

SMARTBRIDGE DATA ANALYTICS EXTERNSHIP GUIDED PROJECT

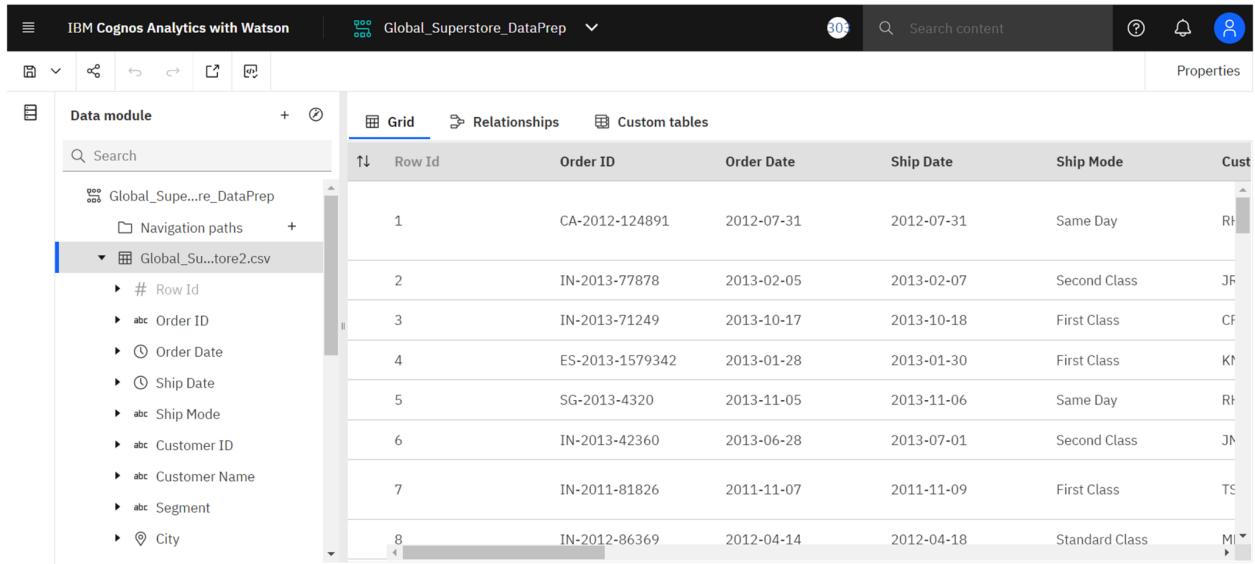
Name:- Yash Saxena

Reg No:- 19BCE10115

Topic:- Global Sales Data Analytics Using Ibm Cognos

Working with the Dataset:-

1.



The screenshot shows the IBM Cognos Analytics with Watson interface. The top navigation bar includes 'IBM Cognos Analytics with Watson', the current project 'Global_Superstore_DataPrep', a user icon, and a search bar. The main area has tabs for 'Grid', 'Relationships', and 'Custom tables'. The 'Grid' tab is selected, displaying a table with columns: Row Id, Order ID, Order Date, Ship Date, Ship Mode, and Cust. The table contains 8 rows of data. On the left, a sidebar shows the 'Data module' section with 'Global_Superstore2.csv' selected, listing fields: Row Id, Order ID, Order Date, Ship Date, Ship Mode, Customer ID, Customer Name, Segment, and City.

Row Id	Order ID	Order Date	Ship Date	Ship Mode	Cust
1	CA-2012-124891	2012-07-31	2012-07-31	Same Day	RH
2	IN-2013-77878	2013-02-05	2013-02-07	Second Class	JF
3	IN-2013-71249	2013-10-17	2013-10-18	First Class	CF
4	ES-2013-1579342	2013-01-28	2013-01-30	First Class	KN
5	SG-2013-4320	2013-11-05	2013-11-06	Same Day	RH
6	IN-2013-42360	2013-06-28	2013-07-01	Second Class	JM
7	IN-2011-81826	2011-11-07	2011-11-09	First Class	TS
8	IN-2012-86369	2012-04-14	2012-04-18	Standard Class	MJ

2.

IBM Cognos Analytics with Watson Global_Superstore_DataPrep 303 Search content Properties

Data module

Grid Relationships Custom tables

Ship Mode Customer ID Customer Name Segment City State

Same Day	RH-19495	Rick Hansen	Consumer	New York City	New York
Second Class	JR-16210	Justin Ritter	Corporate	Wollongong	New South Wales
First Class	CR-12730	Craig Reiter	Consumer	Brisbane	Queensland
First Class	KM-16375	Katherine Murray	Home Office	Berlin	Germany
Same Day	RH-9495	Rick Hansen	Consumer	Dakar	Dakar
Second Class	JM-15655	Jim Mitchum	Corporate	Sydney	New South Wales
First Class	TS-21340	Toby Swindell	Consumer	Porirua	Wellington
Standard Class	MB-18085	Mick Brown	Consumer	Hamilton	Waikato

3.

IBM Cognos Analytics with Watson Global_Superstore_DataPrep 303 Search content Properties

Data module

Grid Relationships Custom tables

State Country Postal Code Market Region Product

New York	United States	10024	US	East	TECH
New South Wales	Australia	Null	APAC	Oceania	FUJI
Queensland	Australia	Null	APAC	Oceania	TECH
Berlin	Germany	Null	EU	Central	TECH
Dakar	Senegal	Null	Africa	Africa	TECH
New South Wales	Australia	Null	APAC	Oceania	TECH
Wellington	New Zealand	Null	APAC	Oceania	FUJI
Waikato	New Zealand	Null	APAC	Oceania	FUJI

4.

IBM Cognos Analytics with Watson | Global_Superstore_DataPrep | 303 | Search content | Properties

Data module

Grid Relationships Custom tables

	Region	Product ID	Category	Sub-Category	Product Name
East	TEC-AC-10003033	Technology	Accessories	Plantronics CS510 - Over-the-Head monaural Wireless Headset System	
Oceania	FUR-CH-10003950	Furniture	Chairs	Novimex Executive Leather Armchair, Black	
Oceania	TEC-PH-10004664	Technology	Phones	Nokia Smart Phone, with Caller ID	
Central	TEC-PH-10004583	Technology	Phones	Motorola Smart Phone, Cordless	
Africa	TEC-SHA-10000501	Technology	Copiers	Sharp Wireless Fax, High-Speed	
Oceania	TEC-PH-10000030	Technology	Phones	Samsung Smart Phone with Caller ID	
Oceania	FUR-CH-10004050	Furniture	Chairs	Novimex Executive Leather Armchair, Adjustable	
Oceania	FUR-TA-10002958	Furniture	Tables	Chromcraft Conference	

5.

IBM Cognos Analytics with Watson | Global_Superstore_DataPrep | 303 | Search content | Properties

Data module

Grid Relationships Custom tables

	Sub-Category	Product Name	Sales	Quantity	Discount
Accessories	Plantronics CS510 - Over-the-Head monaural Wireless Headset System	2309.65	7	0	
Chairs	Novimex Executive Leather Armchair, Black	3709.395	9	0.1	
Phones	Nokia Smart Phone, with Caller ID	5175.171	9	0.1	
Phones	Motorola Smart Phone, Cordless	2892.51	5	0.1	
Copiers	Sharp Wireless Fax, High-Speed	2832.96	8	0	
Phones	Samsung Smart Phone, with Caller ID	2862.675	5	0.1	
Chairs	Novimex Executive Leather Armchair, Adjustable	1822.08	4	0	
Tables	Chromcraft Conference	5244.84	6	0	

6.

IBM Cognos Analytics with Watson

Global_Superstore_DataPrep

Properties

Data module

Grid Relationships Custom tables

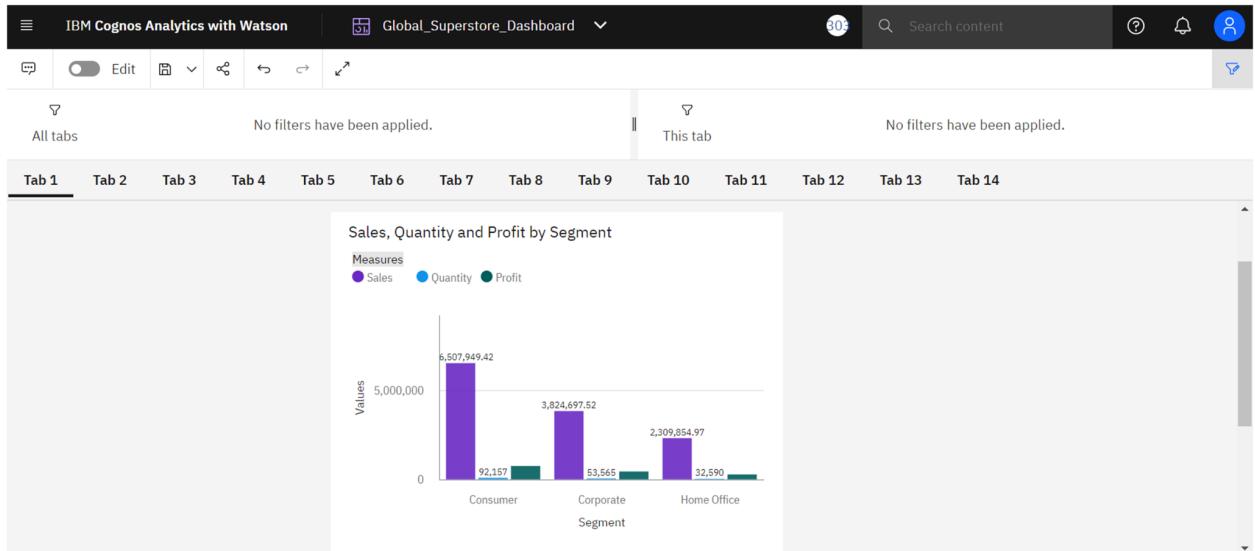
Quantity Discount Profit Shipping Cost Order Priority

Global_Superstore2.csv

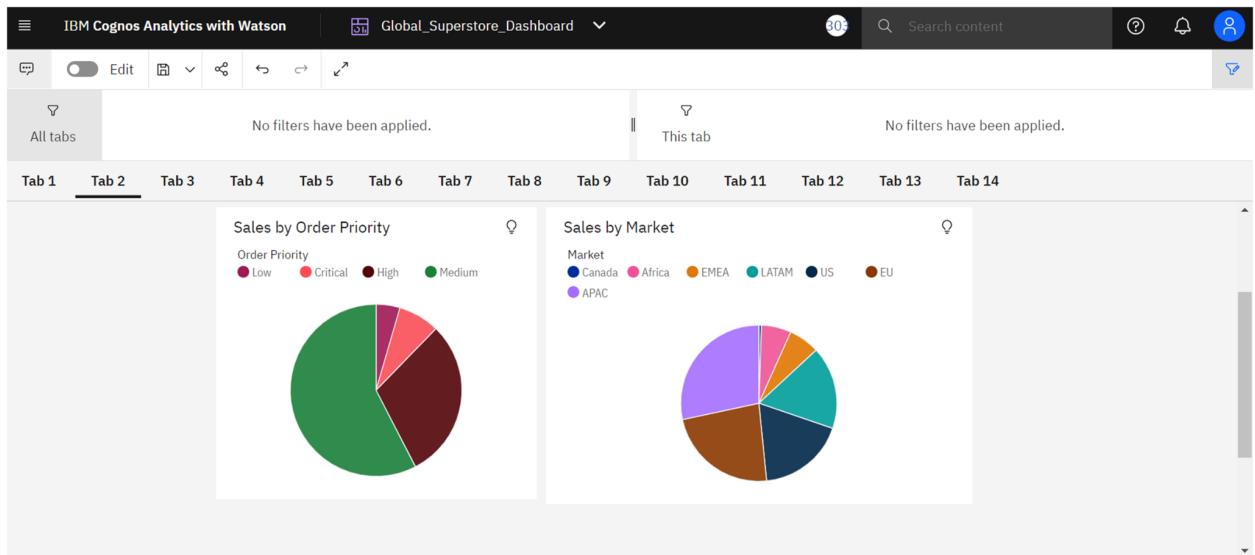
# Row Id	abc Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name	Segment	City	Quantity	Discount	Profit	Shipping Cost	Order Priority
7	9	9	5	8	5	4	6	0	0	0.1	-288.765	923.63	Critical
9	9	5	8	5	4	6	0	0	0.1	919.971	915.49	Medium	
5	8	5	4	6	0	0	0	0	0.1	-96.54	910.16	Medium	
8	5	4	6	0	763.275	564.84	311.52	996.48	0	0	903.04	Critical	
5	4	6	0	0	763.275	564.84	311.52	878.38	0	0.1	897.35	Critical	
4	6	0	0	0	0	0	0	0	0	0	894.77	Critical	
6	0	0	0	0	0	0	0	0	0	0	878.38	High	

Data Visualization Charts:-

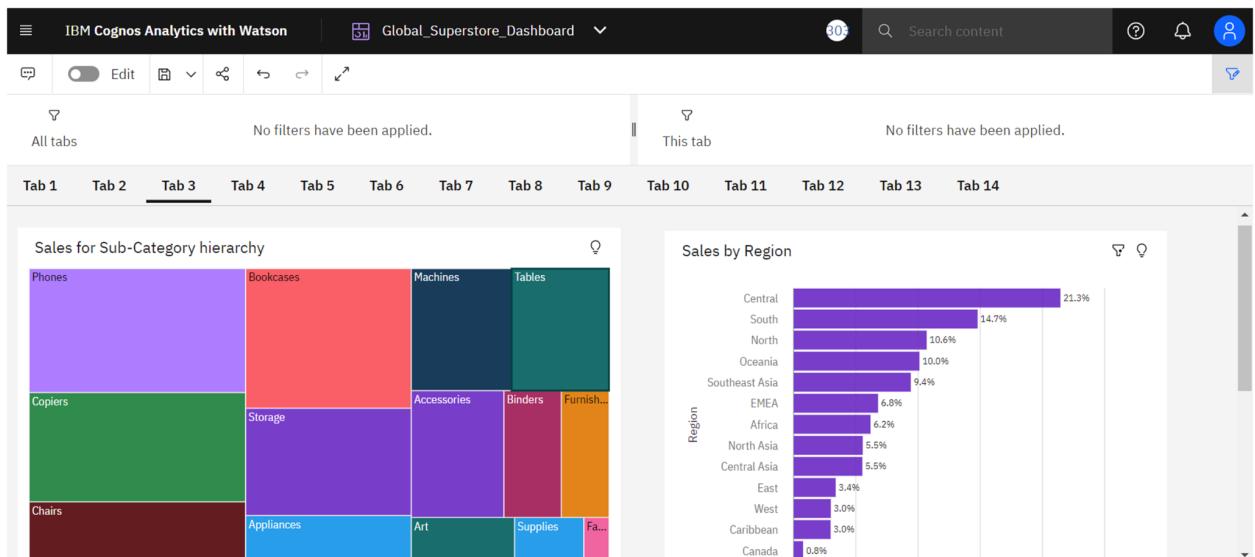
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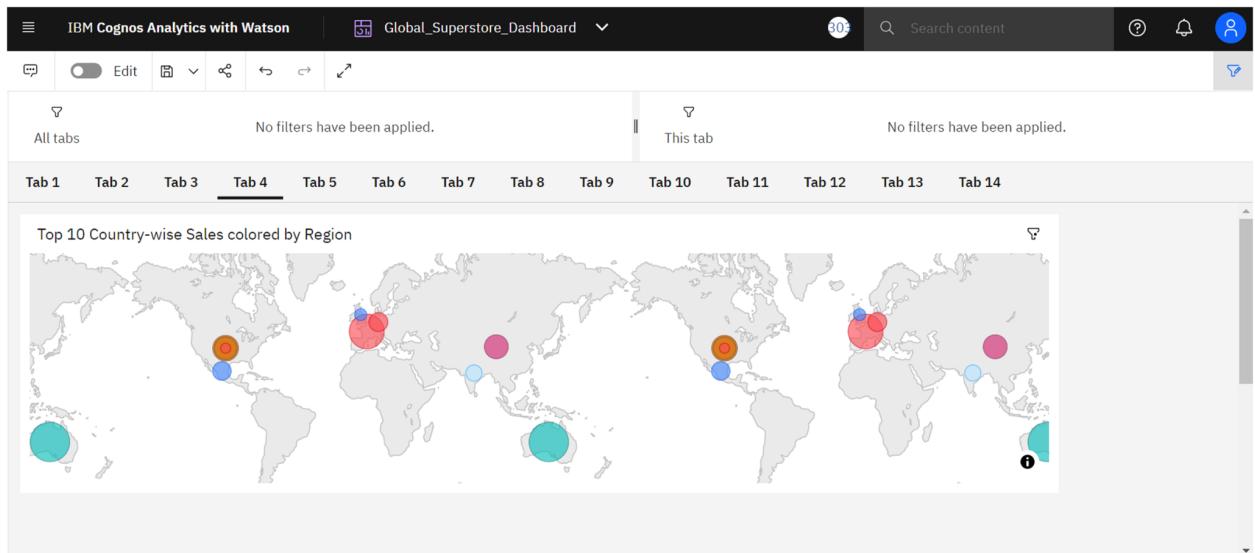
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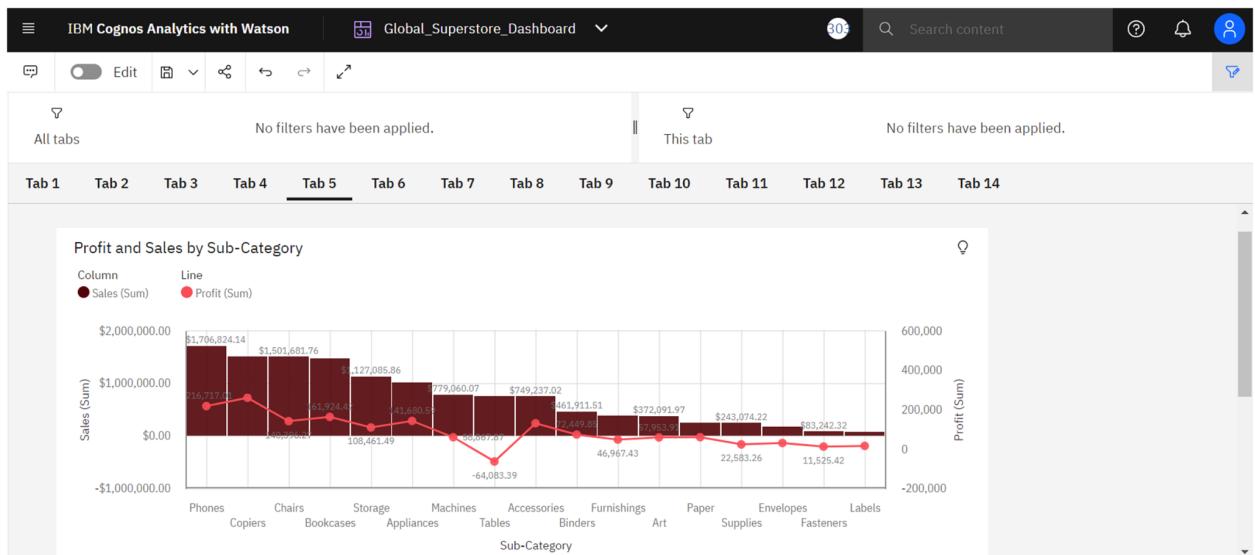
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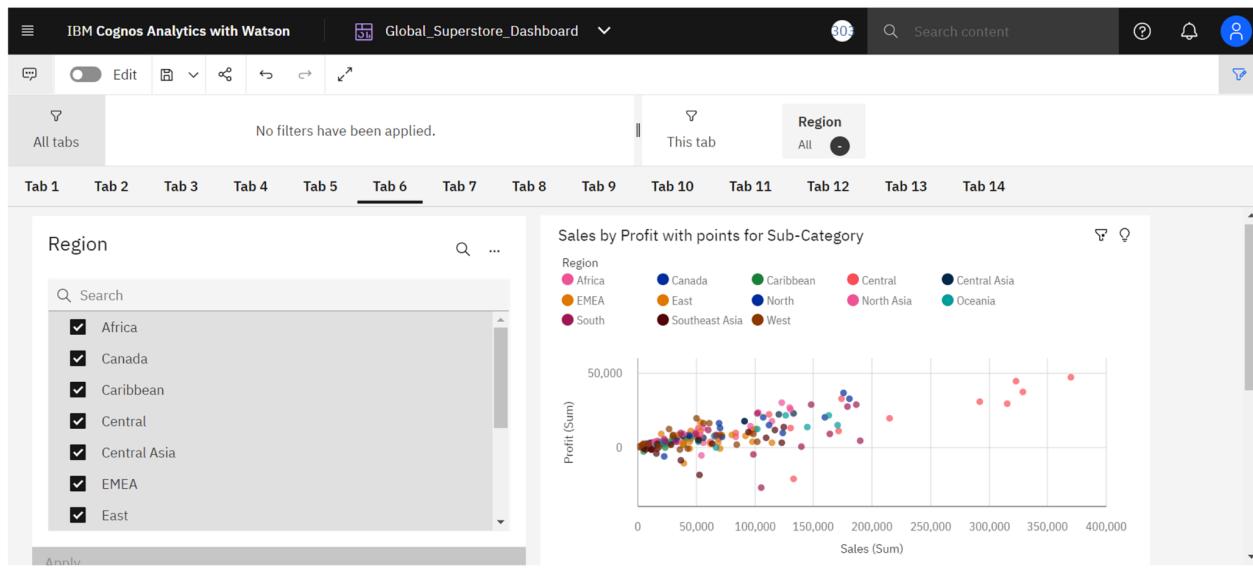
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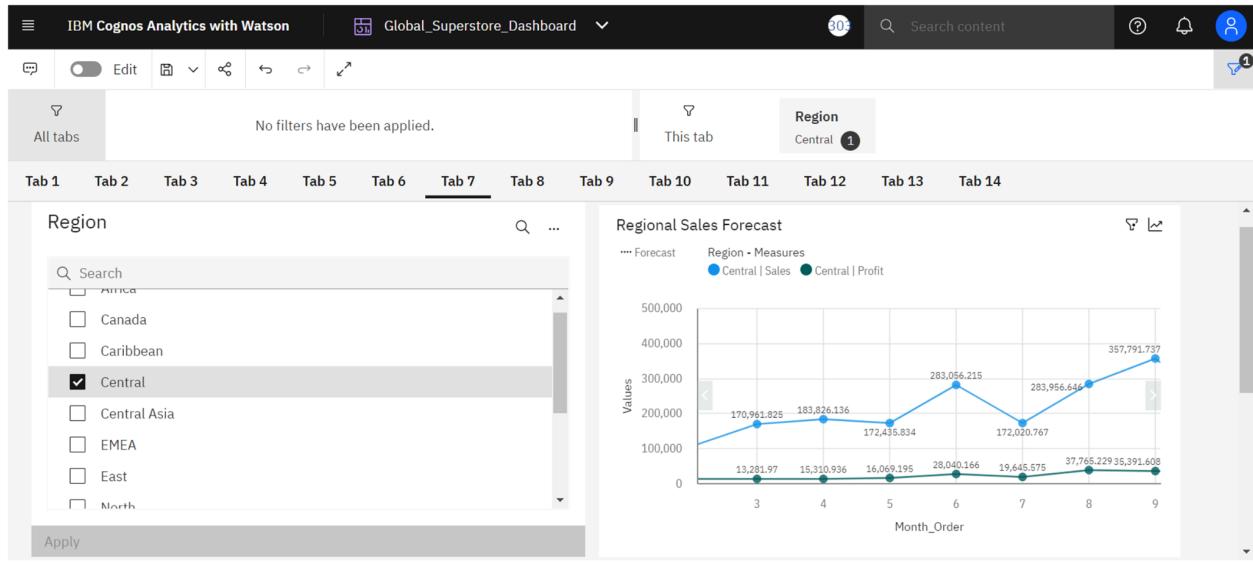
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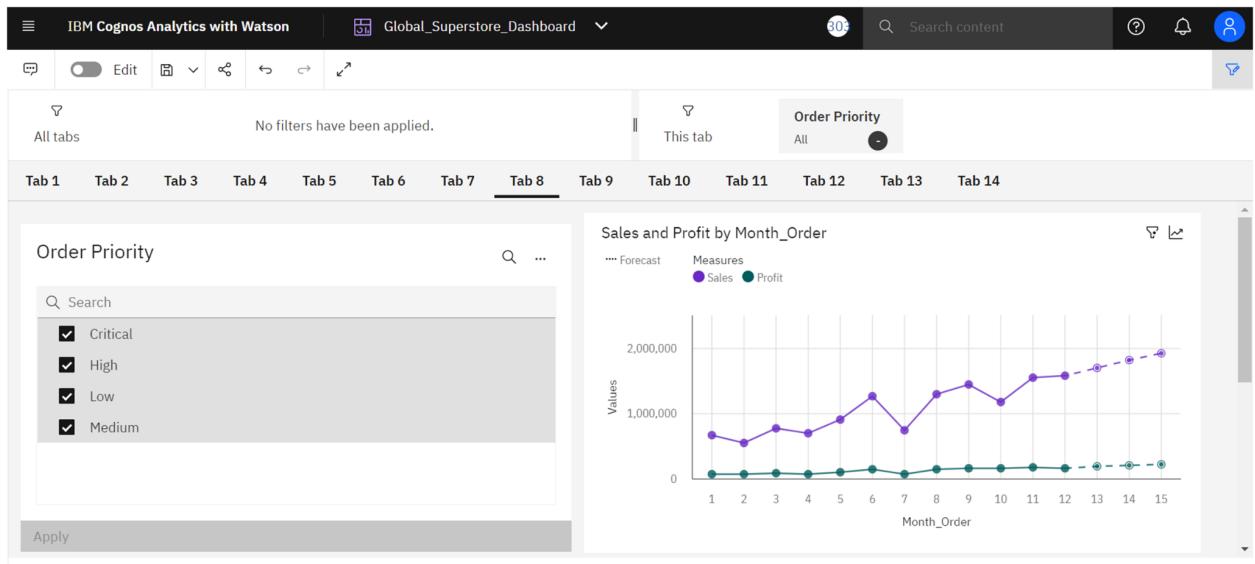
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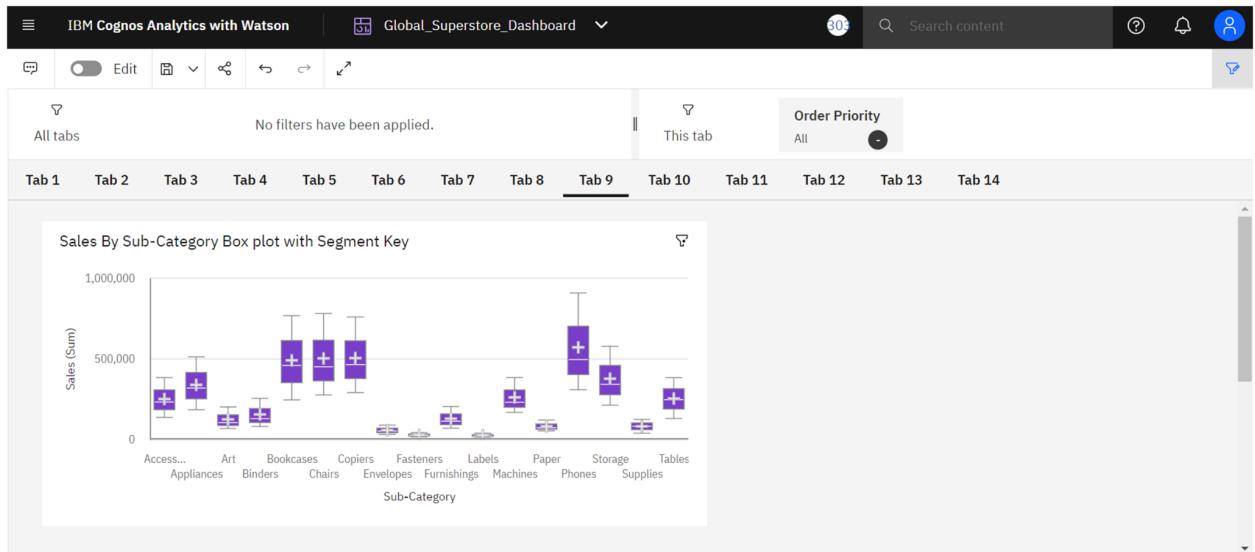
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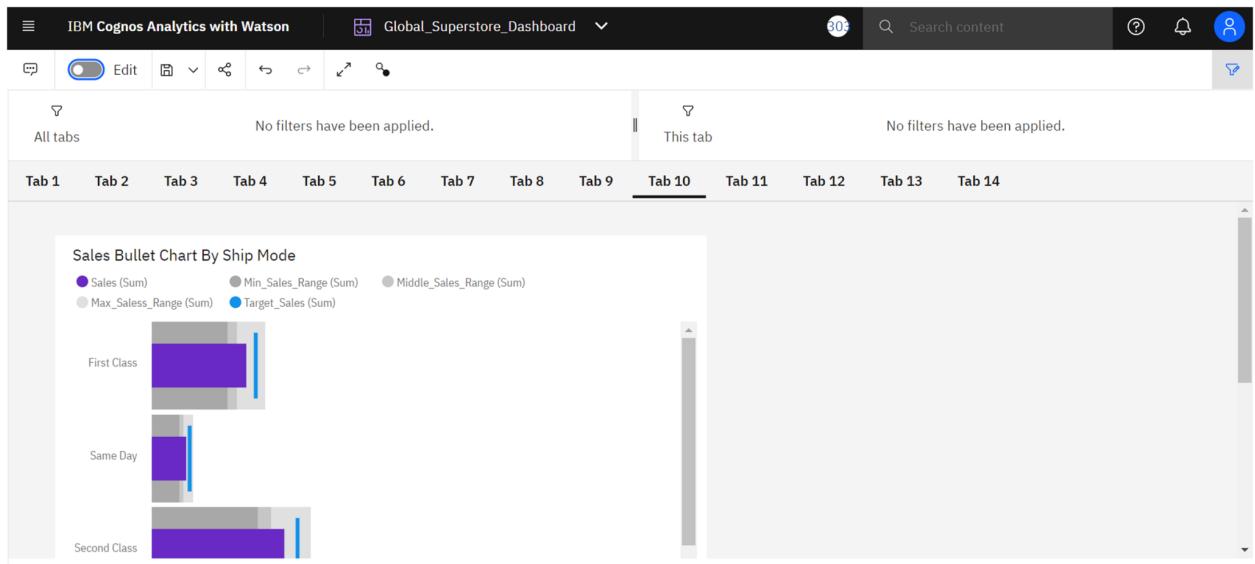
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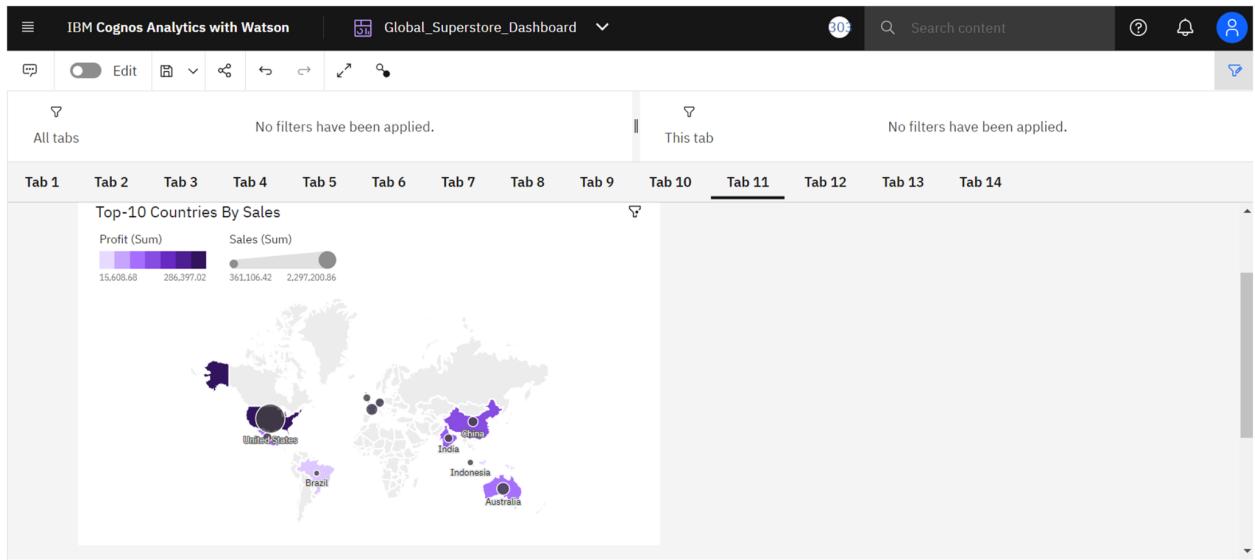
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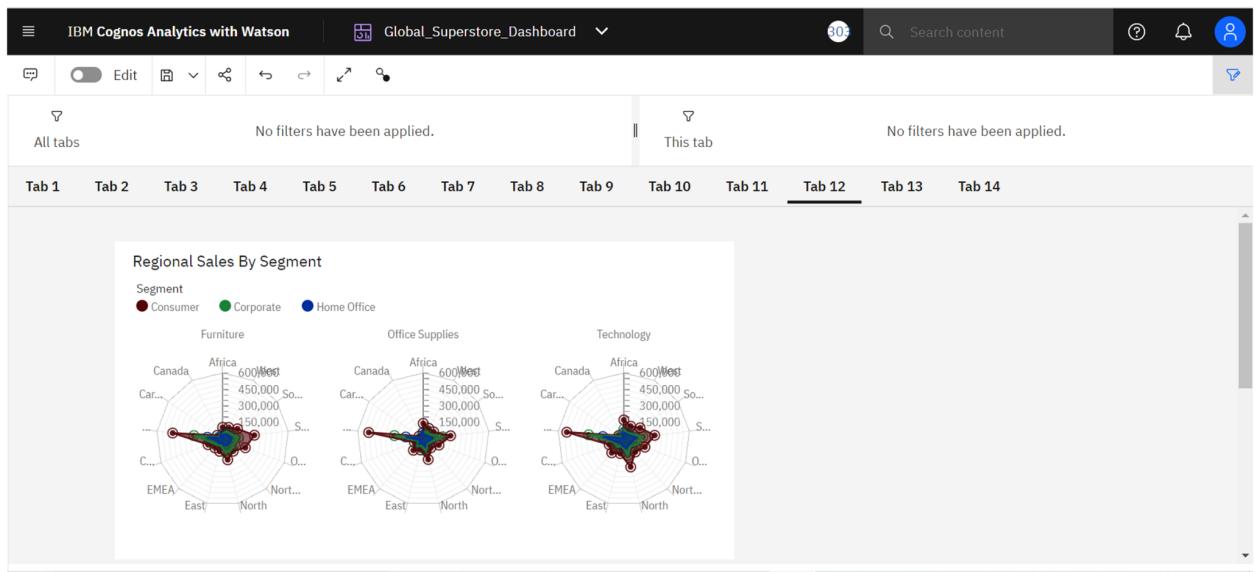
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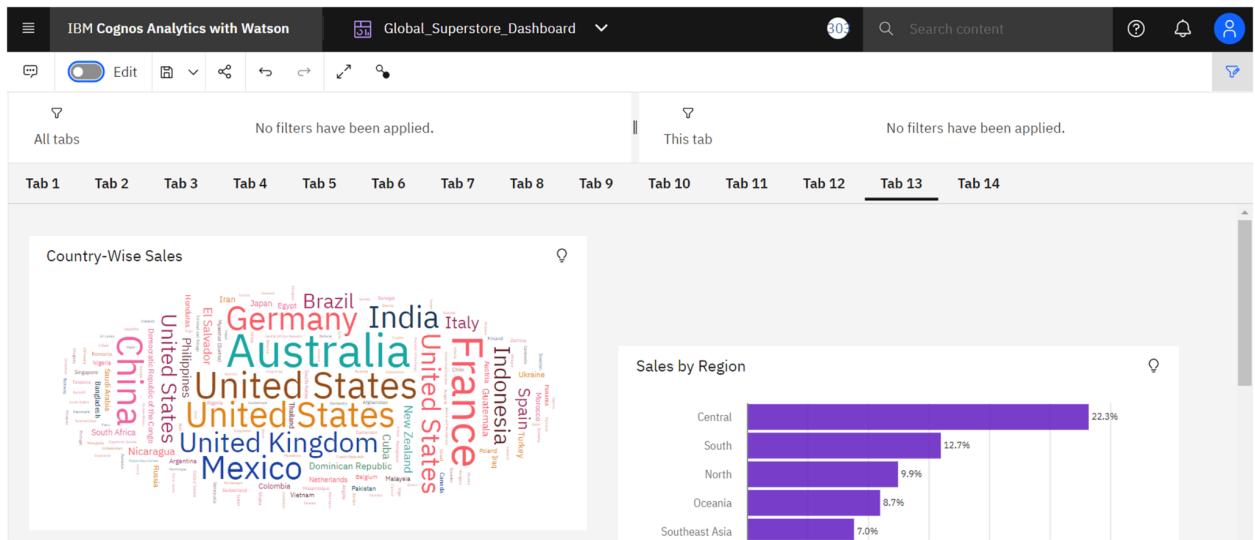
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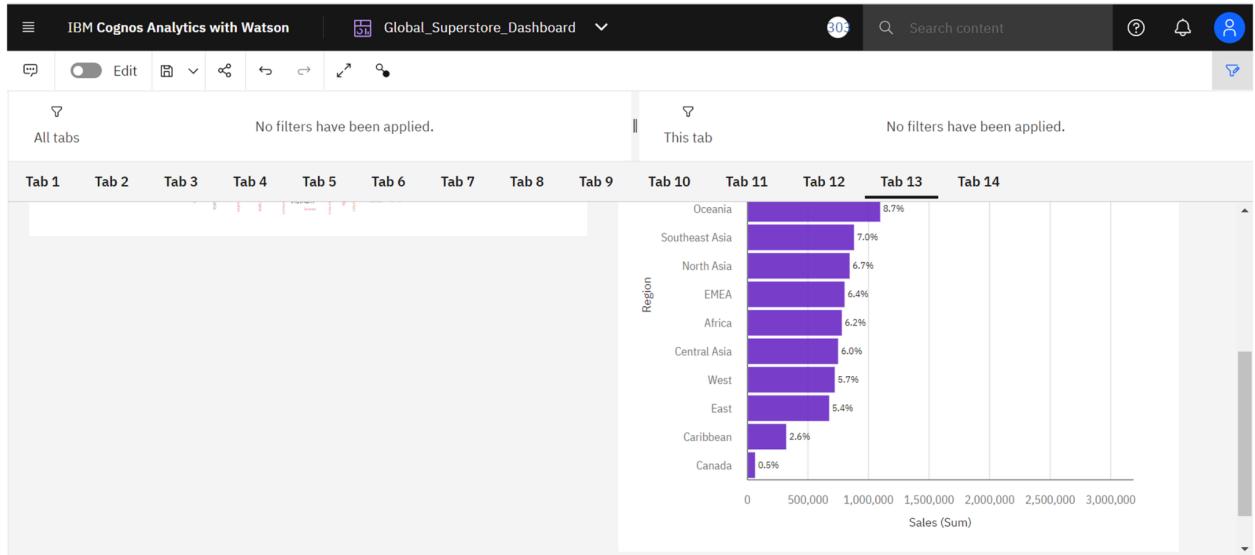


12.



13.





14.

