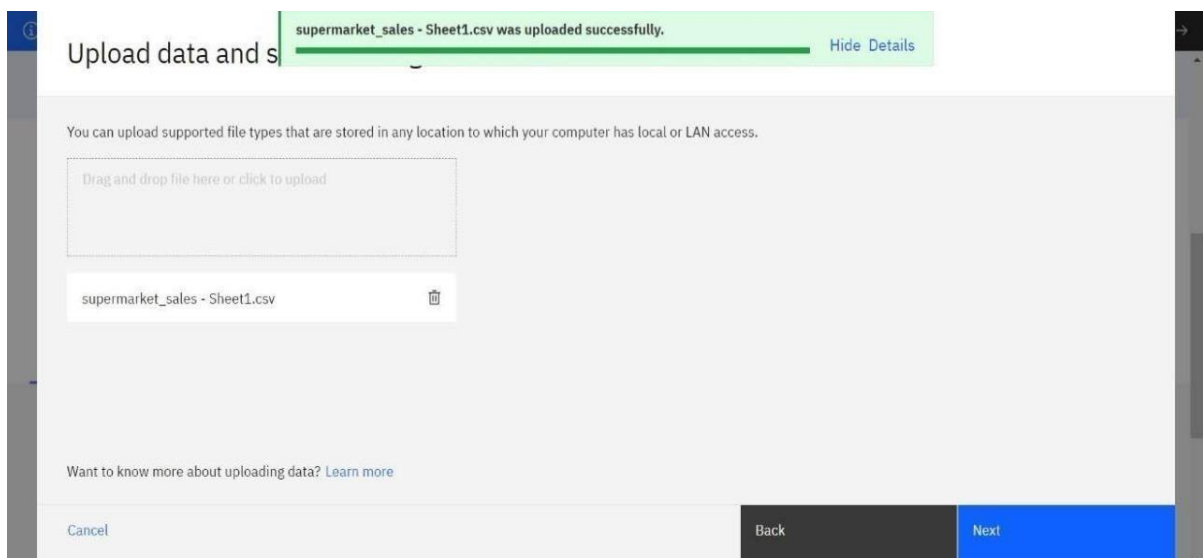
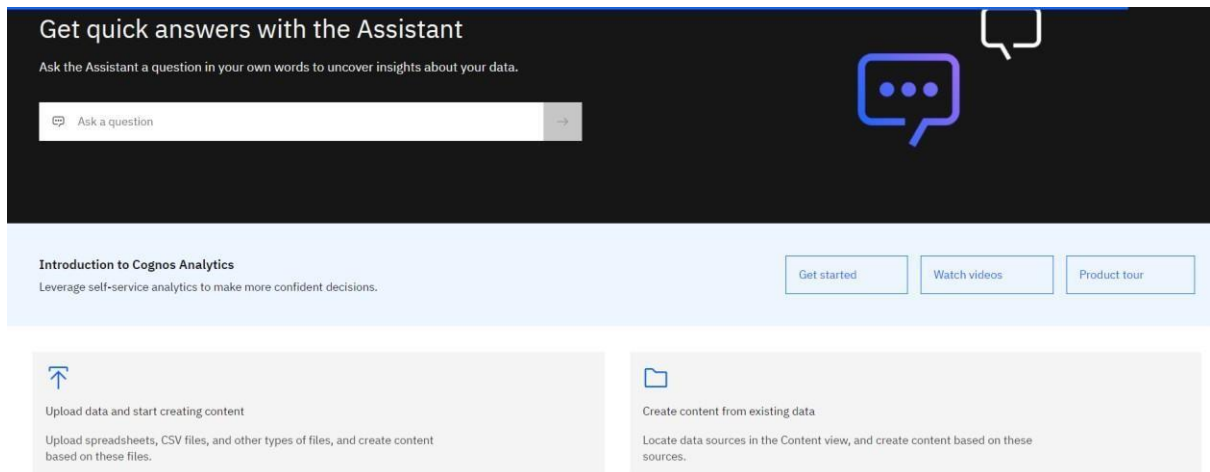


Data Analytics Assignment – 1

Supermarket sales

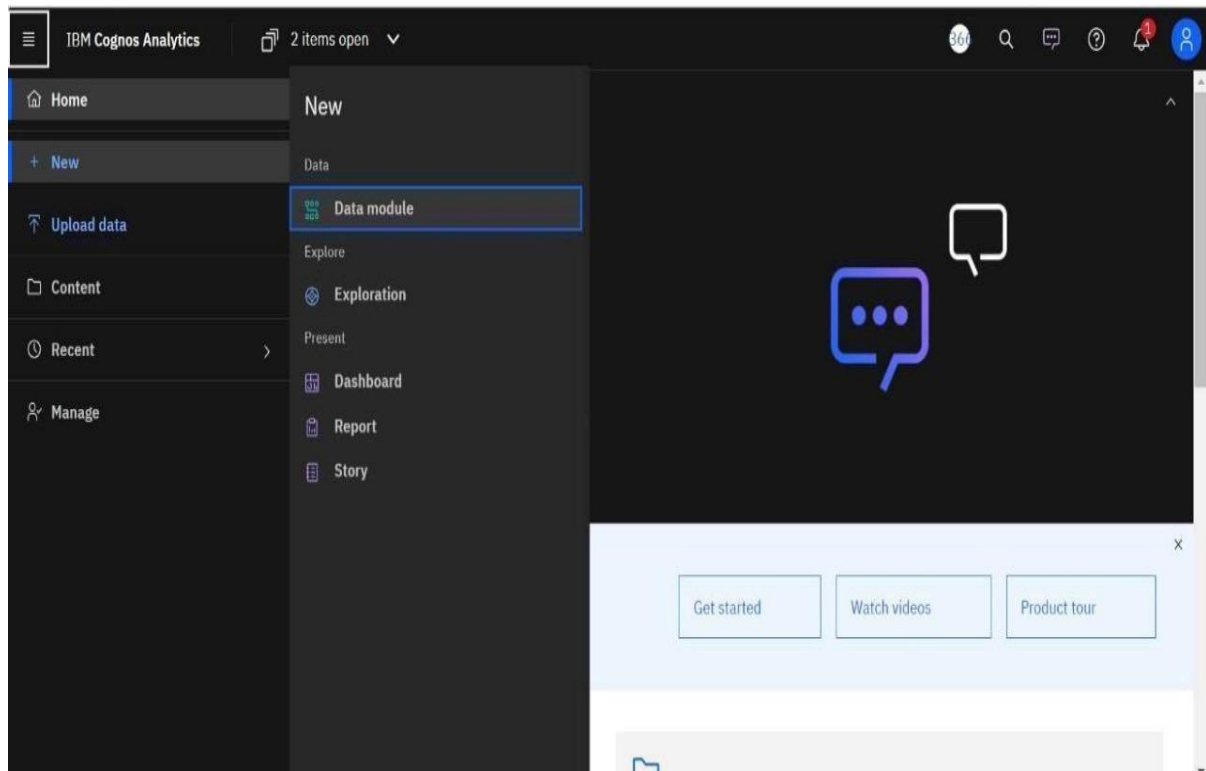
Task 1: Upload the Dataset to Cognos, Delete Unnecessary Columns.

Step 1 : Upload the DataSet



Step

2: Create DataModule



Step 3: Select the CSV file

Step

Select sources



4: Remove Unnecessary columns

Table name: supermarket_sales - Sheet1.csv - View (1)

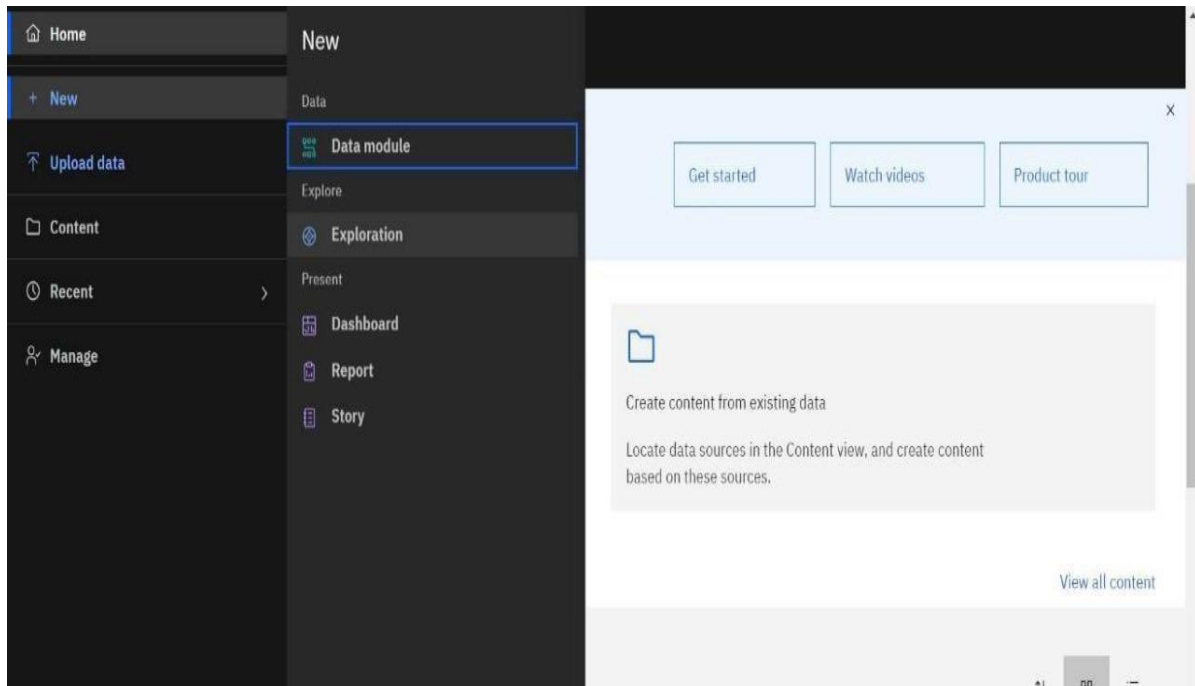
Reference tables	Invoice ID	Branch	City	Customer type	Gender	Product line	Unit price
Search	750-67-8428	A	Yangon	Member	Female	Health and beauty	
supermarket...Sheet1.csv	226-31-3081	C	Naypyitaw	Normal	Female	Electronic accessories	
# Row Id	631-41-3108	A	Yangon	Normal	Male	Home and lifestyle	
abc Invoice ID	123-19-1176	A	Yangon	Member	Male	Health and beauty	
abc Branch	373-73-7910	A	Yangon	Normal	Male	Sports and travel	
City	699-14-3026	C	Naypyitaw	Normal	Male	Electronic accessories	
Customer type	355-53-5943	A	Yangon	Member	Female	Electronic accessories	
Gender	315-22-5665	C	Naypyitaw	Normal	Female	Home and lifestyle	
Product line	665-32-9167	A	Yangon	Member	Female	Health and beauty	
Unit price	692-92-5582	B	Mandalay	Member	Female	Food and beverages	
Quantity	351-62-0822	B	Mandalay	Member	Female	Fashion accessories	
Tax 5%	529-56-3974	B	Mandalay	Member	Male	Electronic accessories	
Total							
Date							
Time							
Discount							

Previous Cancel Finish

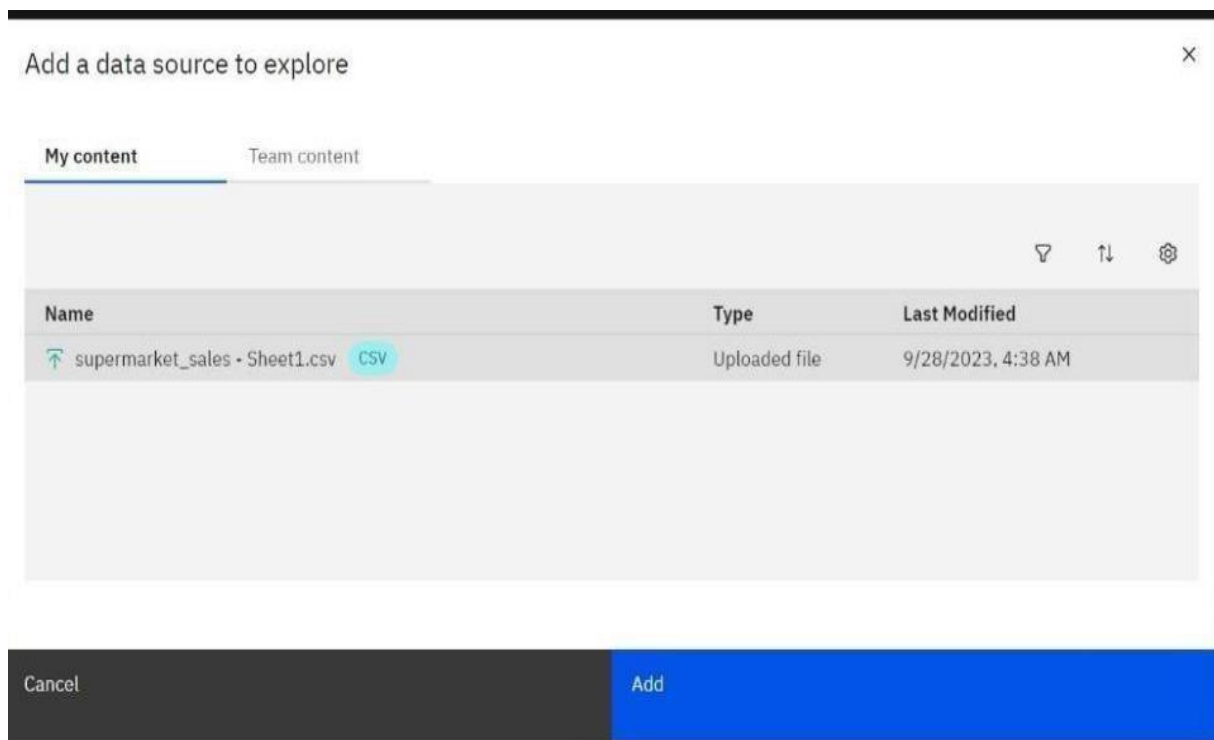
Task 2: Select the dataset to explore

Step

Step 1: Select the exploration



2: Select dataset to explore



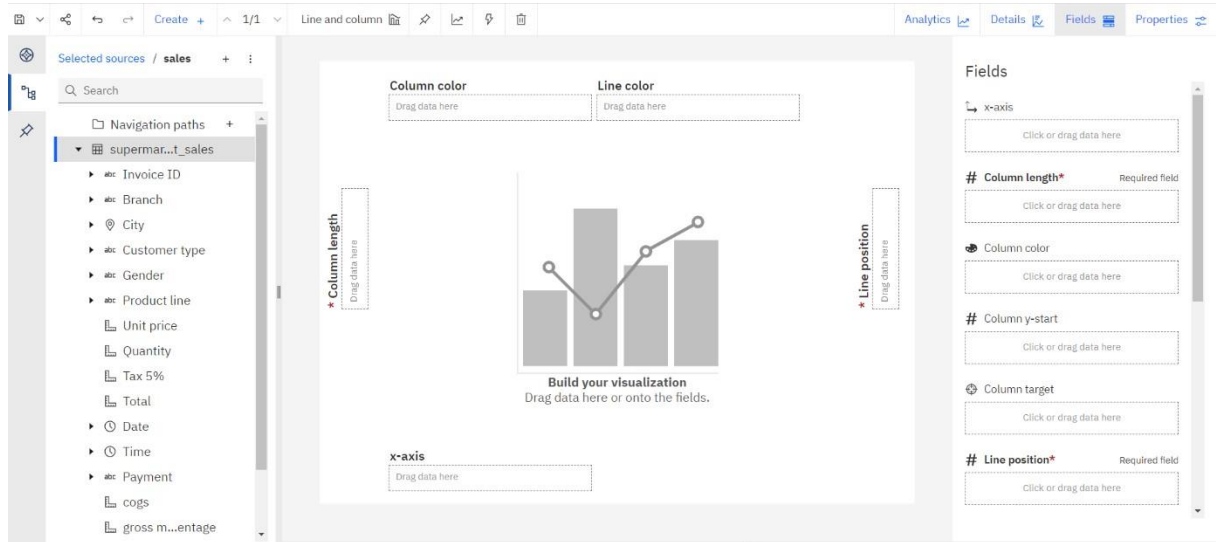
Step

Step 3: Explore the dataset



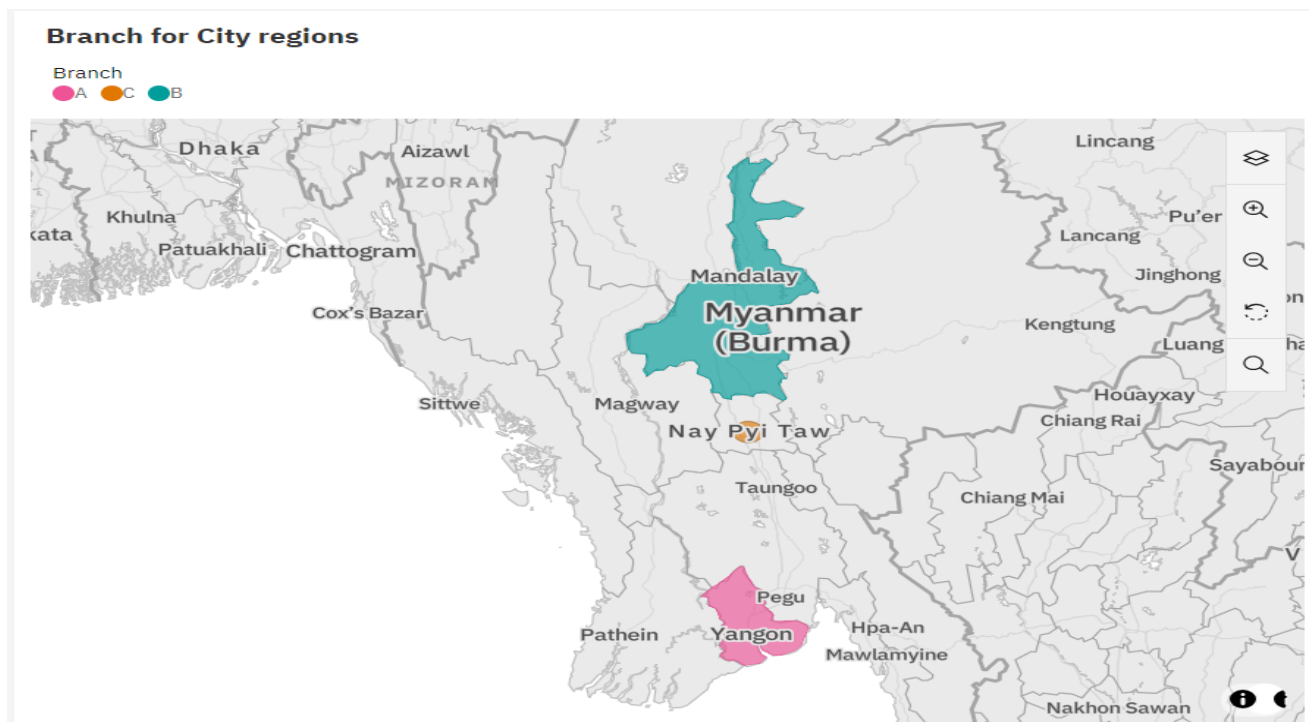
Task 3: Visualize the Data Set.

Step 1: Select Visualization type

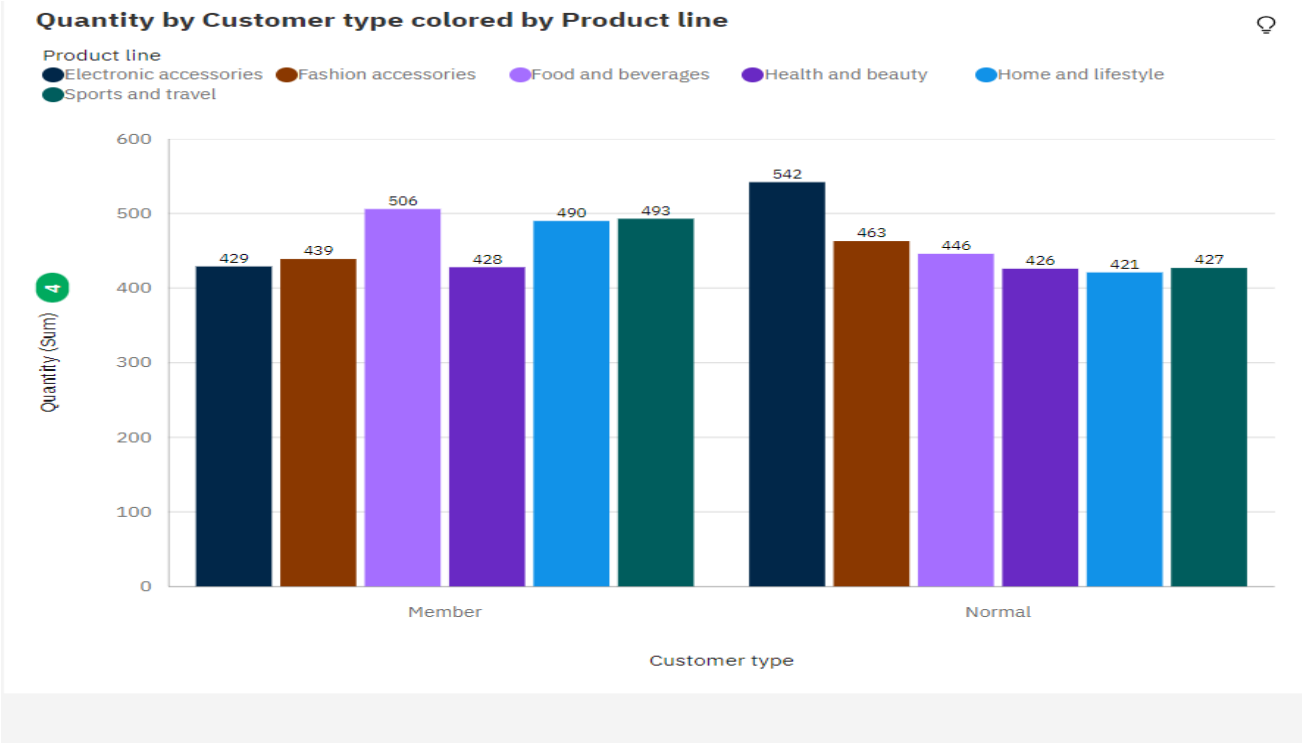


VISUALIZATIONS

Branch for city regions



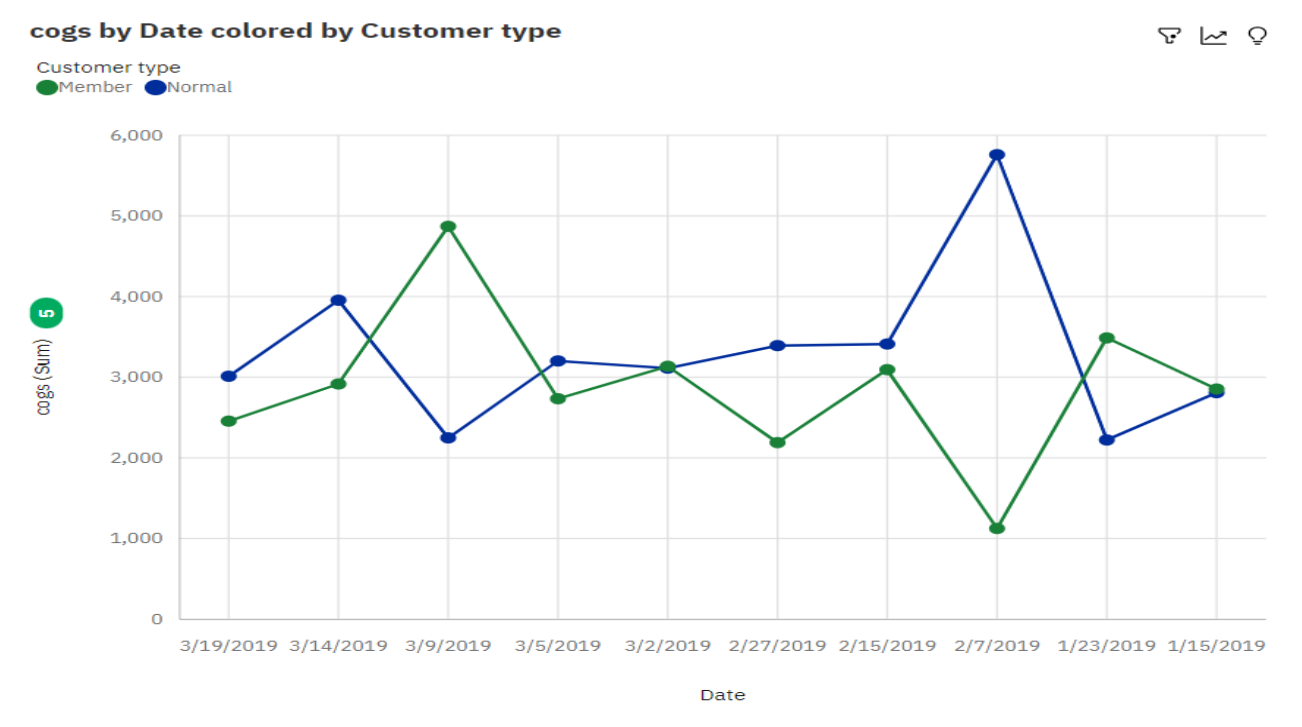
Quantity by customer type by product line



Customer type and gender

Customer type and Gender	
Customer type	Gender
Member	Female
	Male
Normal	Female
	Male

Cost of goods sold by data by customer type



Customer type and Tax 5%

Customer type and Tax 5% 5

Customer type	Tax 5%
Member	15.61
Normal	15.15
Summary	15.38

Gross margin percentage by Payment

gross margin percentage by Payment

