

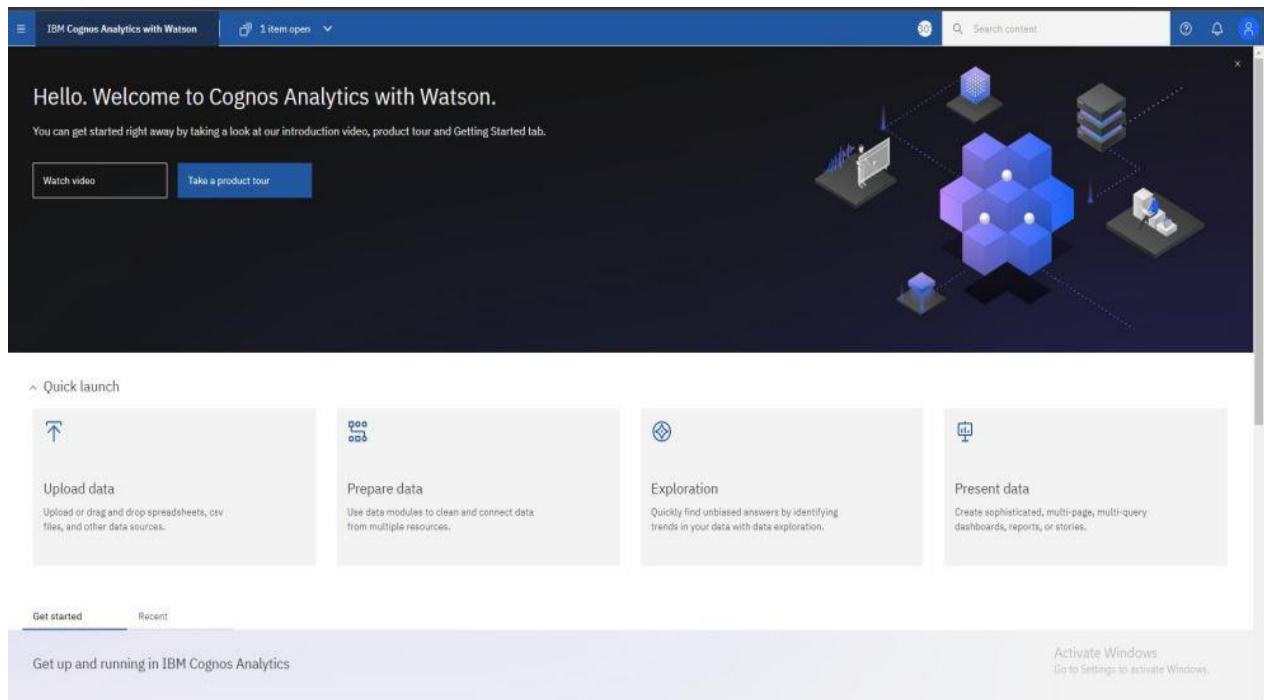
# PROJECT DEVELOPMENT PHASE

## DELIVERY OF SPRINT 2

Team ID	PNT2022TMID20435
Project Name	Global sales data Analytics

## DATA PREPARATION PHASE

### 1. Open IBM Cognos Dashboard



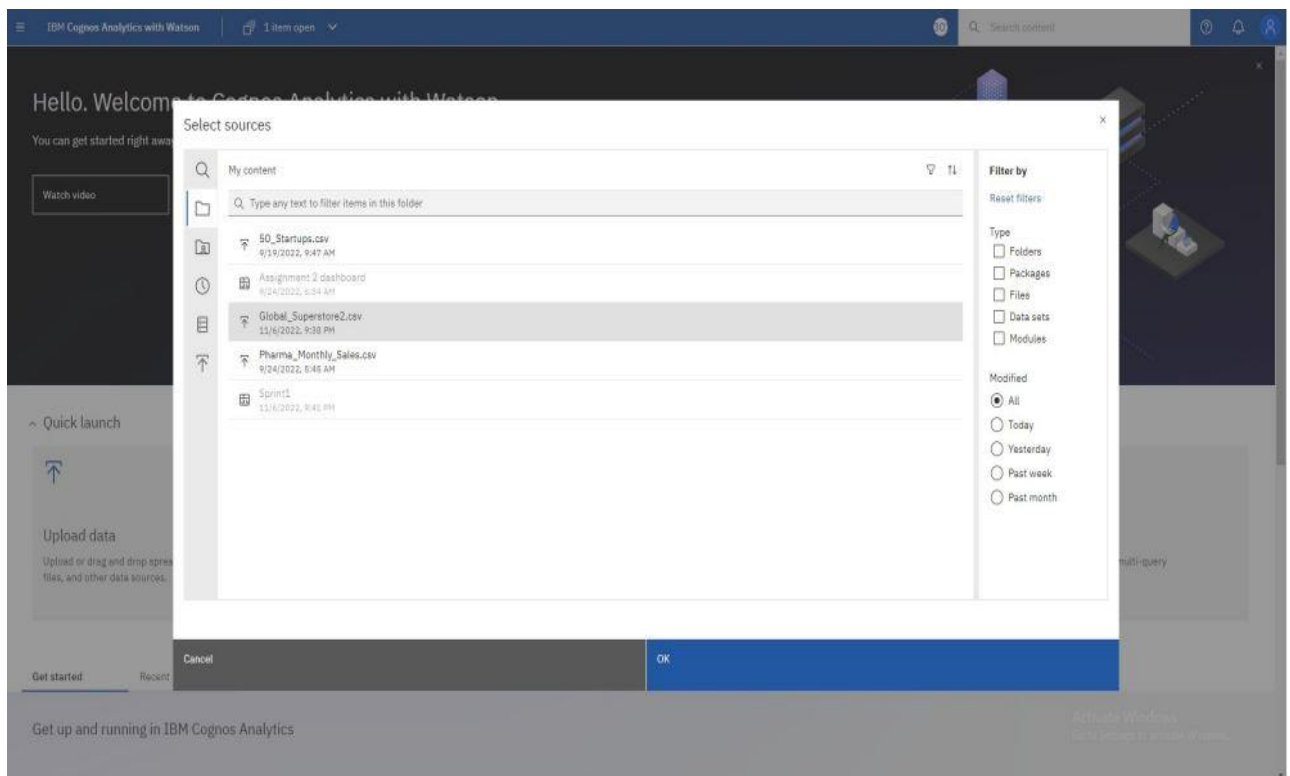
### Preparation phase:

We must prepare the dataset after it has been uploaded to the IBM Cognos dashboard. The process of preparing data involves cleaning it up, eliminating duplicate and null values, and organising it in a way that makes it easy to explore and analyse.

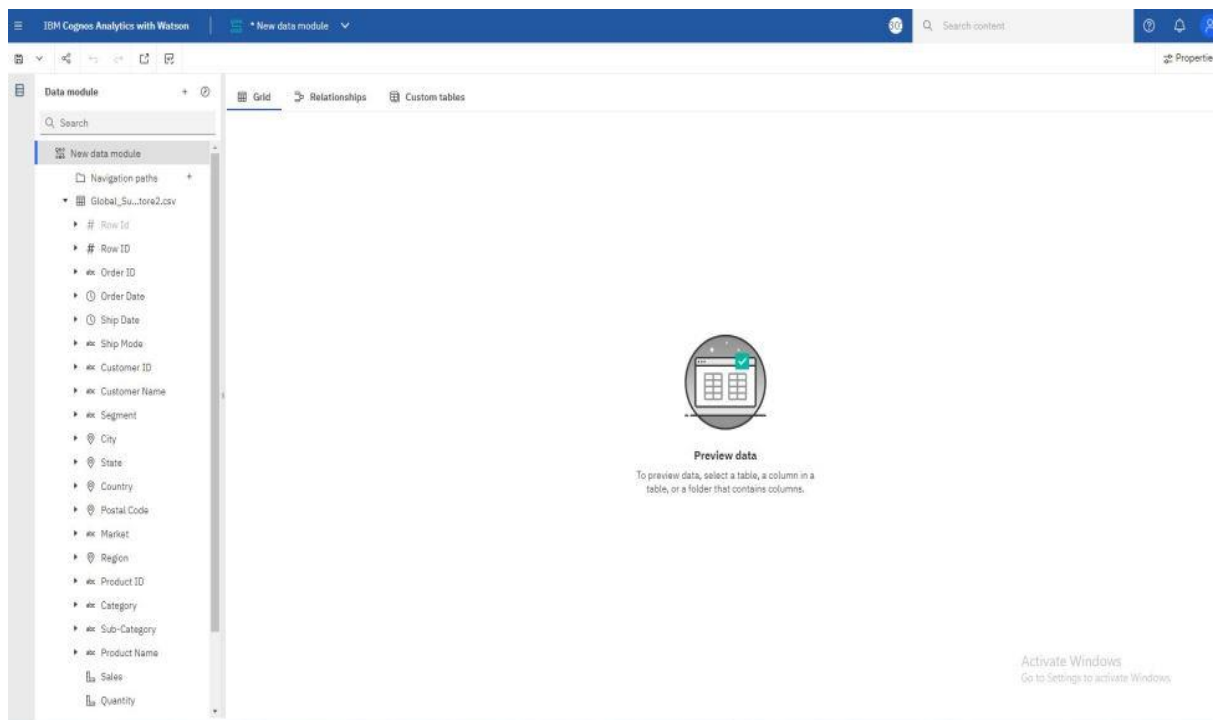
### 2. Click on the Prepare Data option



### 3. Now select the uploaded dataset from the menu



### 4. Exploring the Data modules



## 5. Understanding the Data

## 6. Filtering the data

Sort the data to meet your needs and eliminate any extraneous information.

IBM Cognos Analytics with Watson

New data module

Search content

Properties

Data module

Search

Load more...

Order ID

Order Date

Ship Date

Ship Mode

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

Grid

Relationships

Custom tables

T1	Category	Sub-Category	Product	Quantity	Discount	Profit	Shipping Cost	Order Priority
	Technology	Accessories	Plantion Over-the-mount Headset	7	0	762.1845	933.57	Critical
	Furniture	Chairs	Novime Leather	9	0.1	-288.765	923.63	Critical
	Technology	Phones	Nokia Smart Phone, with Call	9	0.1	919.971	915.49	Medium
	Technology	Phones	Motorola Cordless	5	0.1	-96.54	910.16	Medium
	Technology	Copiers	Sharp W High-Sp	8	0	311.52	903.04	Critical
	Technology	Phones	Samsung with Call	5	0.1	763.275	897.35	Critical
	Furniture	Chairs	Novime Leather Adjustable	4	0	564.84	894.77	Critical
	Furniture	Tables	Chromcraft Conference Table, Fully Assembled	5244.84	0	996.48	878.38	High
	Office Supplies	Binders	Fellowes PB500 Electric Punch Plastic Comb Binding Machine with Manual Bind	5083.96	0.2	1906.485	867.69	Low
	Furniture	Tables	Chromcraft Bull-Nose Wood Oval Conference Tables & Bases	4297.644	0.4	-1862.3124	865.74	Critical
	Office Supplies	Supplies	Martin Yale Chadless Opener Electric Letter Opener	4164.05	0	83.281	846.54	High
	Furniture	Tables	Bevis Conference Table, Fully Assembled	4626.15	0	647.55	835.57	High
	Technology	Phones	Cisco Smart Phone, with Caller ID	2616.96	0	1151.4	832.41	Critical
	Furniture	Chairs	Harbour Creations Executive Leather Armchair, Adjustable	2221.8	0	622.02	810.25	Critical
	Office Supplies	Binders	KitchenAid Microwave	17911.83	0	1014.98	804.64	Critical

Choose the required fields to be filtered.

IBM Cognos Analytics with Watson

New data module

Search content

Properties

Data module

Grid Relationships Custom tables

Search

Load more...

- Order ID
- Order Date
- Ship Date
- Ship Mode
- 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

T1	Region	Product ID	Category	Sub-Category	Product Name	Sales	Quantity	Discount	Profit
East	TE	TEC-CIS-10001859	Technology	Accessories	Plantion Over-the-mount Headset	7	0	762.1845	
Oceania	FB	TEC-CIS-10001859	Technology	Accessories	Plantion Over-the-mount Headset	9	0.1	-288.765	
Oceania	TE	TEC-CIS-10001859	Technology	Accessories	Plantion Over-the-mount Headset	9	0.1	919.971	
Central	TE	TEC-CIS-10001859	Technology	Accessories	Plantion Over-the-mount Headset	5	0.1	-96.54	
Africa	TE	TEC-CIS-10001859	Technology	Accessories	Plantion Over-the-mount Headset	8	0	311.52	
Oceania	TE	TEC-CIS-10001859	Technology	Accessories	Plantion Over-the-mount Headset	5	0.1	763.275	
Oceania	FU	FUR-TA-10001859	Furniture	Tables	Bevis Conference Table, Fully Assembled	4	0	564.84	
Oceania	FU	FUR-TA-10001859	Furniture	Tables	Bevis Conference Table, Fully Assembled	6	0	996.48	
West	OF	OFB-CH-10001859	Office	Chairs	Novime Leather Adjustable	5	0.2	1906.485	
South	FU	FUR-TA-10001859	Furniture	Tables	Bevis Conference Table, Fully Assembled	13	0.4	-1862.3124	
South	OF	OFB-CH-10001859	Office	Chairs	Novime Leather Adjustable	5	0	83.281	
Central Asia	FUR-TA-10001859	Furniture	Tables	Bevis Conference Table, Fully Assembled	4626.15	5	0	647.55	
EMEA	TEC-CIS-10001859	Technology	Phones	Cisco Smart Phone, with Caller ID	2616.96	4	0	1151.4	
South	FUR-CH-10002033	Furniture	Chairs	Harbour Creations Executive Leather Armchair, Adjustable	2221.8	7	0	622.02	
North Asia	OFB-CH-10001859	Office	Chairs	Novime Leather Adjustable	17911.83	13	0	1014.98	

Filter - Region

Add a filter condition +

Search

- ☐ Africa
- ☒ Canada
- ☐ Caribbean
- ☐ Central
- ☐ Central Asia
- ☐ EMEA
- ☐ East
- ☐ North

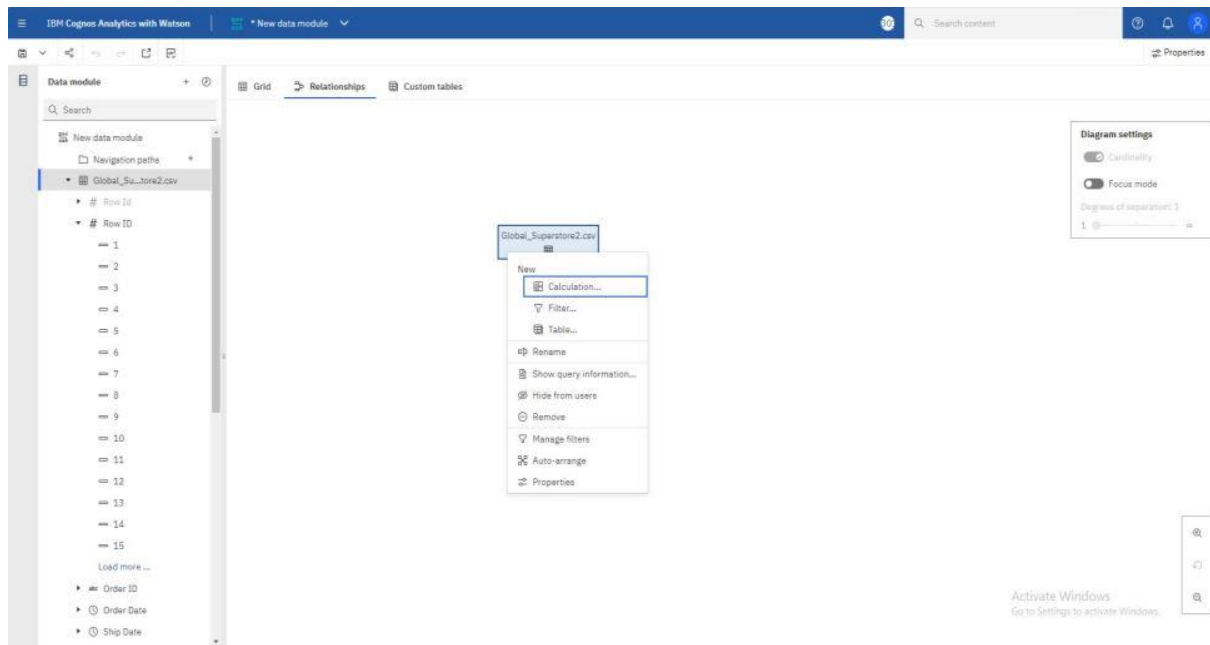
Clear all

Invert

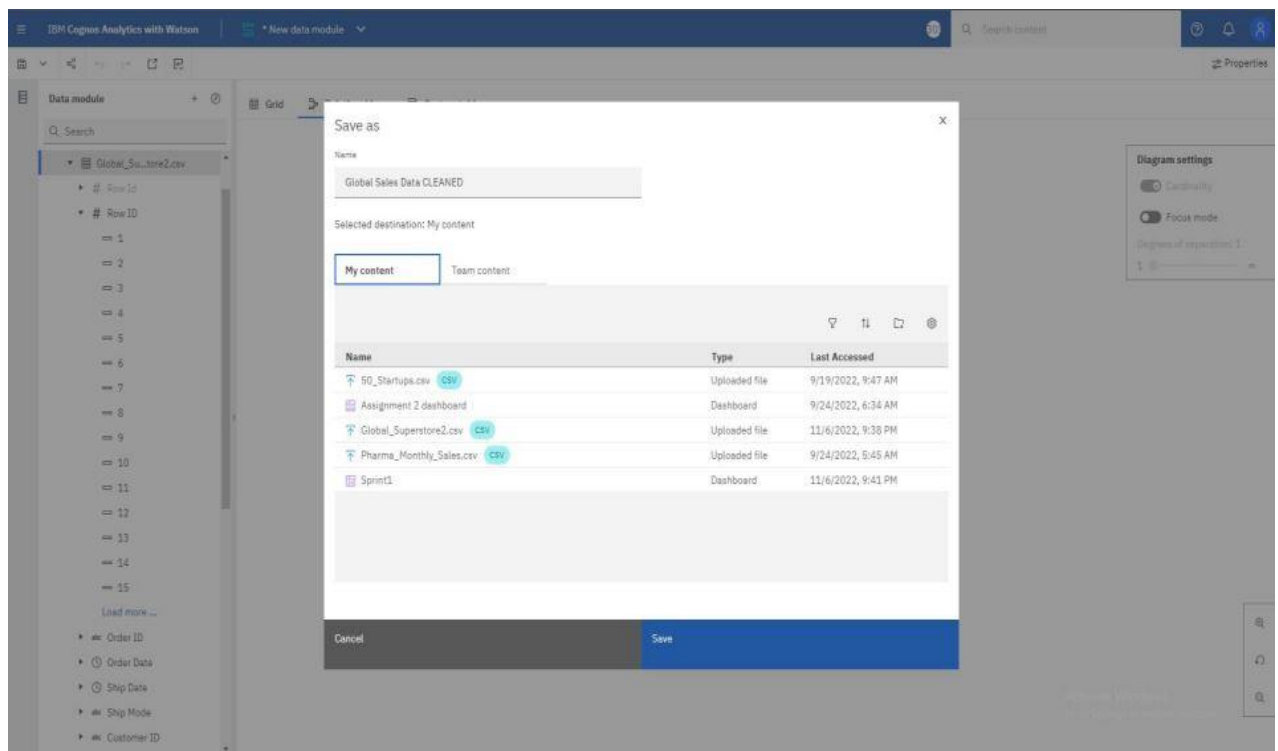
Select 'Refresh members' in the data tree to view the effect of the filter on members in the tree.

Cancel OK

## 7. Creating Relationships among the data

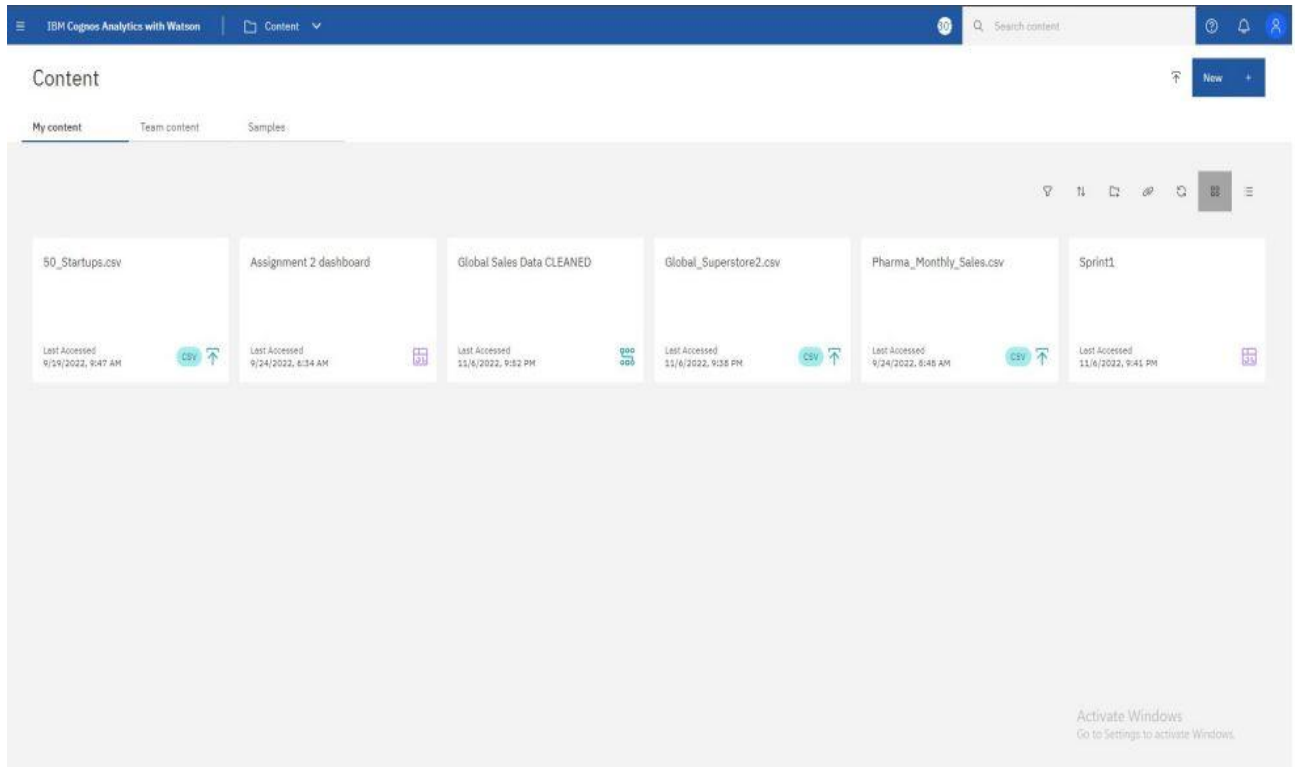


## 8. Save the dataset after preparing the data



## 9. Open “Content” from the menu bar

You can access the uploaded and stored data here.



## DATA EXPLORATION PHASE

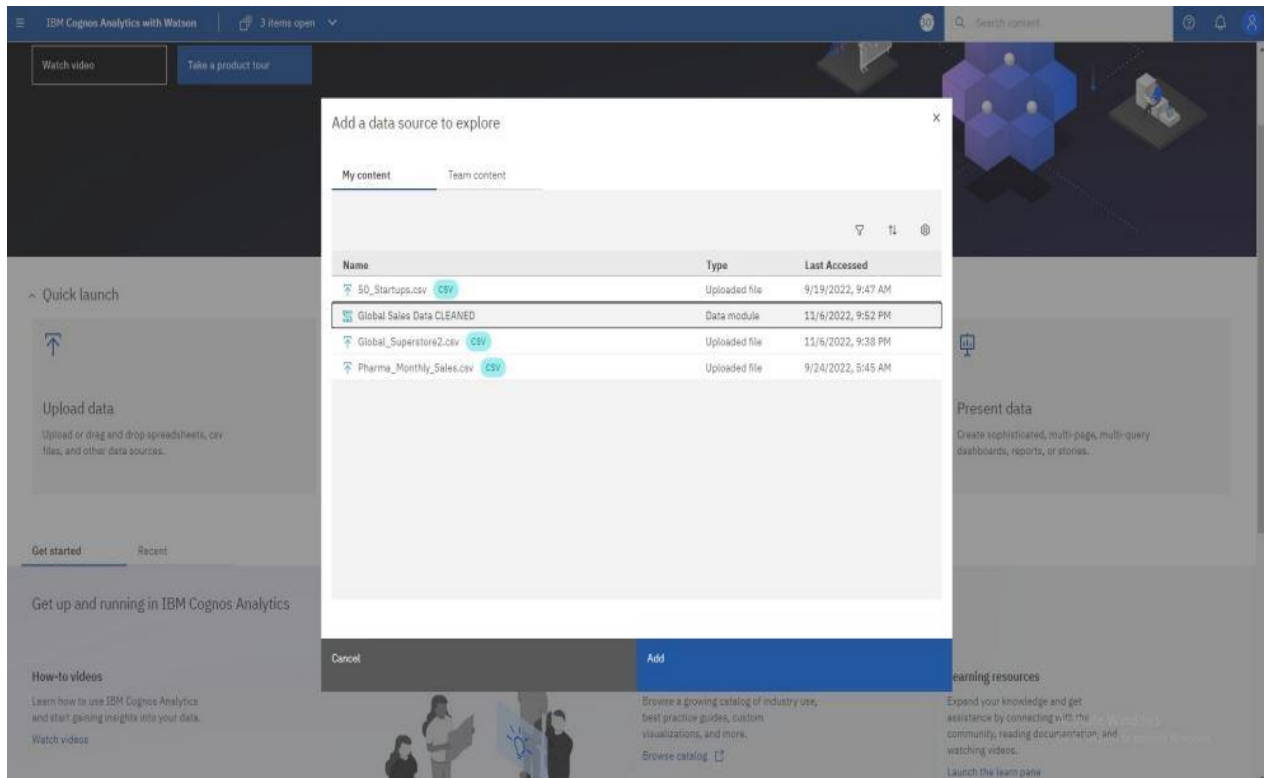
### 10. Data Exploration

To analyse the information, select the Exploration option.

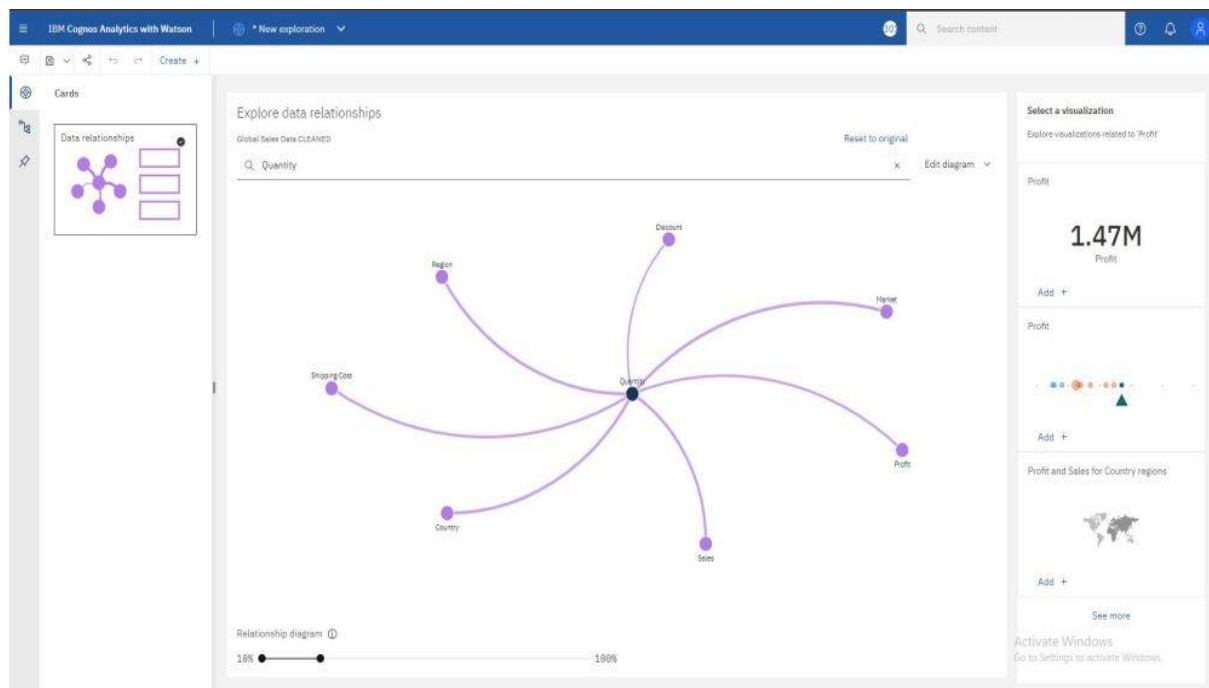


### 11. Select the Data to be explored

To begin browsing the cleaned and prepared data, choose "My Content" from the menu.



## 12. Start exploring the data and create relationships among the data



## 13. Save the exploration

IBM Cognos Analytics with Watson

New exploration

Search content

Cards

Data relationships

Explore data

Global Sales Data CLE

Quantity

Save as

Name

Sprint1 exploration

Selected destination: My content

My content

Team content

Name	Type	Last Accessed
50_Startups.csv	Uploaded file	9/19/2022, 9:47 AM
Assignment 2 dashboard	Dashboard	9/24/2022, 6:34 AM
Global Sales Data CLEANED	Data module	11/6/2022, 9:52 PM
Global_Superstore2.csv	Uploaded file	11/6/2022, 9:38 PM
Pharma_Monthly_Sales.csv	Uploaded file	9/24/2022, 5:45 AM
Sprint1	Dashboard	11/6/2022, 9:41 PM

Cancel

Save

Select a visualization

Explore visualizations related to 'Profit'

Profit

1.47M

Profit

Add +

Profit

Add +

Profit and Sales for Country regions

Add +

See more

Relationship diagram

16%

100%