

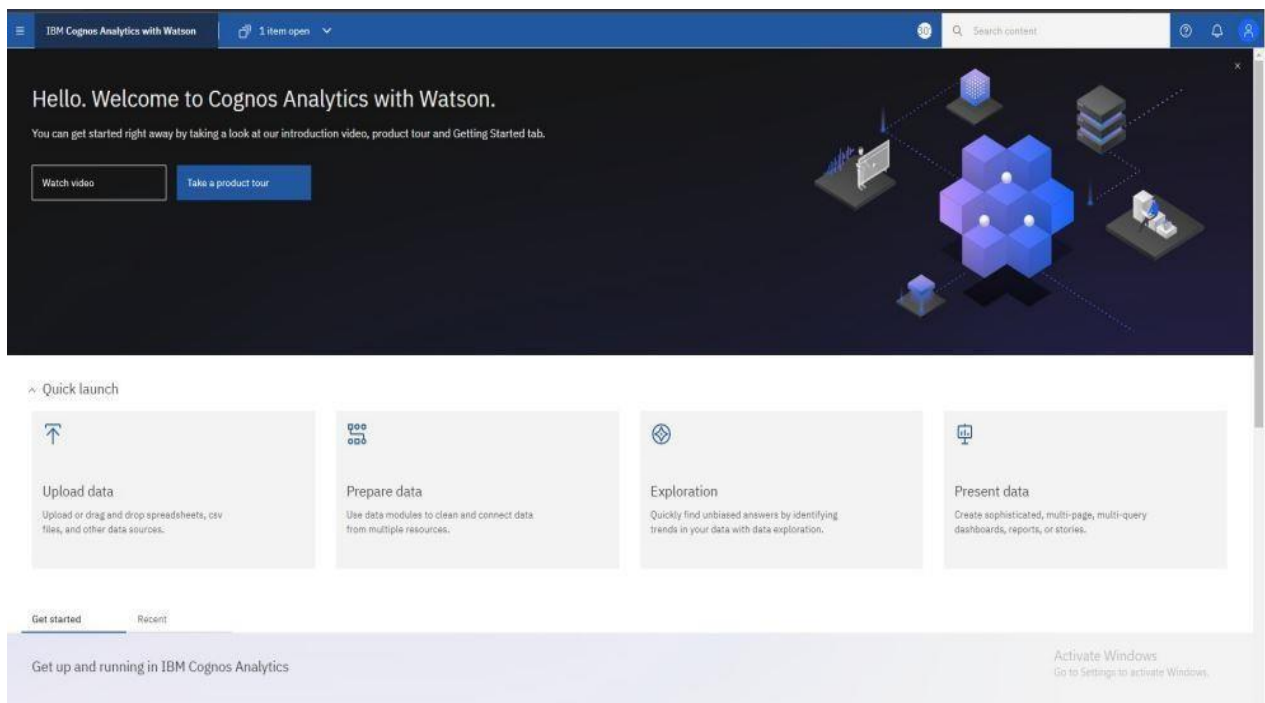
# PROJECT DEVELOPMENT PHASE

## DELIVERY OF SPRINT 2

Team ID	PNT2022TMID02361
Project Name	Global sales data Analytics

## DATA PREPARATION PHASE

### 1. Open IBM Cognos Dashboard



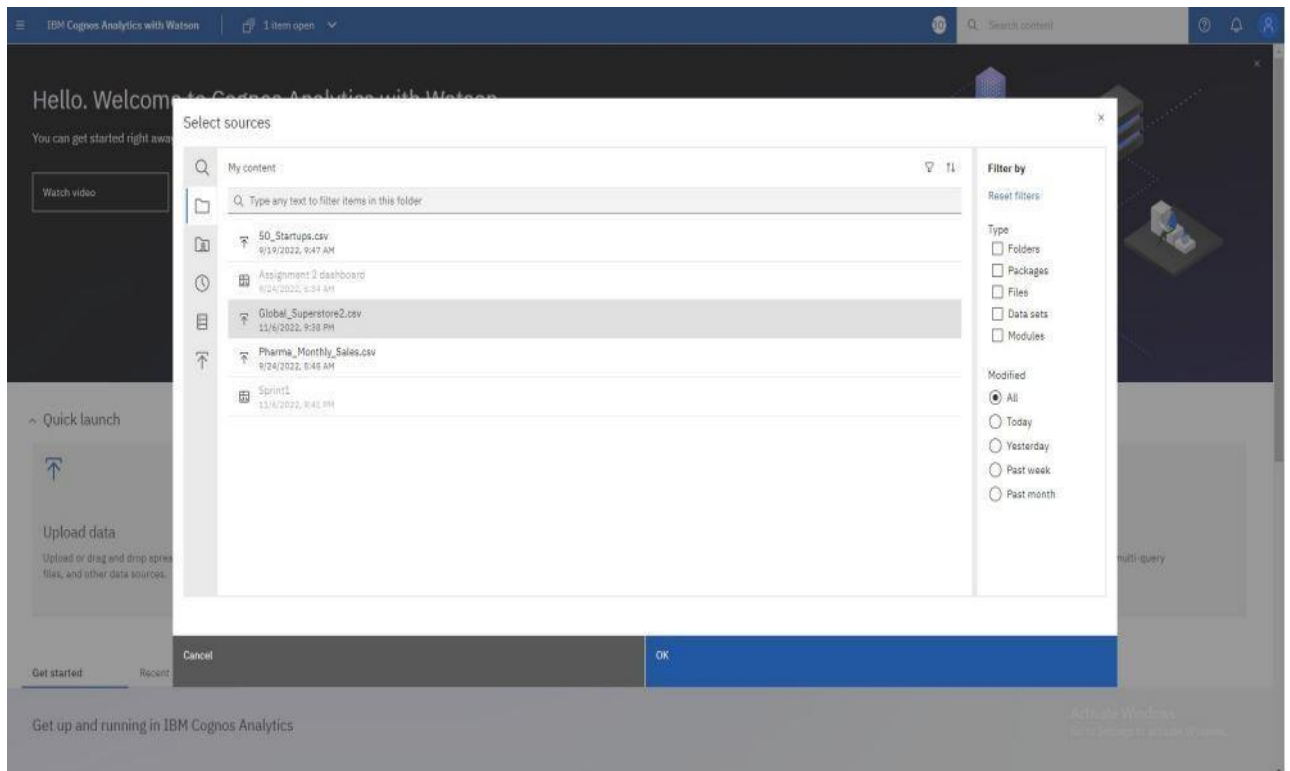
### Preparation phase:

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.

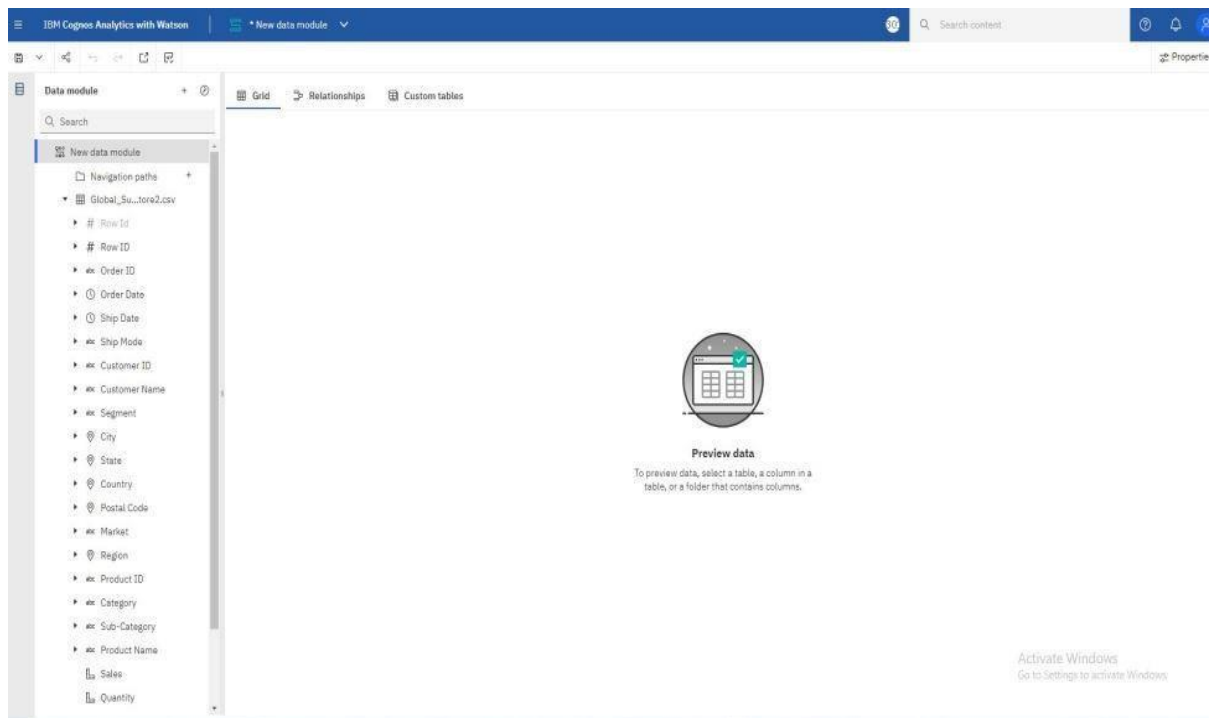
### 2. Click on the Prepare Data option



### 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.

The screenshot shows the IBM Cognos Analytics with Watson interface. The 'Data module' pane on the left lists various fields including 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, and Order Priority. The main grid displays data with columns: T1, category, Sub-Category, Product, Quantity, Discount, Profit, Shipping Cost, and Order Priority. A context menu is open over the 'Product' column, showing options like 'Filter...', 'Create data group...', 'Create navigation path...', 'Split...', 'Hide from users', 'Remove', 'Format data...', 'Clean...', 'Sort descending', 'Sort ascending', and 'Properties'.

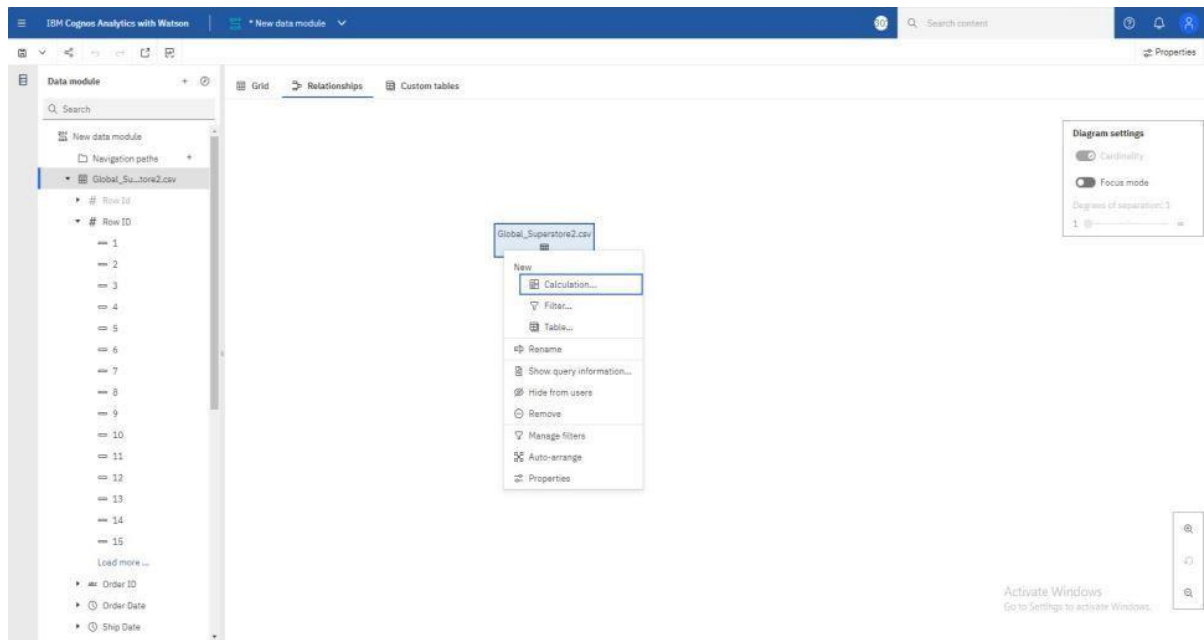
T1	category	Sub-Category	Product	Quantity	Discount	Profit	Shipping Cost	Order Priority
	Technology	Accessories	Plantronics Over-the-ear Headset	7	0	762.1845	933.57	Critical
	Furniture	Chairs	Novime Leather	9	0.1	-288.765	923.63	Critical
	Technology	Phones	Nokia Smart Phone with Call	9	0.1	919.971	915.49	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	6	0	996.48	878.38	High
	Office Supplies	Binders	Fellowes PB500 Electric Punch Plastic Comb Binding Machine with Manual Bind	5	0.2	1906.485	867.69	Low
	Furniture	Tables	Chromcraft Bull-Nose Wood Oval Conference Tables & Bases	13	0.4	-1862.3124	865.74	Critical
	Office Supplies	Supplies	Martin Yale Chadless Opener Electric Letter Opener	5	0	83.281	846.54	High
	Furniture	Tables	Bevis Conference Table, Fully Assembled	5	0	647.55	835.57	High
	Technology	Phones	Cisco Smart Phone, with Caller ID	4	0	1151.4	832.41	Critical
	Furniture	Chairs	Harbour Creations Executive Leather Armchair, Adjustable	7	0	622.02	810.25	Critical
	Office Supplies	Small Appliances	KitchenAid Microwave	11	0	1016.08	805.64	Pending

Choose the required fields to be filtered.

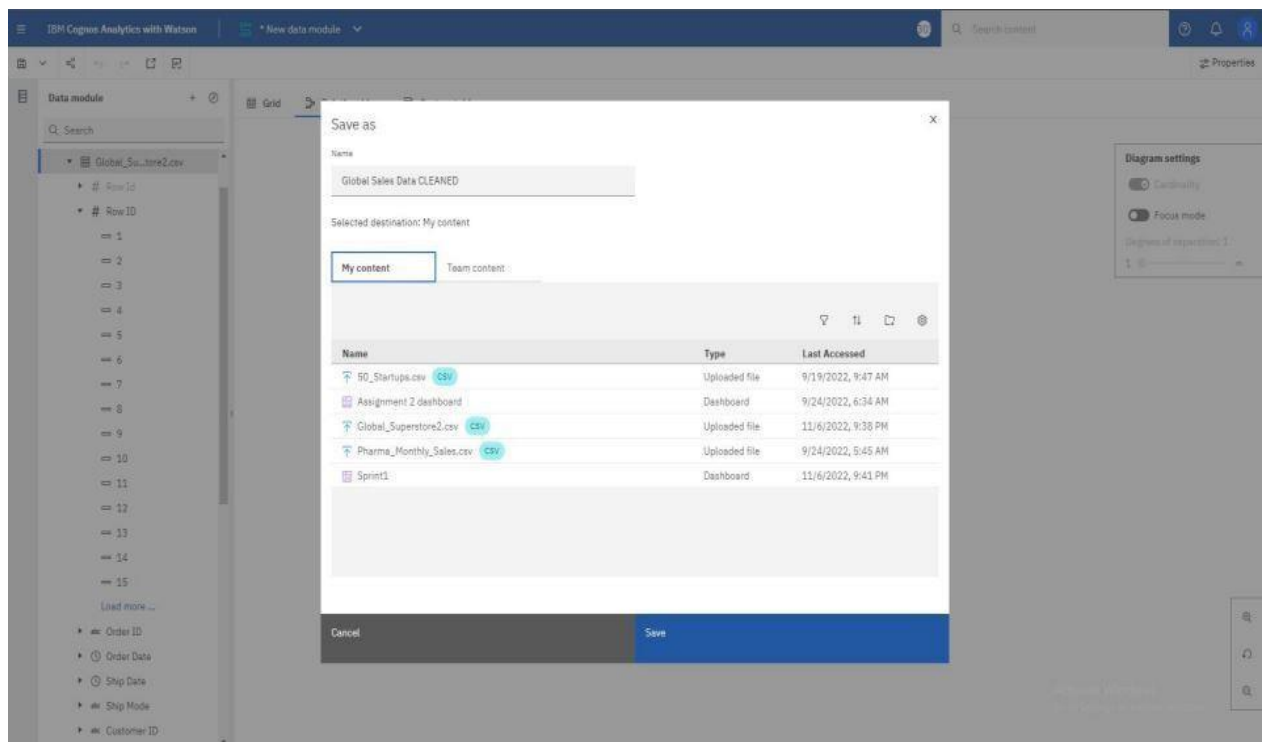
The screenshot shows the IBM Cognos Analytics with Watson interface. The 'Data module' pane on the left lists various fields including Order ID, Order Date, Ship Date, Ship Mode, Customer ID, Customer Name, Segment, City, State, Country, Postal Code, Market, Region, Product ID, Category, Sub-Category, Product Name, Sales, Quantity, Discount, Profit, Shipping Cost, and Order Priority. The main grid displays data with columns: T1, Region, Product ID, Category, Sub-Category, Product Name, Sales, Quantity, Discount, and Profit. A 'Filter - Region' dialog box is open, showing a list of regions with 'Canada' selected. The dialog box also includes a search bar, a list of regions, a 'Clear all' button, an 'Invert' button, and 'Cancel' and 'OK' buttons.

T1	Region	Product ID	Category	Sub-Category	Product Name	Sales	Quantity	Discount	Profit
	East	TEC-CIS-10001809	Technology	Accessories	Plantronics Over-the-ear Headset	762.1845	7	0	762.1845
	Oceania	FUR-TA-10001809	Furniture	Tables	Chromcraft Conference Table, Fully Assembled	996.48	6	0	996.48
	Oceania	TEC-CIS-10001717	Technology	Phones	Cisco Smart Phone, with Caller ID	1151.4	4	0	1151.4
	Central	FUR-CH-10002033	Furniture	Chairs	Harbour Creations Executive Leather Armchair, Adjustable	622.02	7	0	622.02
	Africa	TEC-CIS-10001809	Technology	Accessories	Plantronics Over-the-ear Headset	762.1845	7	0	762.1845
	Oceania	FUR-TA-10001809	Furniture	Tables	Chromcraft Conference Table, Fully Assembled	996.48	6	0	996.48
	Oceania	TEC-CIS-10001717	Technology	Phones	Cisco Smart Phone, with Caller ID	1151.4	4	0	1151.4
	Oceania	FUR-CH-10002033	Furniture	Chairs	Harbour Creations Executive Leather Armchair, Adjustable	622.02	7	0	622.02
	West	TEC-CIS-10001809	Technology	Accessories	Plantronics Over-the-ear Headset	762.1845	7	0	762.1845
	South	FUR-TA-10001809	Furniture	Tables	Chromcraft Conference Table, Fully Assembled	996.48	6	0	996.48
	South	TEC-CIS-10001717	Technology	Phones	Cisco Smart Phone, with Caller ID	1151.4	4	0	1151.4
	South	FUR-CH-10002033	Furniture	Chairs	Harbour Creations Executive Leather Armchair, Adjustable	622.02	7	0	622.02
	North Asia	TEC-CIS-10001809	Technology	Accessories	Plantronics Over-the-ear Headset	762.1845	7	0	762.1845

## 7. Creating Relationships among the data

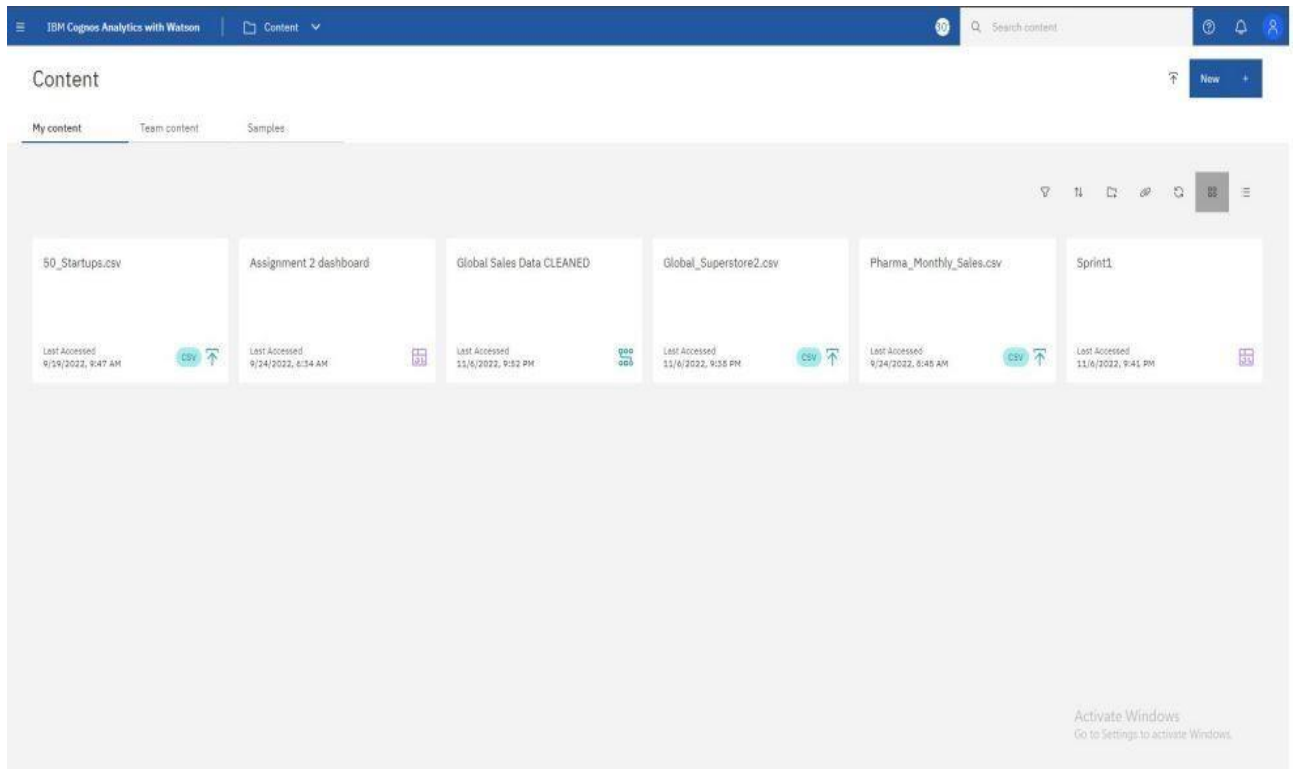


## 8. Save the dataset after preparing the data



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

You can access the uploaded and stored data here.



## DATA EXPLORATION PHASE

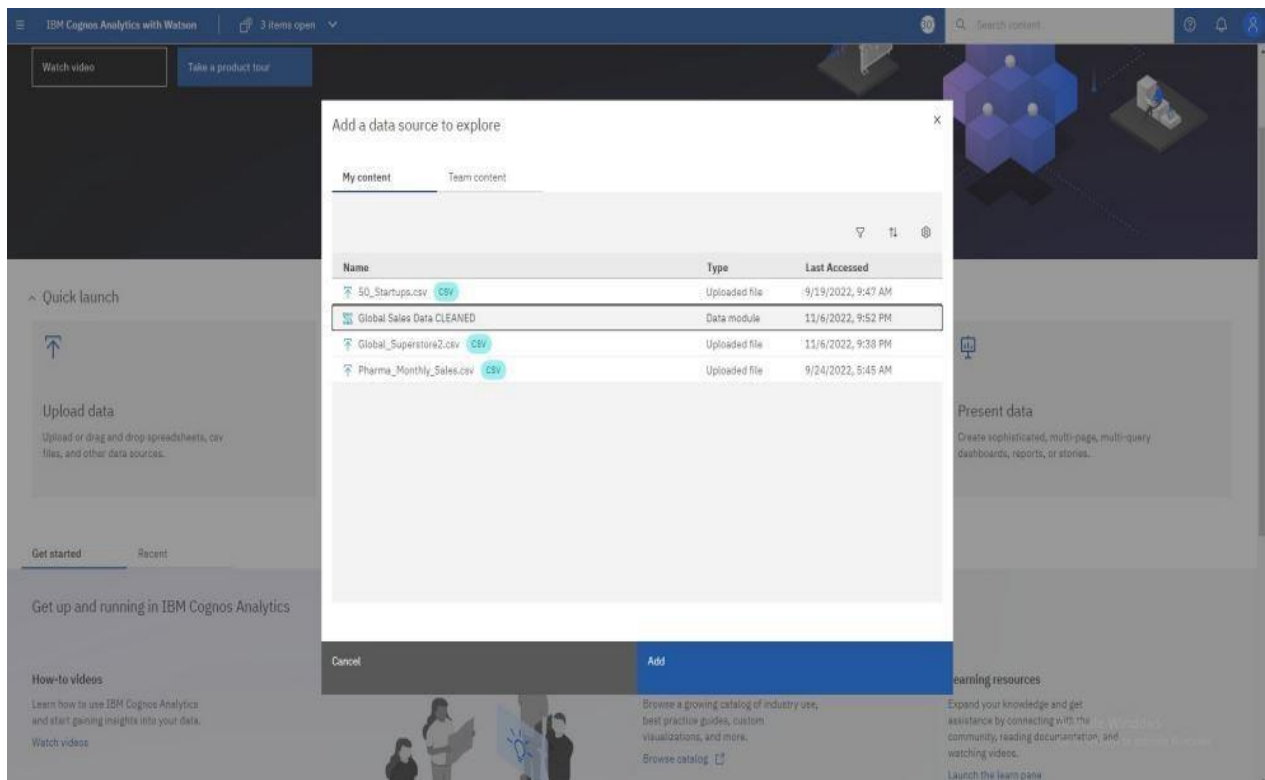
### 10. Data Exploration

To analyse the information, select the Exploration option.

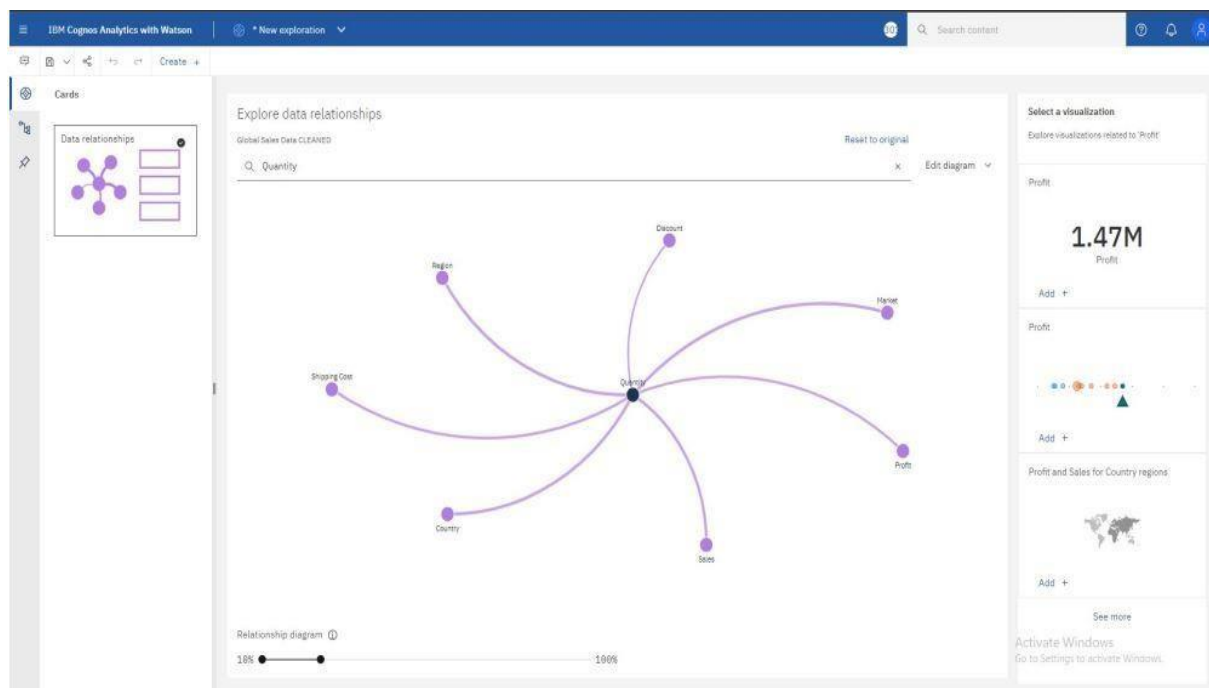


### 11. Select the Data to be explored

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 Cognitive Analytics with Watson

New exploration

Search content

Cards

Data relationships

Explore data

Global Sales Data (CLEANED)

Quantity

Save as

Name

Sprint1 exploration

Selected destination: My content

My contentTeam 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

CancelSave

Relationship diagram

10%100%

Select a visualization

Explore visualizations related to Profit

Profit

1.47M

Profit

Profit and Sales for Country regions

See more