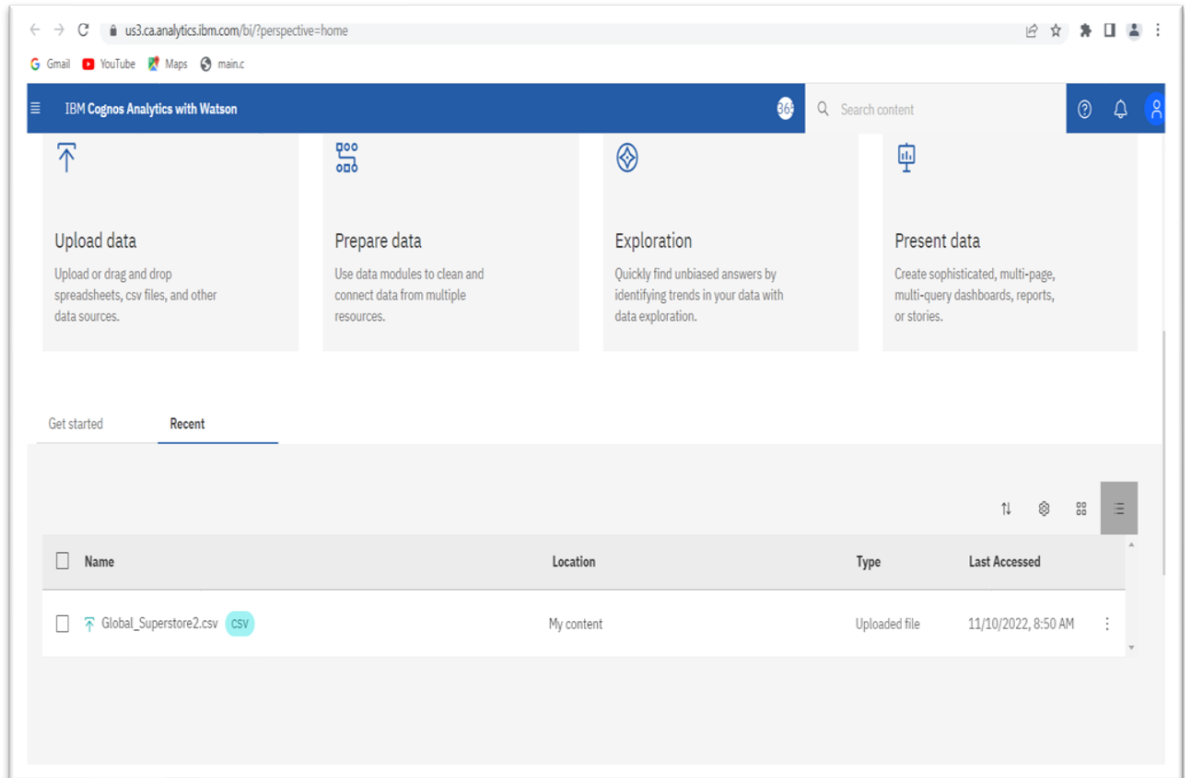


DATA PREPARATION AND WRANGLING

Data preparation phase :

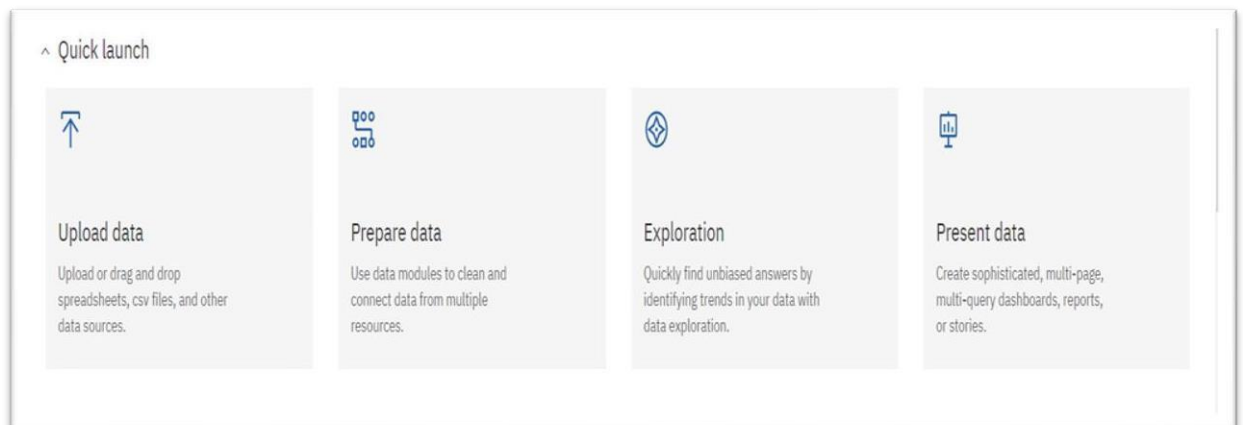
1. Open IBM Cognos Dashboard.



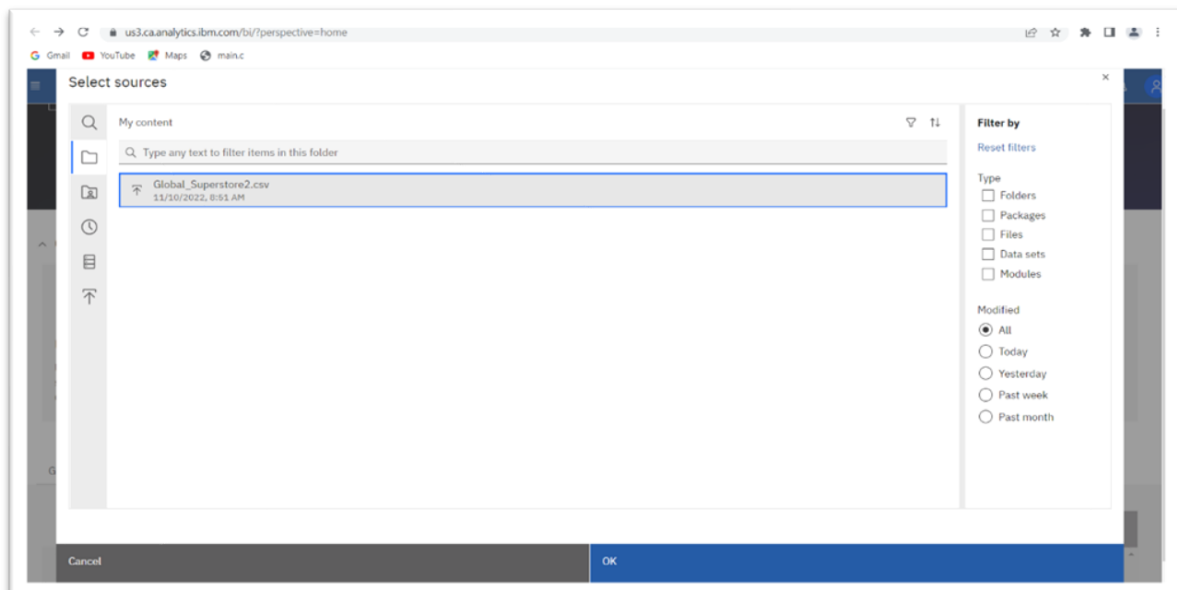
Preparation Phase :

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 organizing it in a way that makes it easy to explore and analyse.

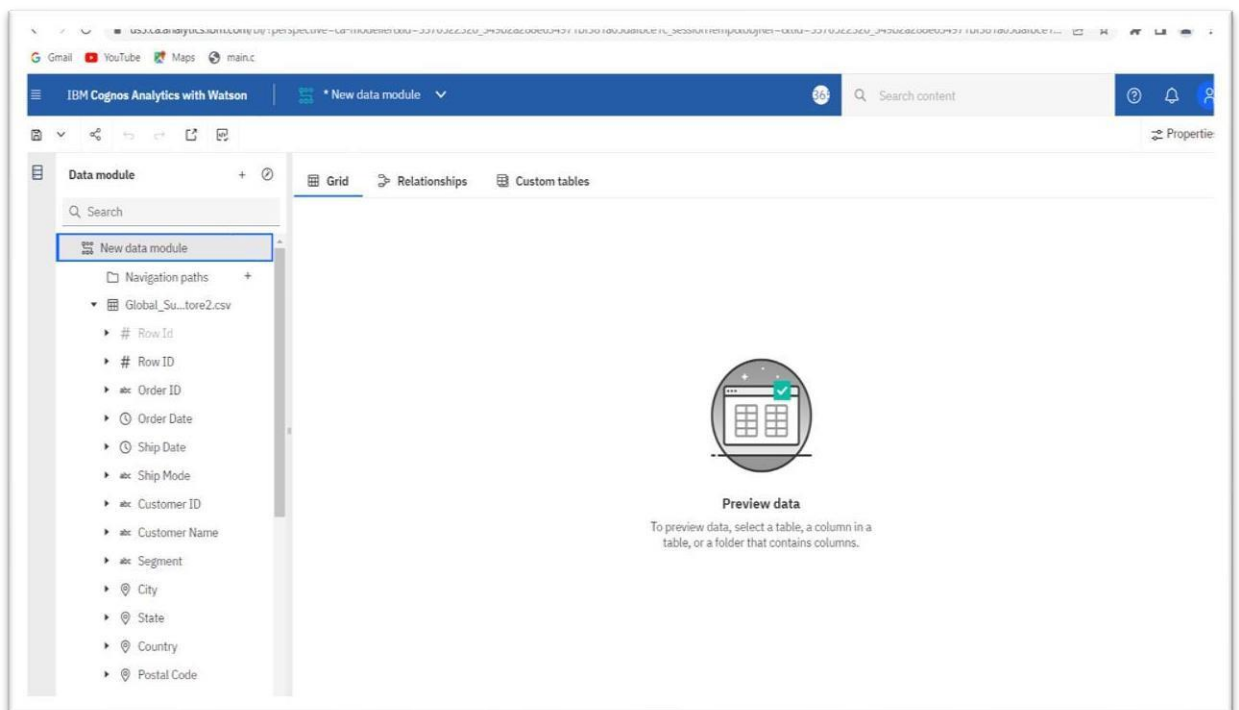
2. Click on the Prepare Data option :



3. Now select the upload dataset from the menu



4. Explore the Data modules



5. Understanding the Data

The screenshot shows the IBM Cognos Analytics with Watson interface with a data table displayed. The table has columns: Row ID, Order ID, Order Date, Ship Date, Ship Mode, and Customer ID. The left sidebar shows the 'Data module' explorer with a search bar and a list of navigation paths. The main area shows the data table.

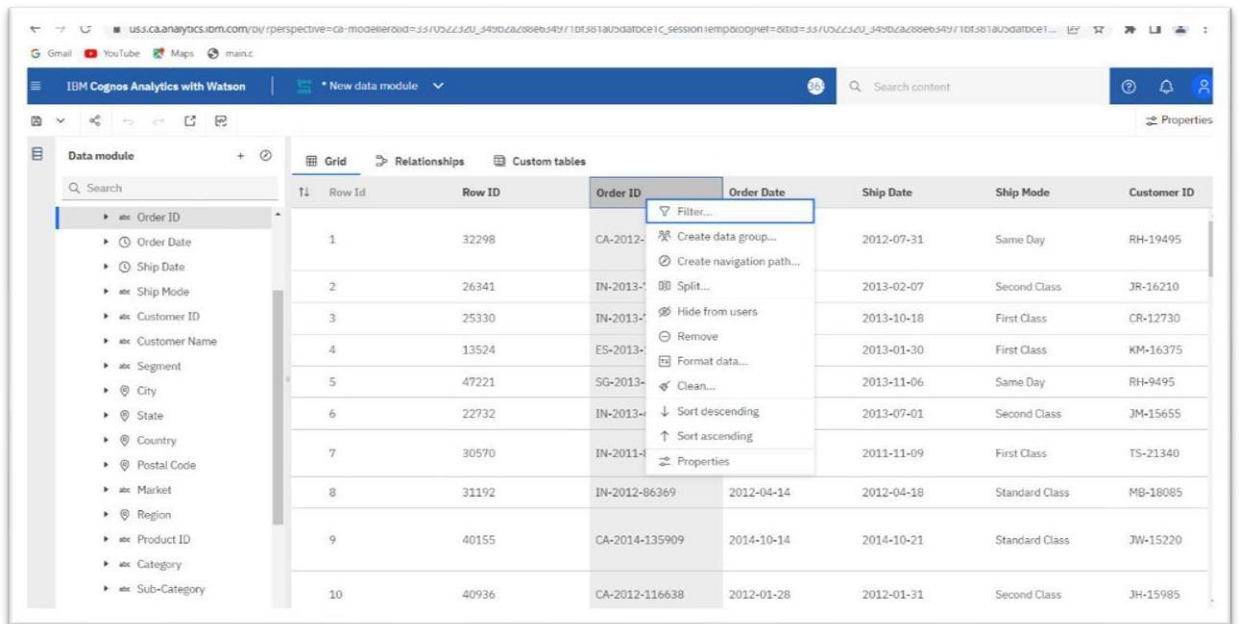
Data module explorer:

- Navigation paths
 - Global_Su...tore2.csv
 - # Row ID
 - # Row ID
 - # 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

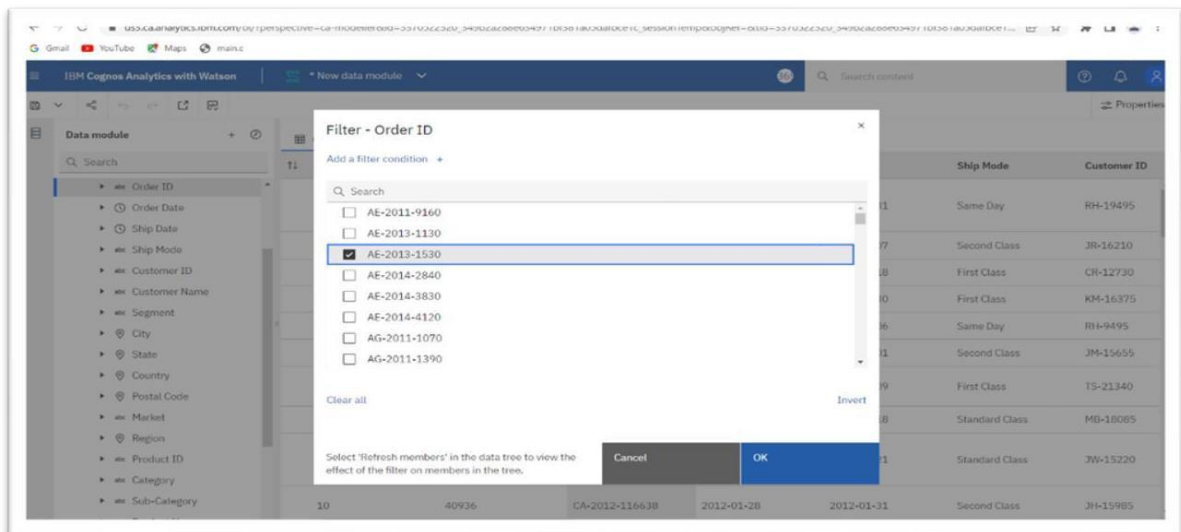
Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID
1	CA-2012-124891	2012-07-31	2012-07-31	Same Day	RH-19495
2	IN-2013-77878	2013-02-05	2013-02-07	Second Class	JR-16210
3	IN-2013-71249	2013-10-17	2013-10-18	First Class	CR-12730
4	ES-2013-1579342	2013-01-28	2013-01-30	First Class	KM-16375
5	SG-2013-4320	2013-11-05	2013-11-06	Same Day	RH-9495
6	IN-2013-42360	2013-06-28	2013-07-01	Second Class	JM-15655
7	IN-2011-81826	2011-11-07	2011-11-09	First Class	TS-21340
8	IN-2012-86369	2012-04-14	2012-04-18	Standard Class	MB-18085
9	CA-2014-135909	2014-10-14	2014-10-21	Standard Class	JW-15220
10	CA-2012-116638	2012-01-28	2012-01-31	Second Class	JH-15985

6. Filtering the Data

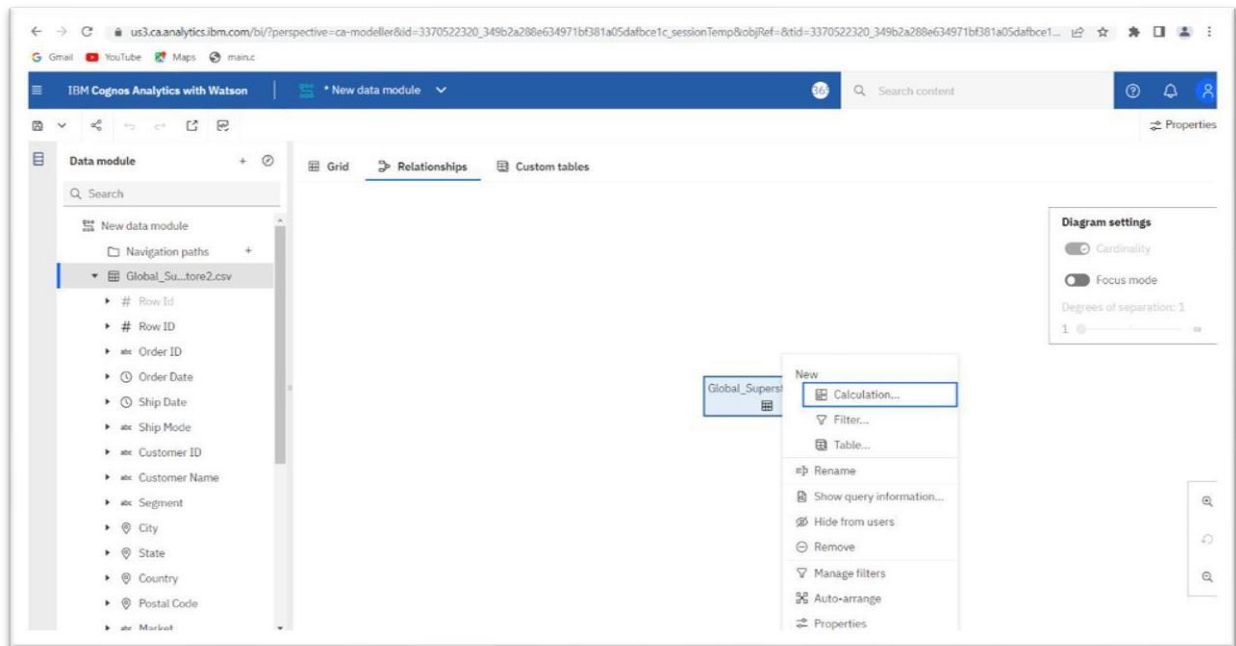
Sort the data to meet your needs and eliminate any extraneous information.



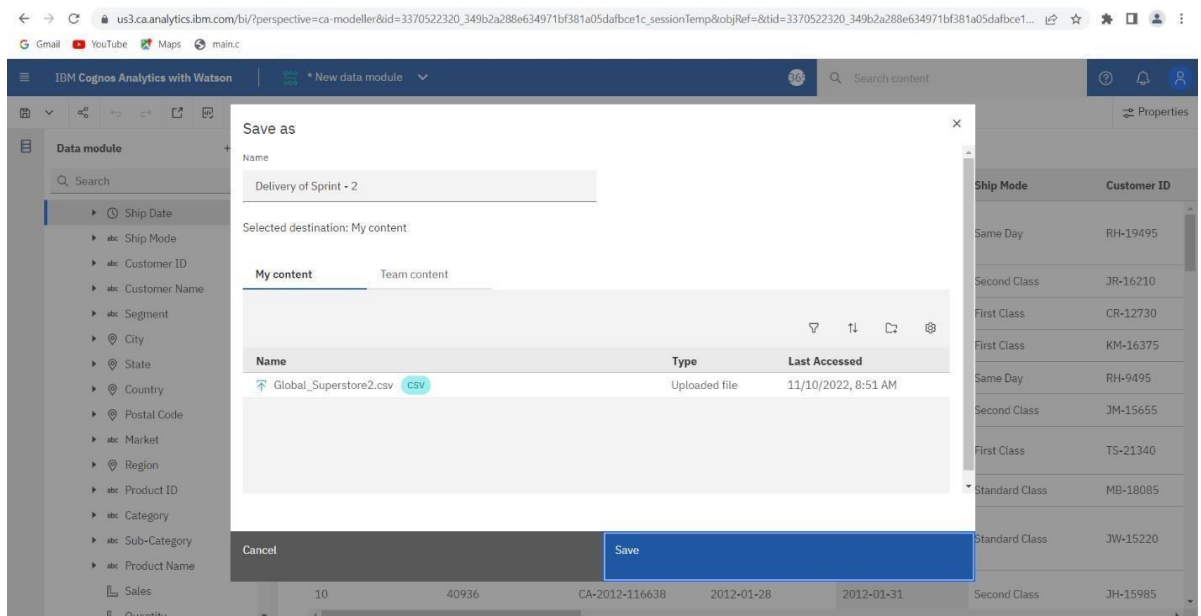
Choose the required fields to be filtered.



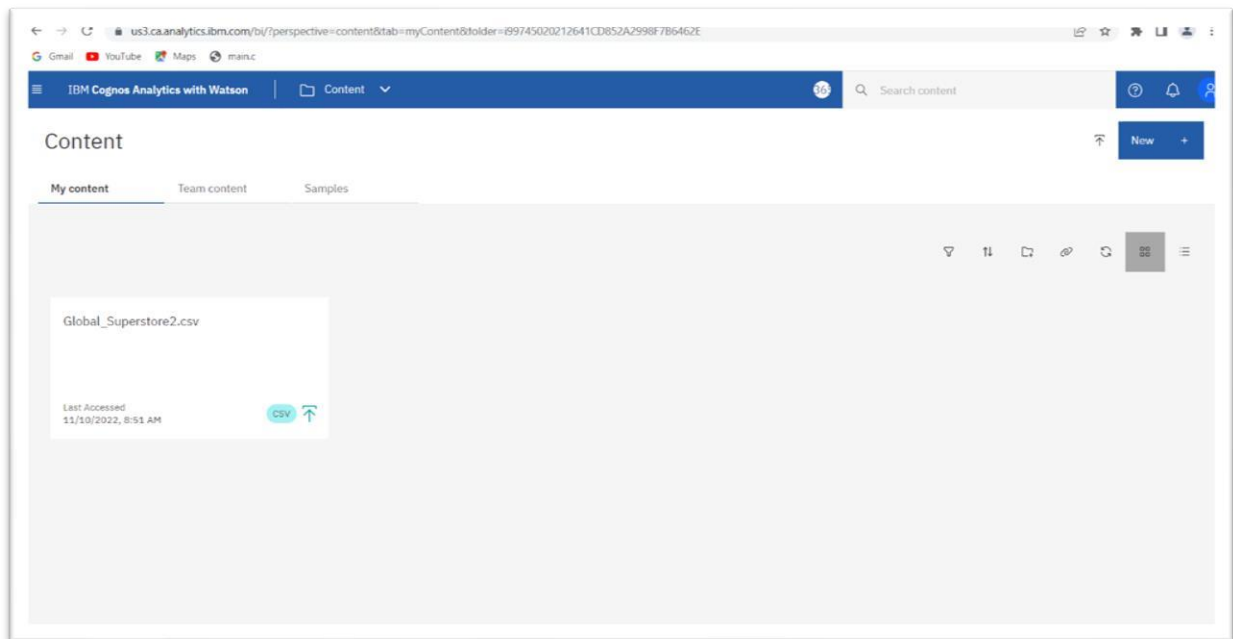
7. Creating Relationship among the data.



8. Save the dataset after preparing the data

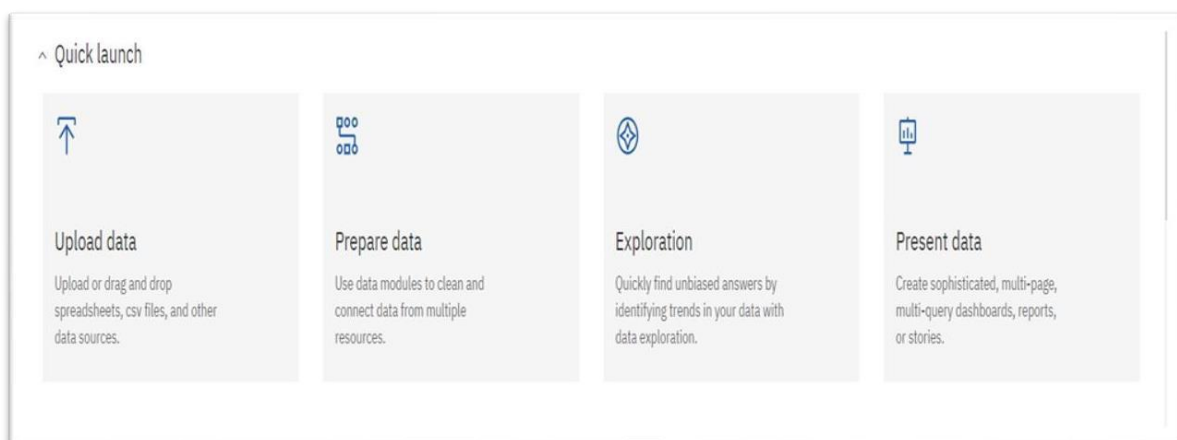


9. Open “Content” from the menu bar



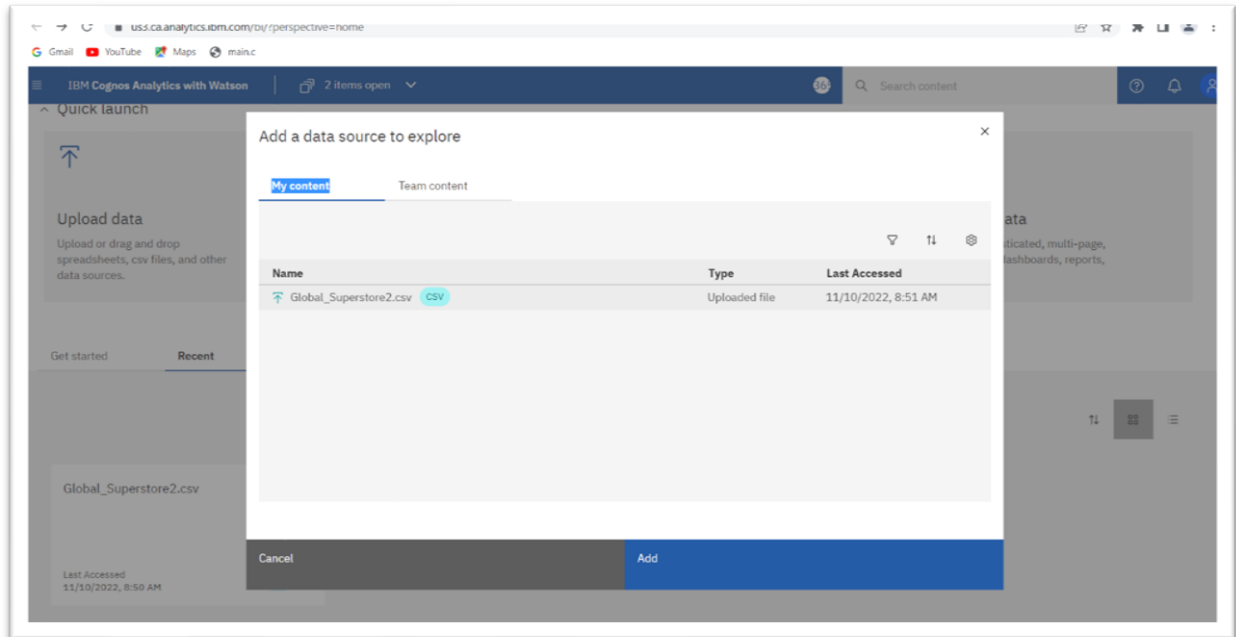
DATA EXPLORATION PHASE :

10. Data Exploration

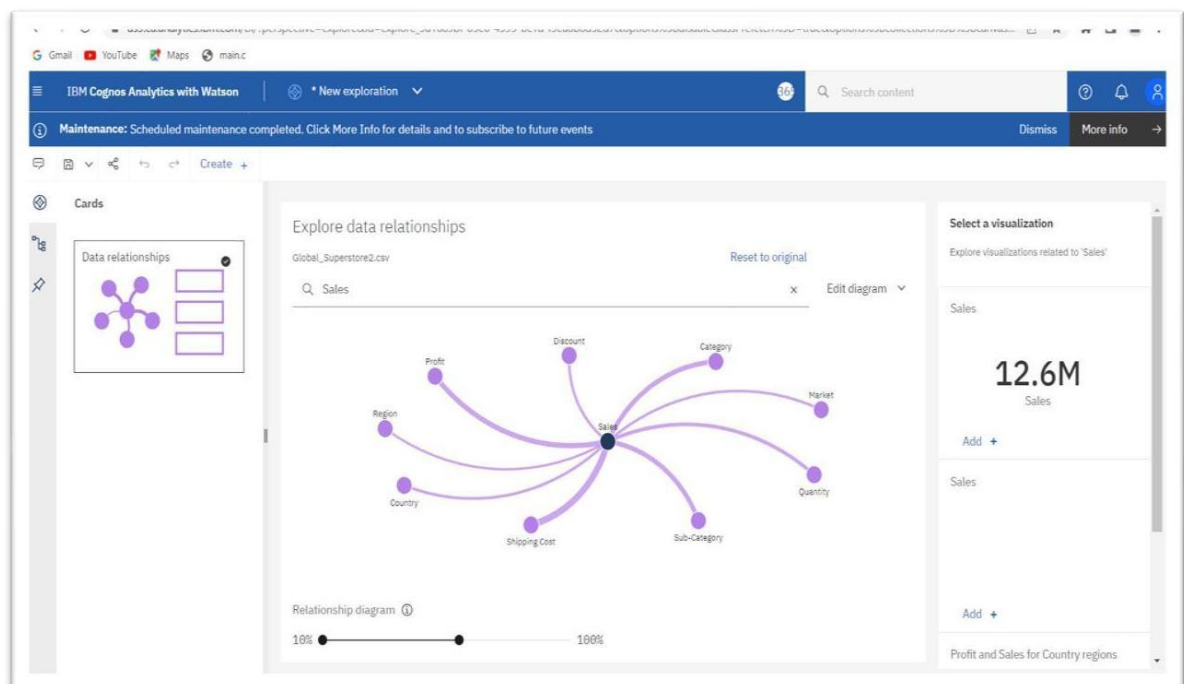


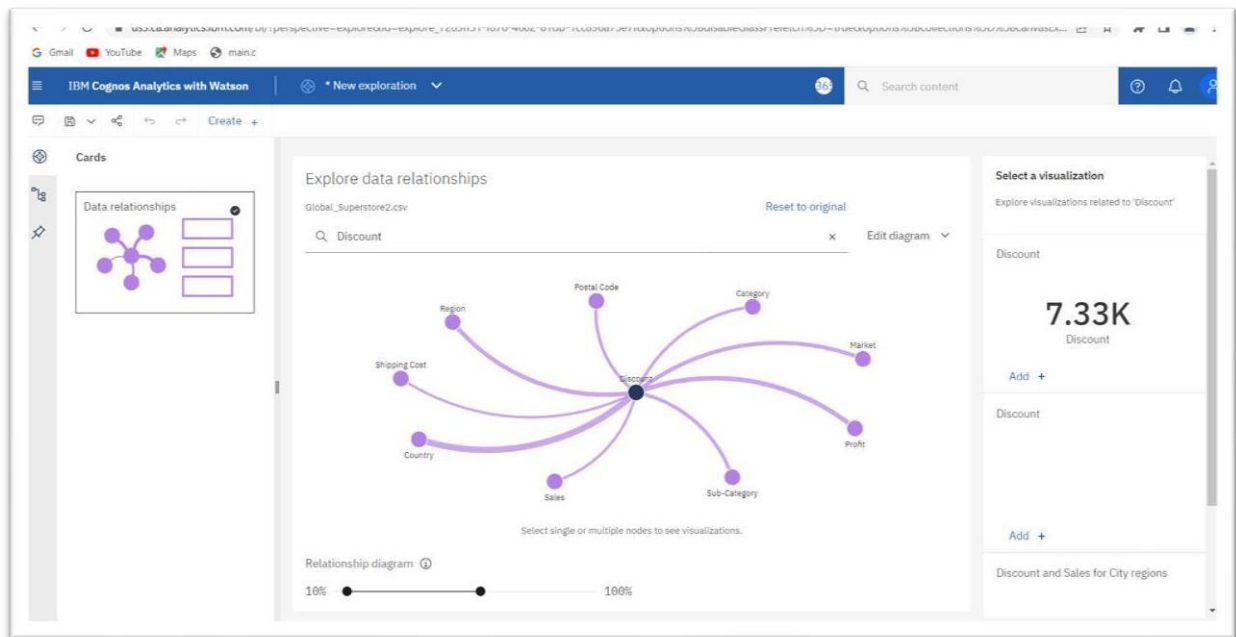
11. Select the data to be explored

To begin browsing the cleaned and prepared data choose “My Content” from the menu.



12. Start Exploring the data and create relationship among the dataset





13. Save the Exploration

