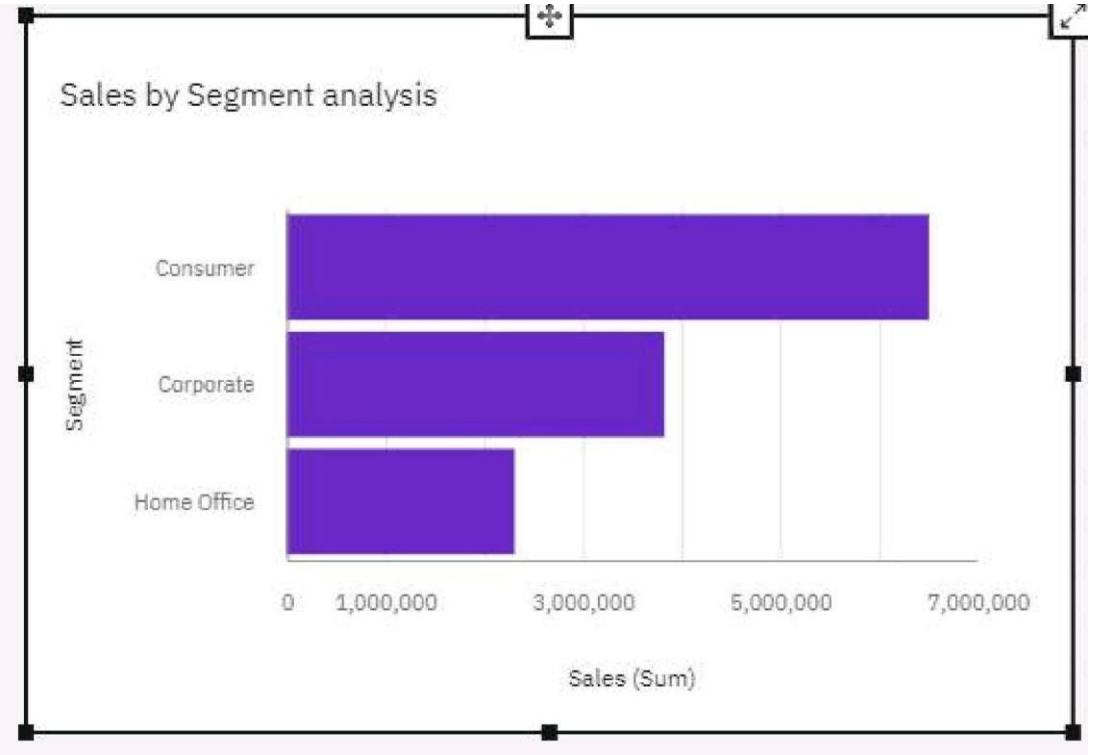

Sub Category Wise Sales And Profits Using Line And Bar Chart
Column
Sales (Sum)
Line
Profit (Sum)
2M
0
-2M
Sales (Sum)
500,000
0
-500,000
Profit (Sum)
Phones
Chairs
Storage
Machines
Access...
Furnis...
Paper
Envelo...
La...
Copiers
Bookc...
Applia...
Tables
Binders
Art
Supplies
Fasteners
Sub-Category

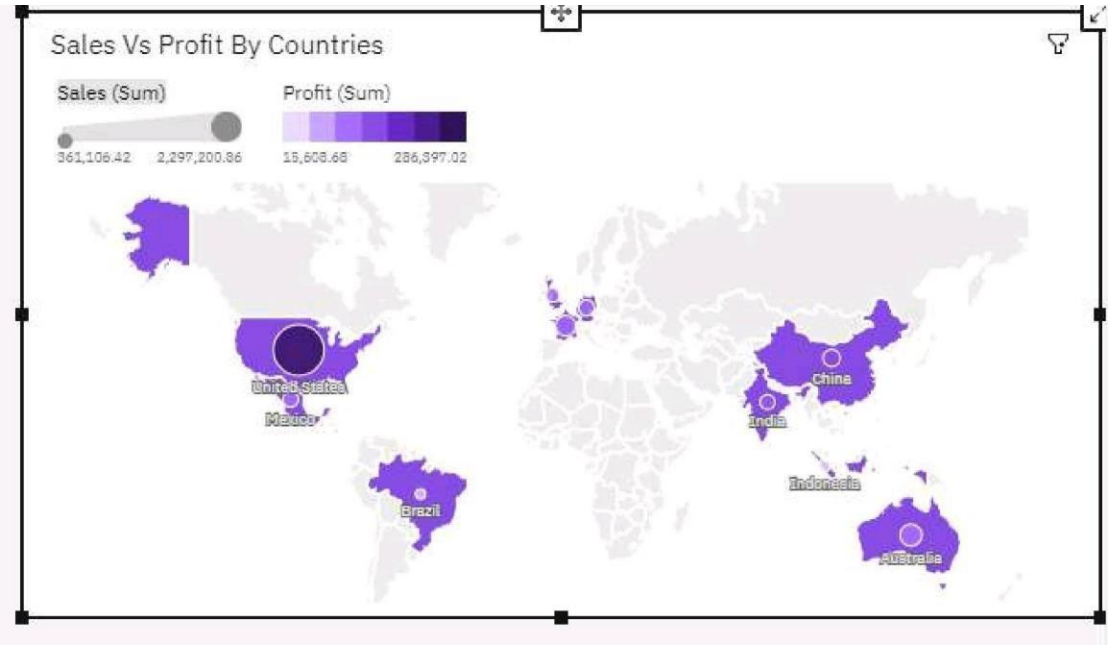

Sales Vs Profit Scatter Plot With Sub Categories And Regions
Region
Africa
Canada
Caribbean
Central
Central Asia
EMEA
East
North
North Asia
Oceania
South
Southeast Asia
West
50,000
0
Profit (Sum)
0
50,000
100,000
150,000
200,000
250,000
300,000
350,000
400,000
Sales (Sum)


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
1/15/2011
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

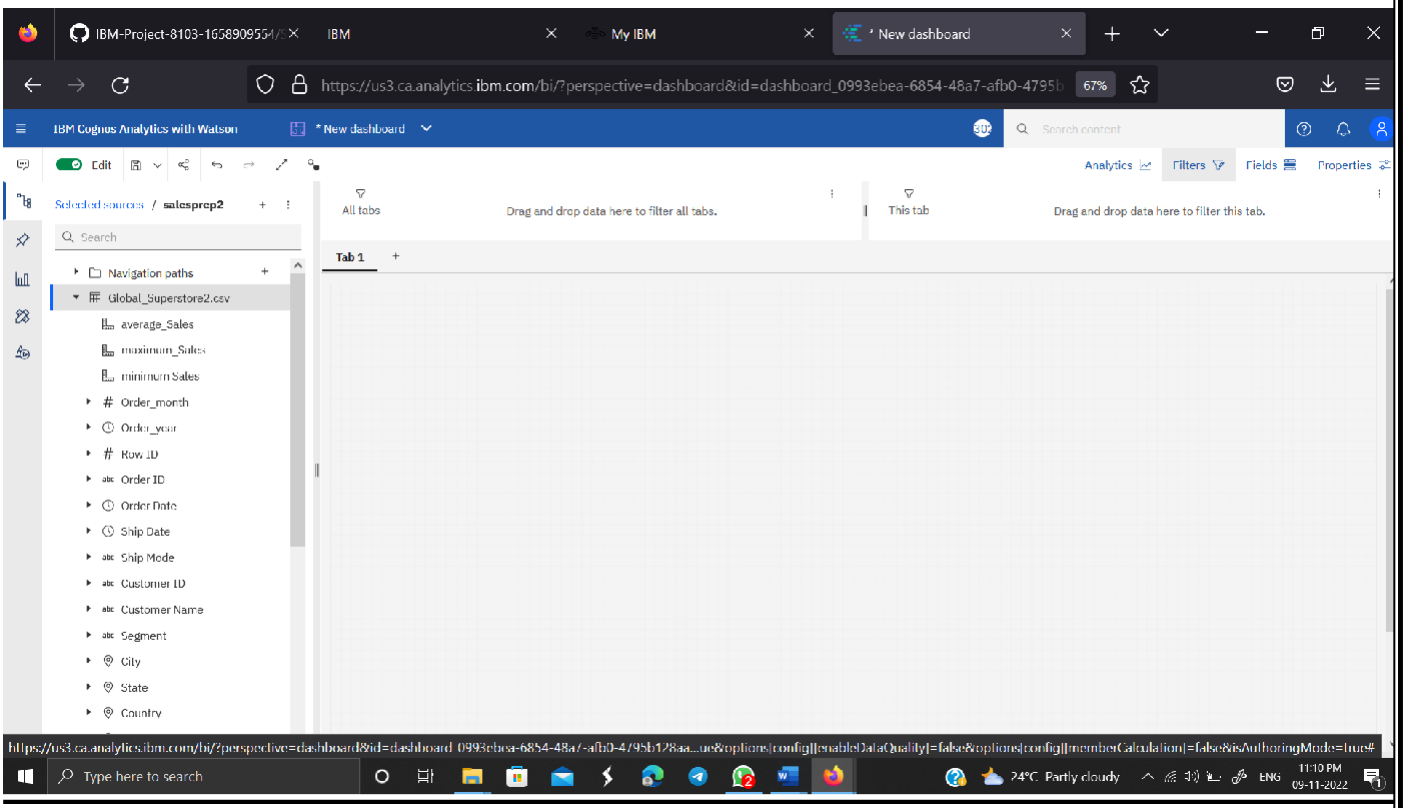

sales by subcategory
1,000,000
800,000
600,000
400,000
200,000
0
Sales (Sum)
Acces...
Appliances
Art
Binders
Bookcases
Chairs
Copiers
Envelopes
Fasteners
Furnishings
Labels
Machines
Paper
Phones
Storage
Supplies
Ta...
Sub-Category

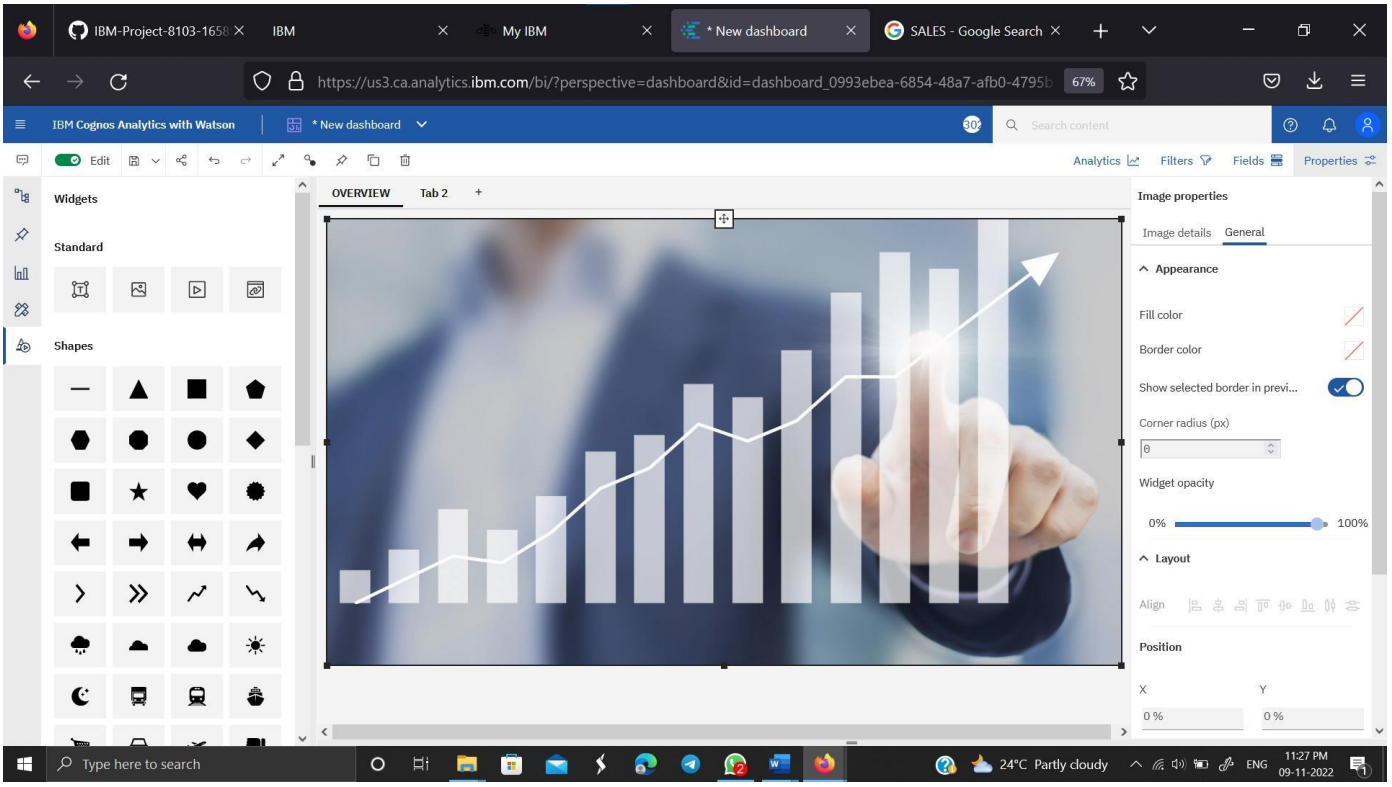

Sales by Segment analysis
Consumer
Corporate
Home Office
Segment
0
1,000,000
3,000,000
5,000,000
7,000,000
Sales (Sum)

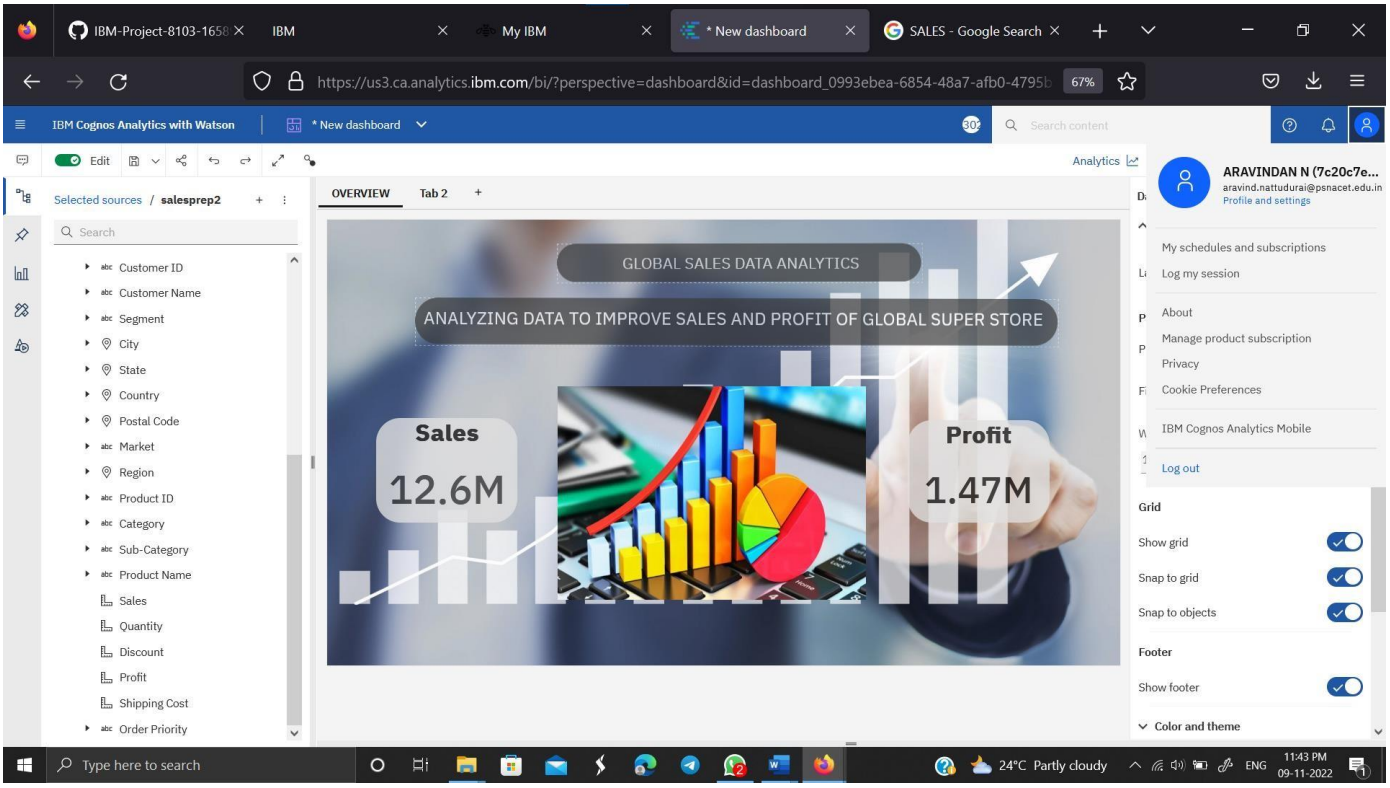

Sales Vs Profit By Countries
Sales (Sum)
361,106.42
2,297,200.86
Profit (Sum)
15,606.68
286,397.02
United States
Mexico
Brazil
China
India
Indonesia
Australia

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

➢ NOW STARTING TO BUILD DASHBOARD




IBM-Project-8103-1658
IBM
My IBM
* New dashboard
SALES - Google Search
https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&id=dashboard_0993ebea-6854-48a7-afb0-4795b
67%
IBM Cognos Analytics with Watson
* New dashboard
Edit
Analytics
Filters
Fields
Properties
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
Align
Position
X
Y
Type here to search
24°C Partly cloudy
ENG
11:27 PM
09-11-2022


IBM-Project-8103-1658
IBM
My IBM
* New dashboard
SALES - Google Search
https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&id=dashboard_0993ebea-6854-48a7-afb0-4795b
67%
IBM Cognos Analytics with Watson
* New dashboard
Edit
Analytics
Selected sources / salesprep2
Search
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...
aravind.nattudurai@psnacet.edu.in
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
ENG
11:43 PM
09-11-2022