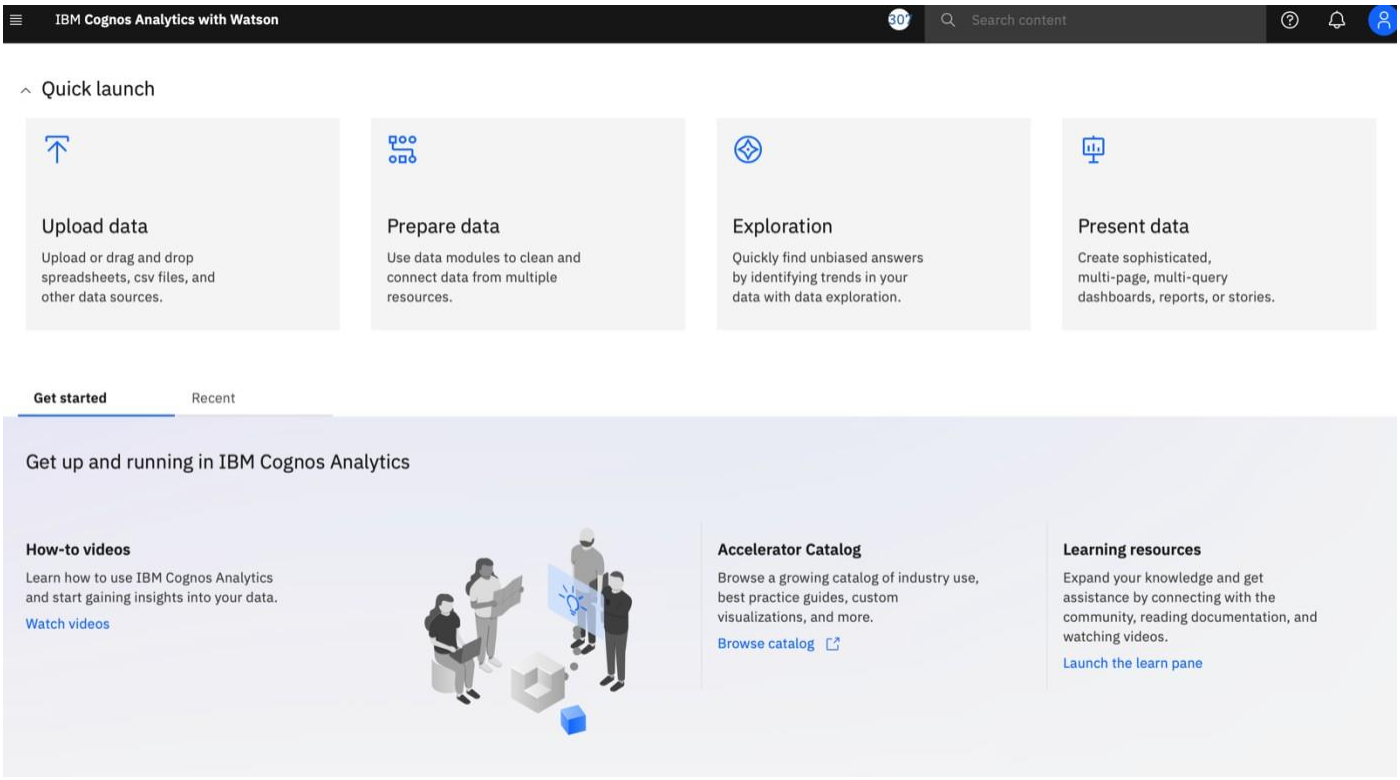
PROJECT DEVELOPMENT PHASE

DELIVERY OF SPRINT - 2

Date	**05 Nov 2022**
Team ID	**PNT2022TMID51838**
Project Name	**Global Sales Data Analytics**
Team Leader	**N.Nivetha**

- **DATA PREPARATION PHASE**

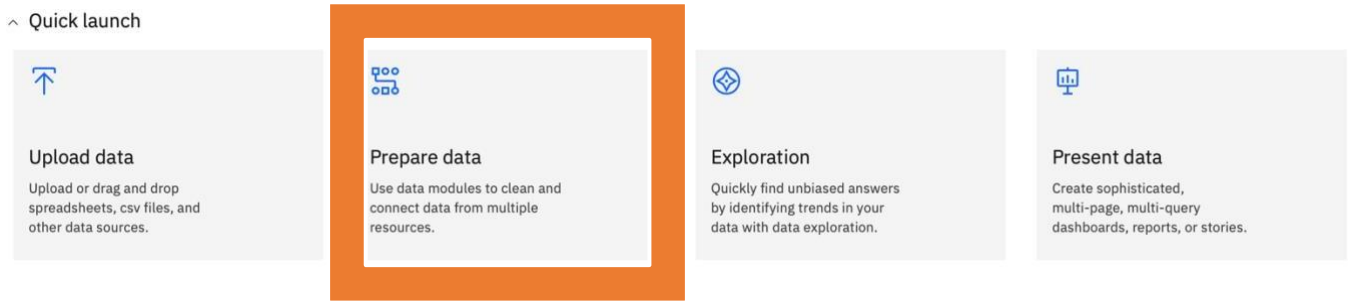
1. Open IBM Cognos Dashboard



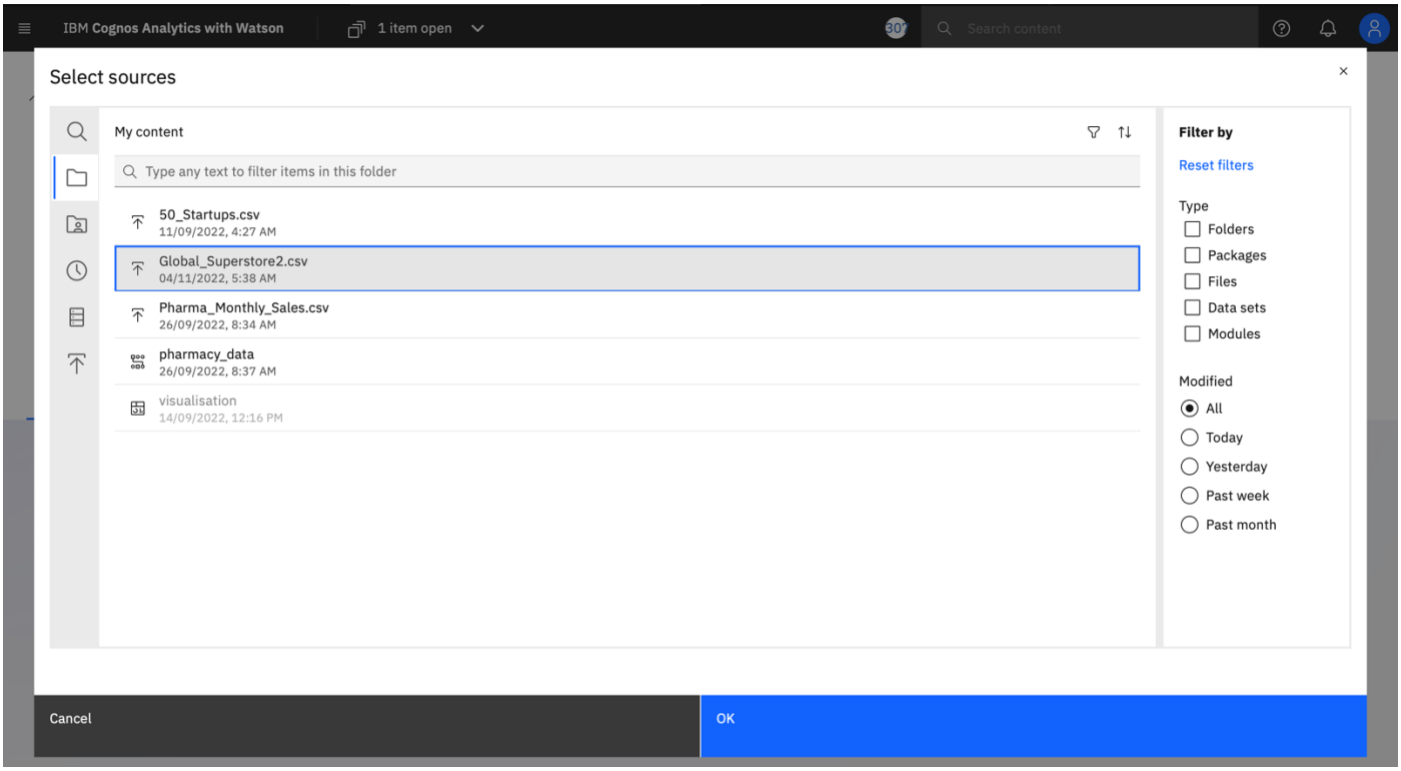
Preparation phase:

- Once the Dataset is uploaded into the IBM Cognosdashboard, we need to prepare the dataset.
- The data preparation includes cleaning up the data, removing the null values, removing the duplicate values, structuring the data so that the data is well understood for exploration and analysis

2. Click on the Prepare Data option

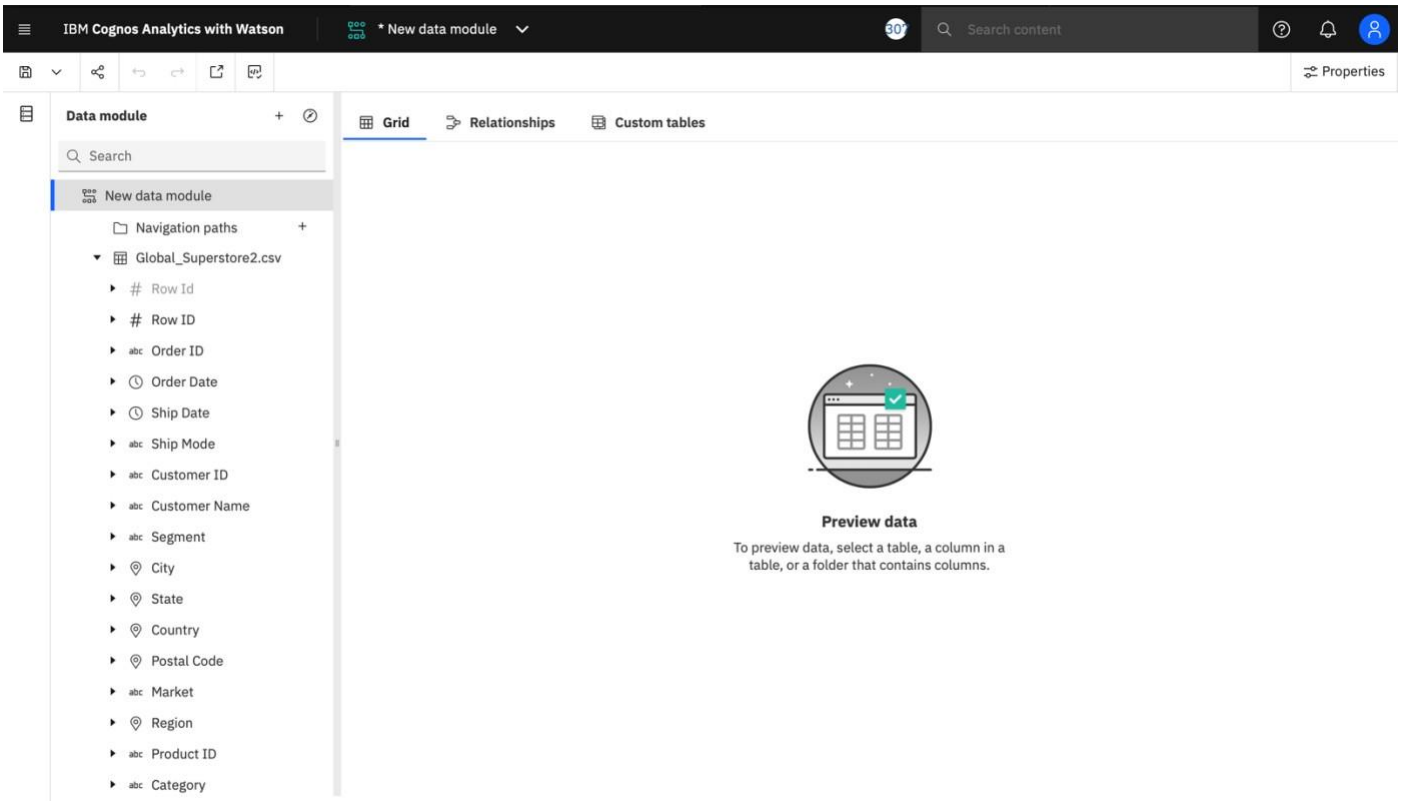


3. Now select the uploaded dataset from the menu



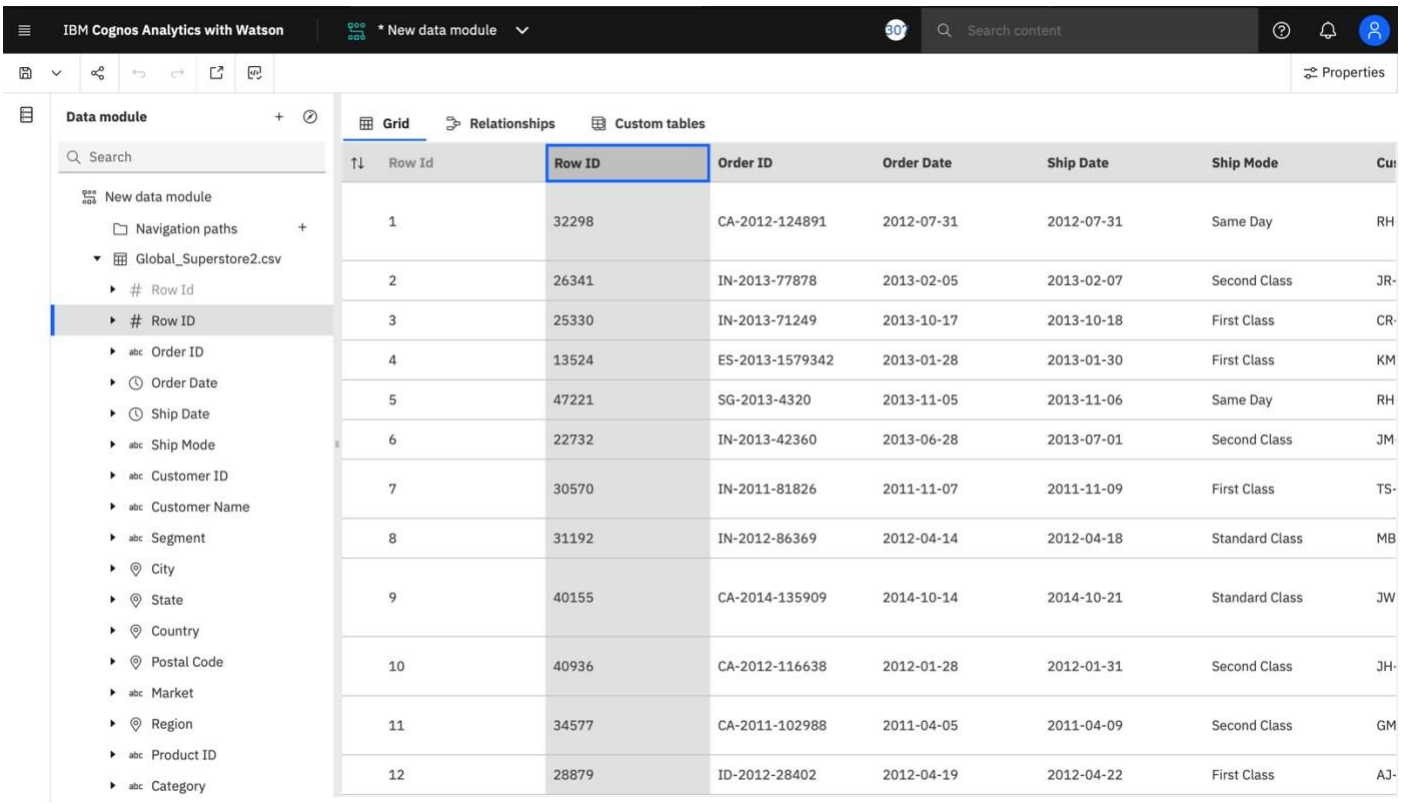
Now select the dataset to be prepared and cleaned

4. Exploring the Data modules



5. Understanding the Data

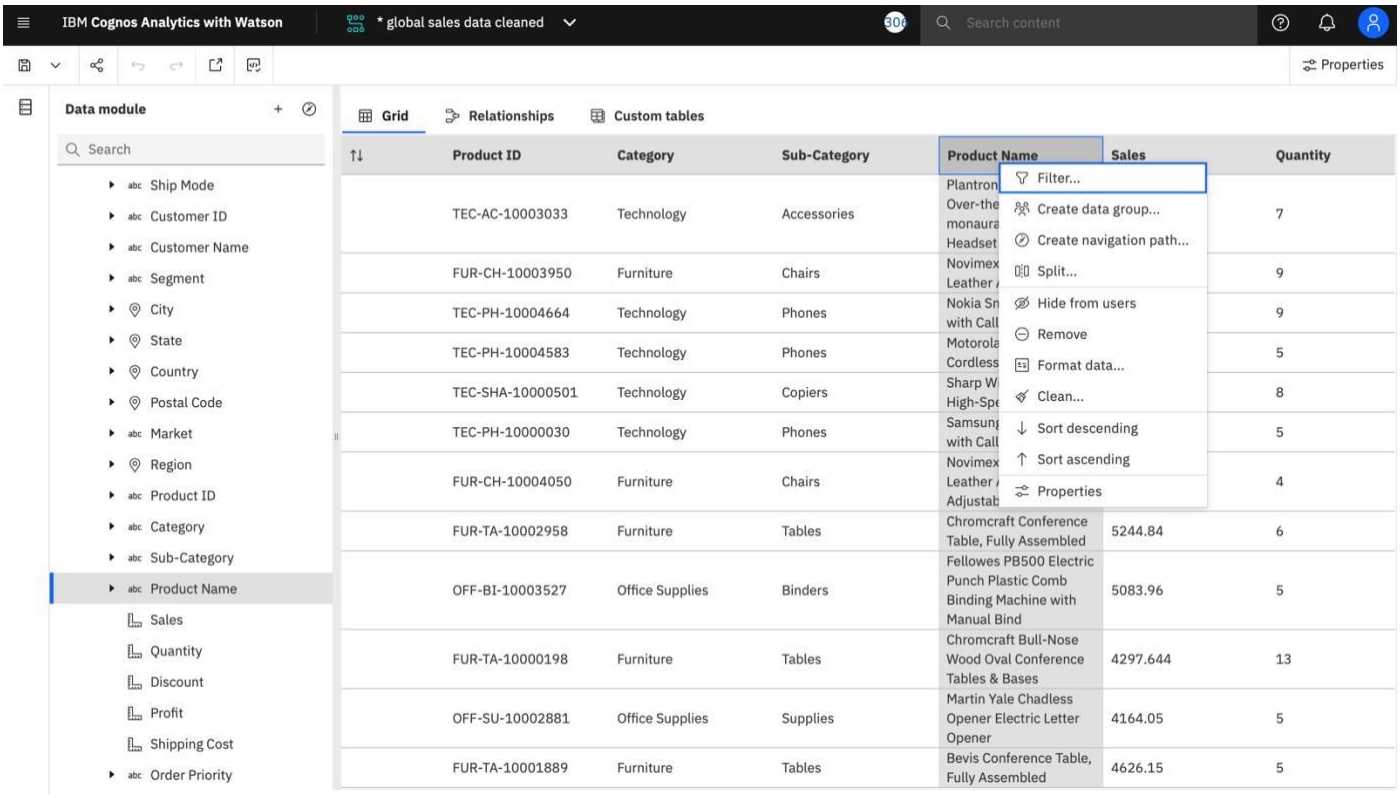
- Understand the dataset and working on the “IBM COGNOS ANALYTICS WITH WATSON”



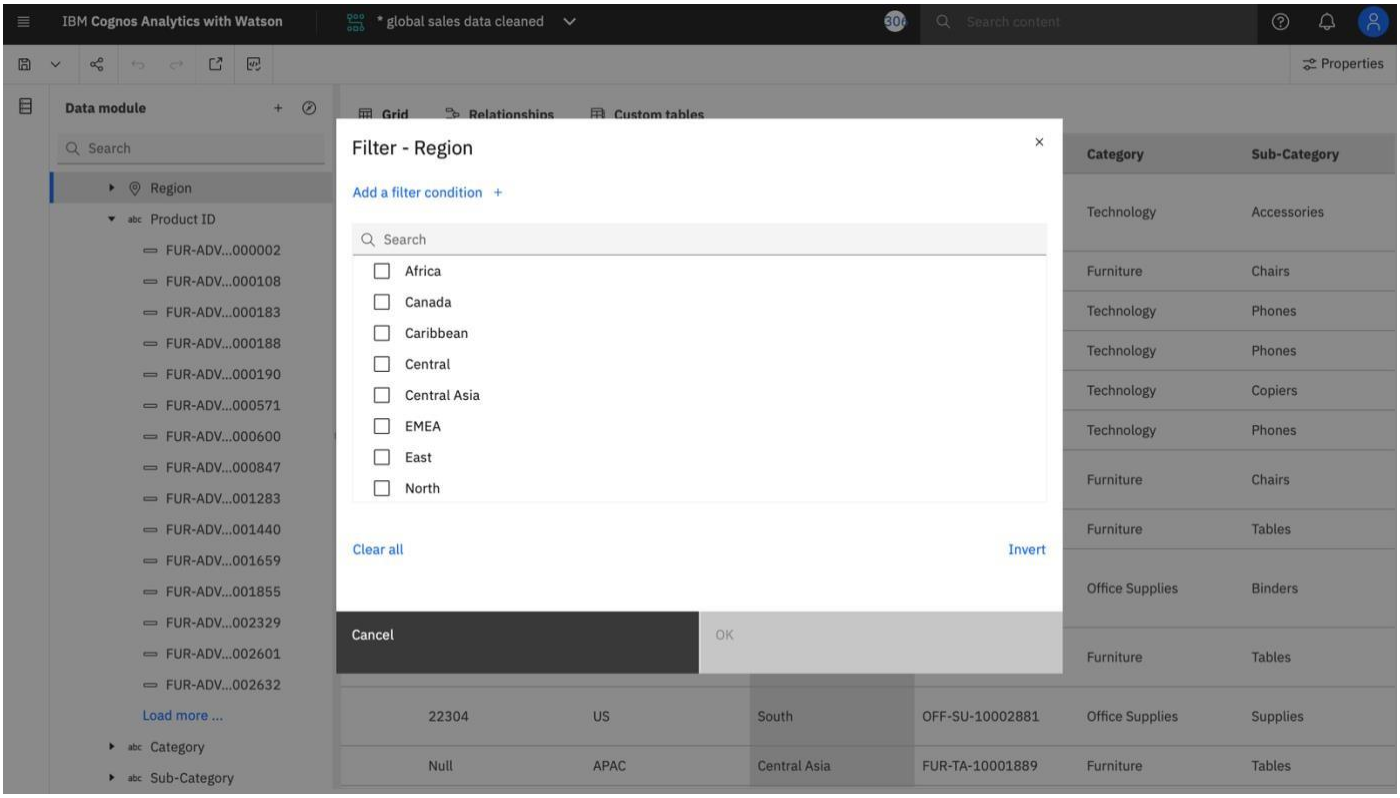
Row Id	Row ID	Order ID	Order Date	Ship Date	Ship Mode	Cu
1	32298	CA-2012-124891	2012-07-31	2012-07-31	Same Day	RH
2	26341	IN-2013-77878	2013-02-05	2013-02-07	Second Class	JR-
3	25330	IN-2013-71249	2013-10-17	2013-10-18	First Class	CR-
4	13524	ES-2013-1579342	2013-01-28	2013-01-30	First Class	KM
5	47221	SG-2013-4320	2013-11-05	2013-11-06	Same Day	RH
6	22732	IN-2013-42360	2013-06-28	2013-07-01	Second Class	JM
7	30570	IN-2011-81826	2011-11-07	2011-11-09	First Class	TS-
8	31192	IN-2012-86369	2012-04-14	2012-04-18	Standard Class	MB
9	40155	CA-2014-135909	2014-10-14	2014-10-21	Standard Class	JW
10	40936	CA-2012-116638	2012-01-28	2012-01-31	Second Class	JH-
11	34577	CA-2011-102988	2011-04-05	2011-04-09	Second Class	GM
12	28879	ID-2012-28402	2012-04-19	2012-04-22	First Class	AJ-

6. Filtering the data

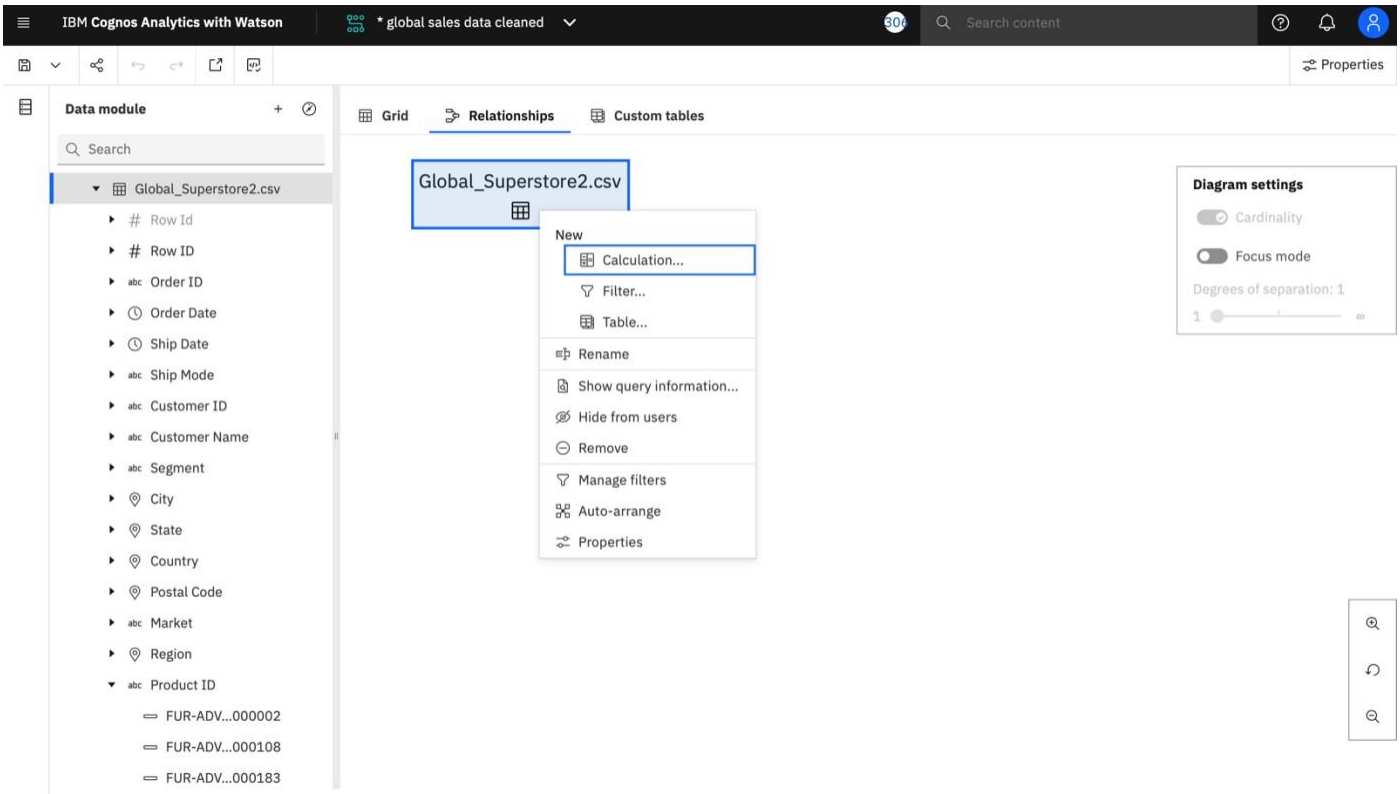
- Filter the data according to the requirements and remove the unnecessary data



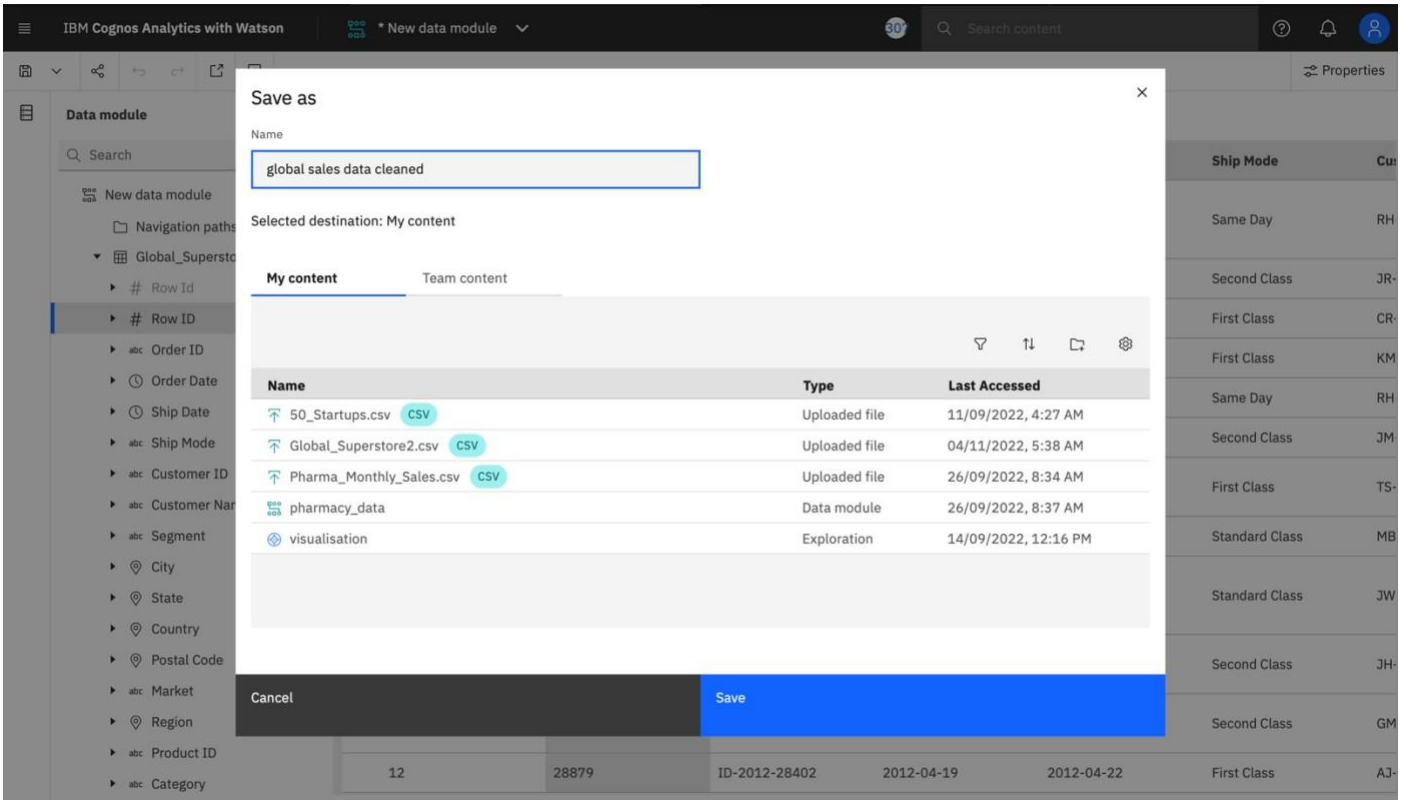
Choose the required fields to be filtered



7. Creating Relationships among the data

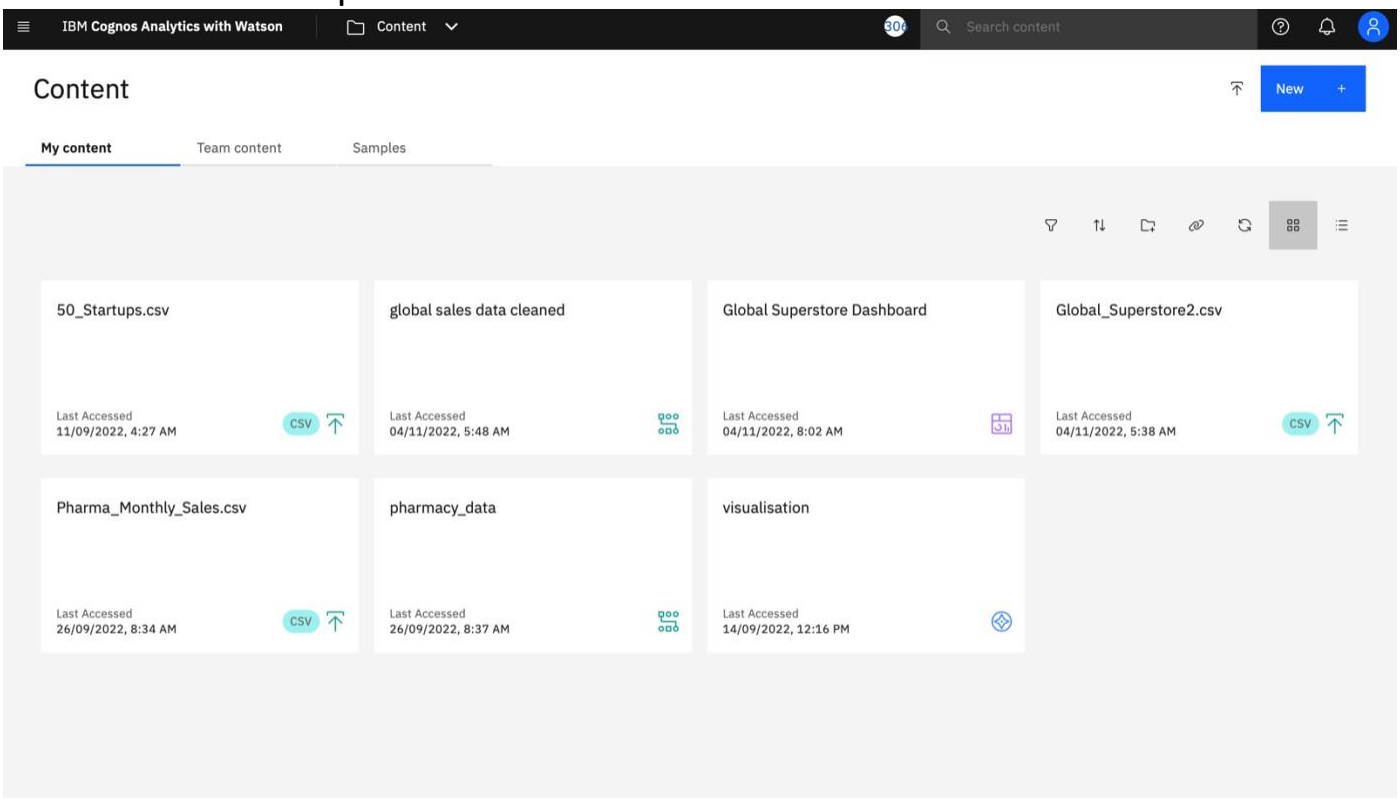


8. Save the dataset after preparing the data



9. Open “Content” from the menu bar

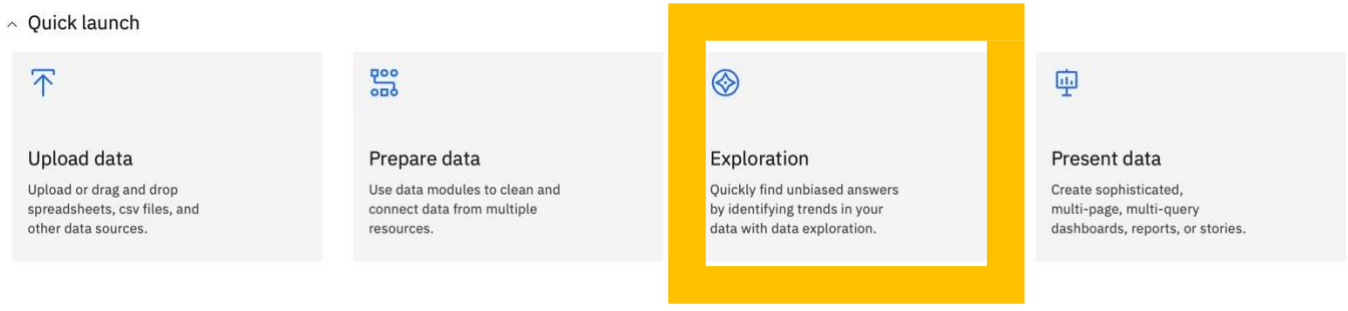
- The uploaded and saved data is available here



- **DATA EXPLORATION PHASE**

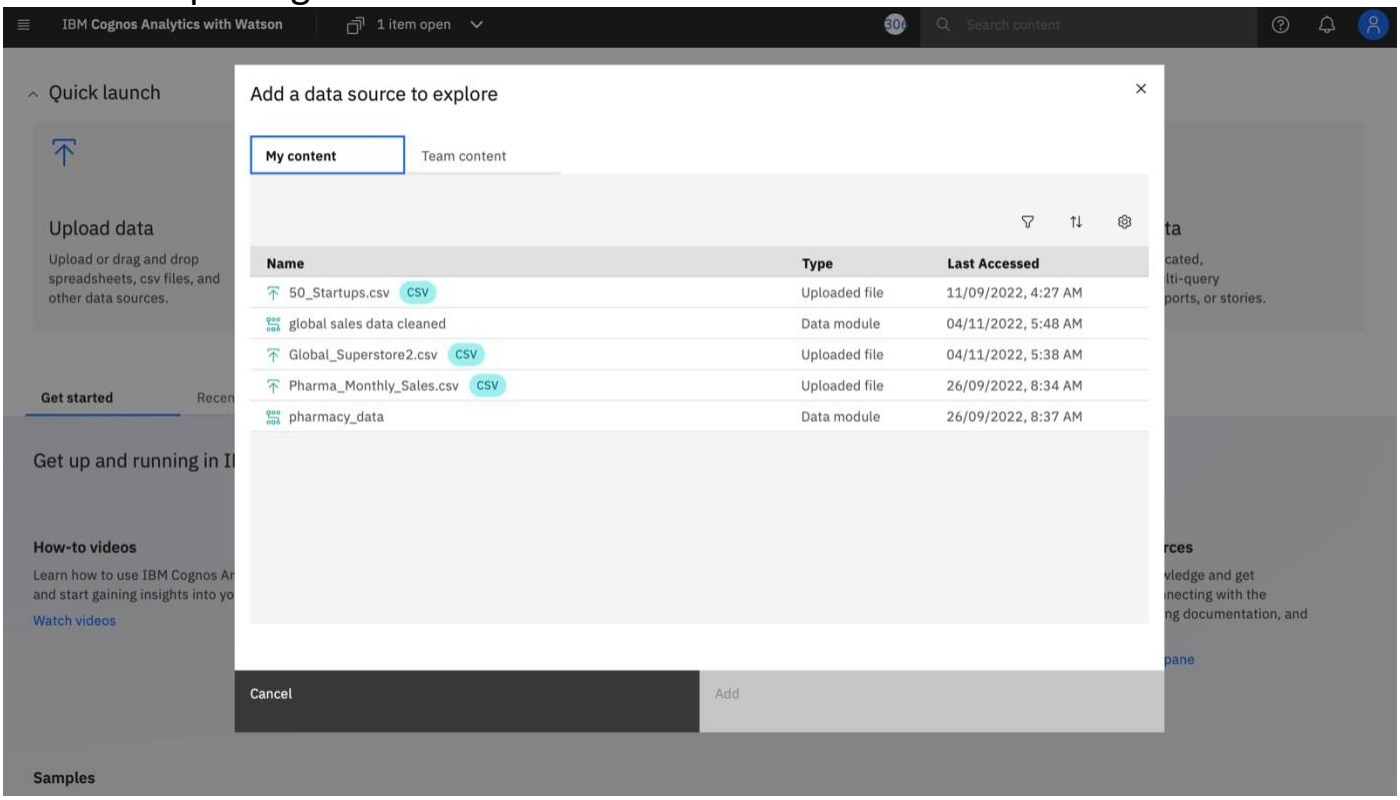
10. Data Exploration

- Click on the Exploration option to explore the data

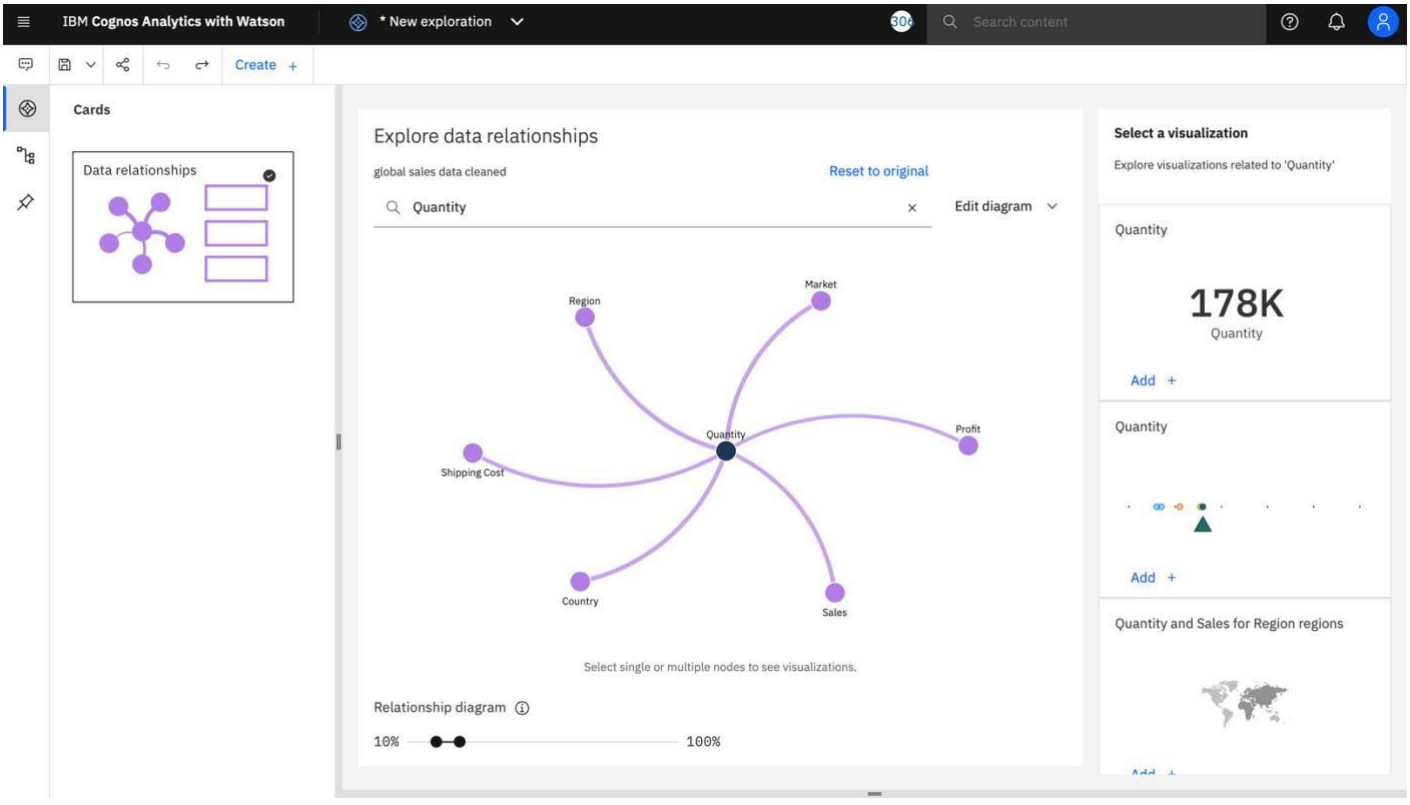
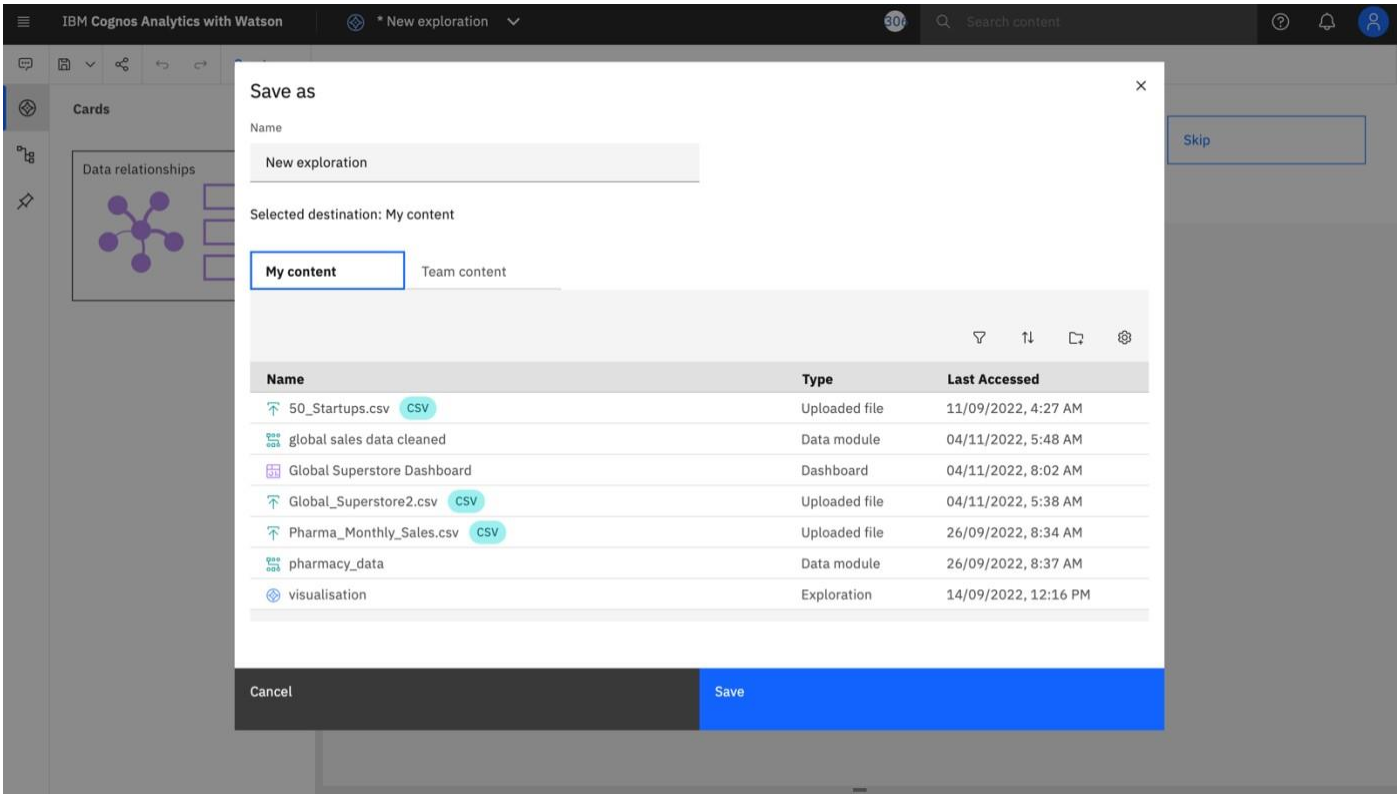


11. Select the Data to be explored

- Now select the cleaned and prepared data from the “My Content” Menu, forexploring it



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



13. Save the exploration