

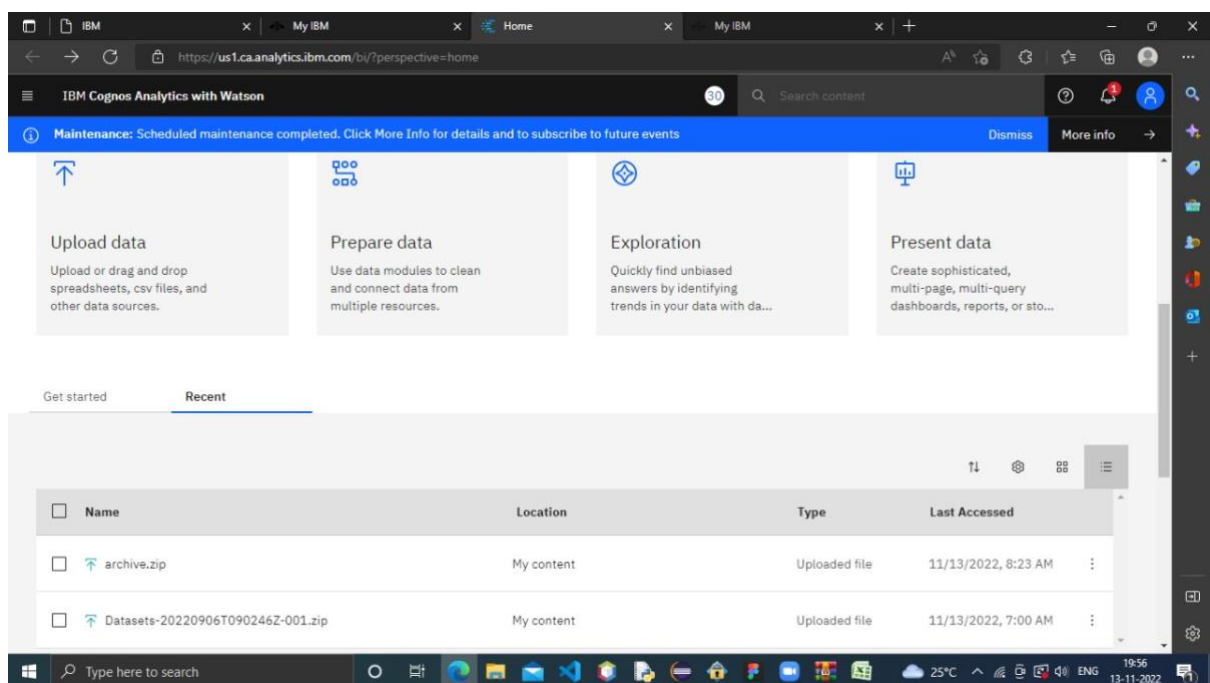
DEVELOPMENT PHASE

SPRINT 2

Date	05 November 2022
Team ID	PNT2022TMID44306
Project Name	Project – Global Sales Data Analytics
Maximum Marks	2 Marks

Data Preparation phase:

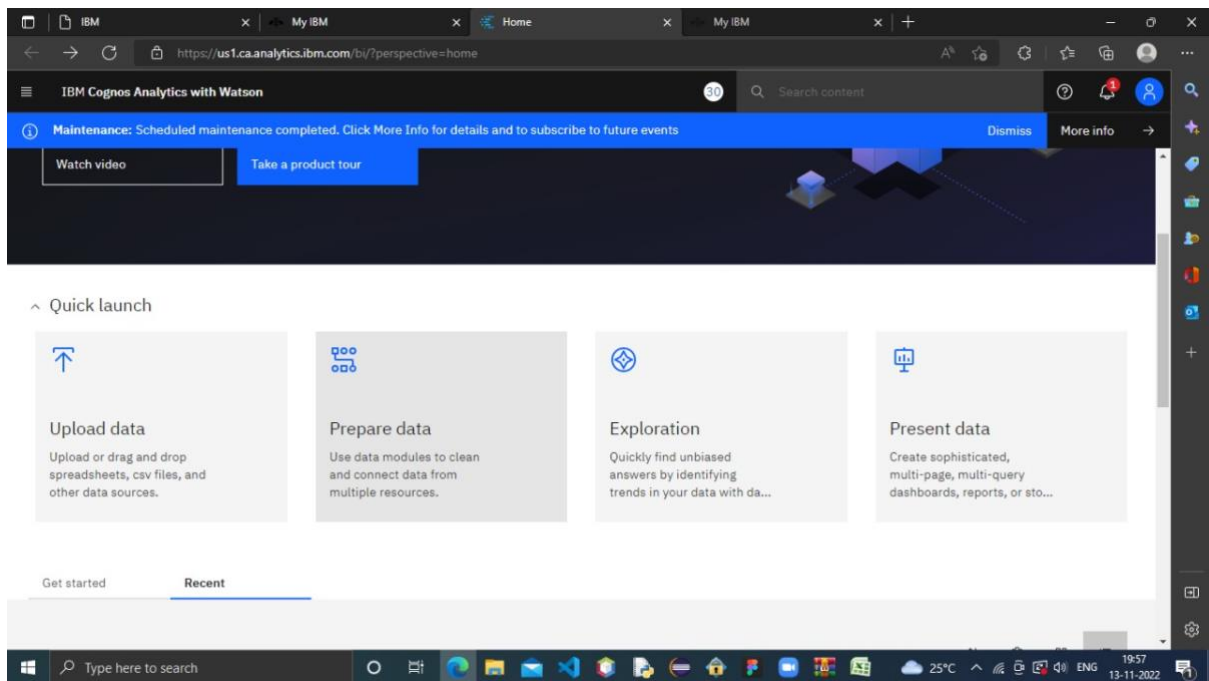
1.Open IBM Cognos Dashboard



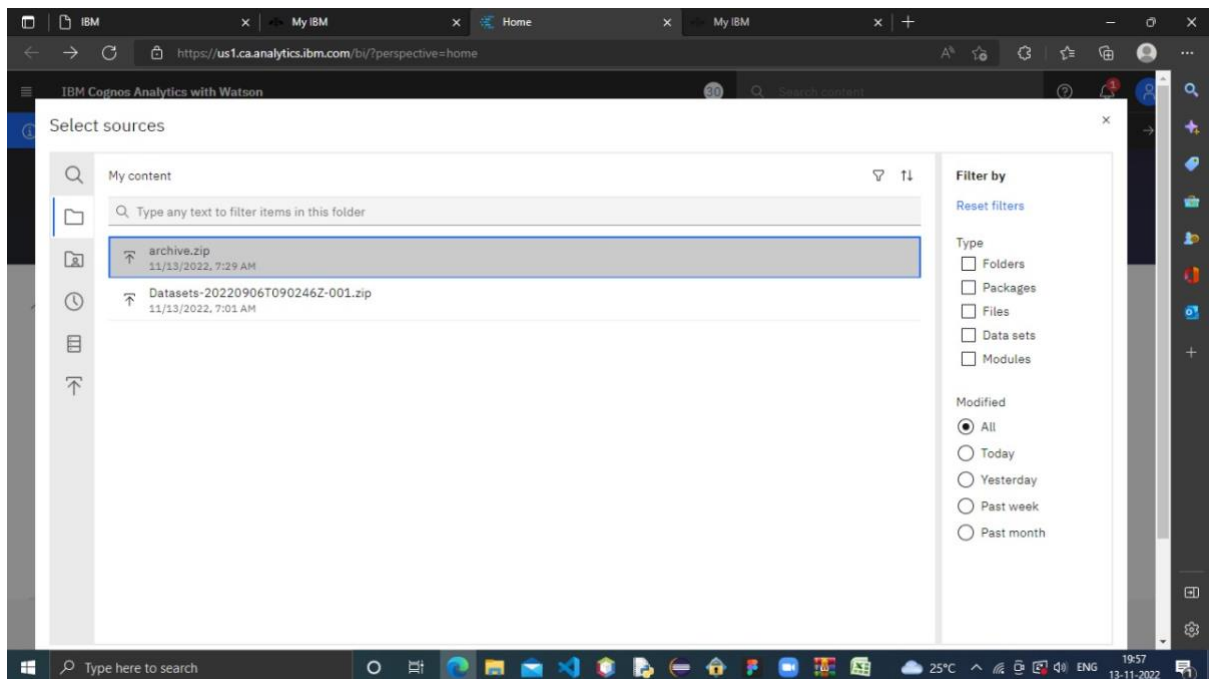
Preparation phase:

Process of preparing the data involves cleaning it up ,eliminating duplicate and null values,organizing it in a way which makes it easy to explore and analyze.

2.Select the prepare data option:

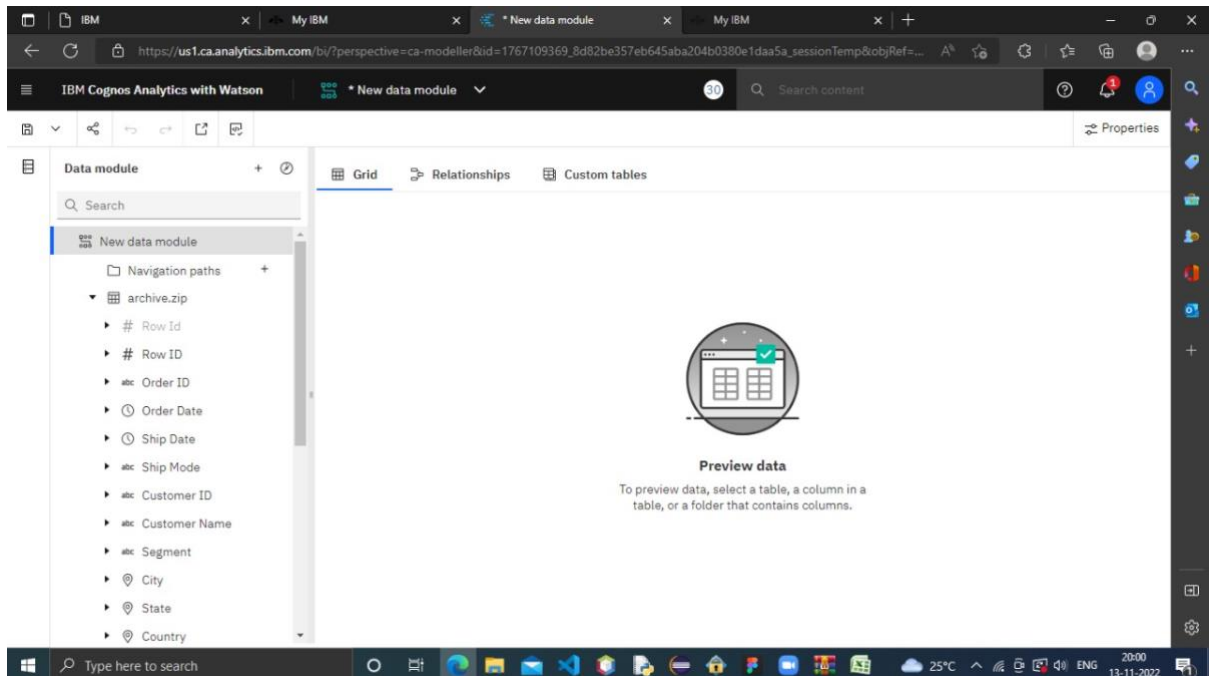


3. Select the option upload dataset from the menu



Select the dataset which is to be cleaned and prepared now

4.Explore the data module:



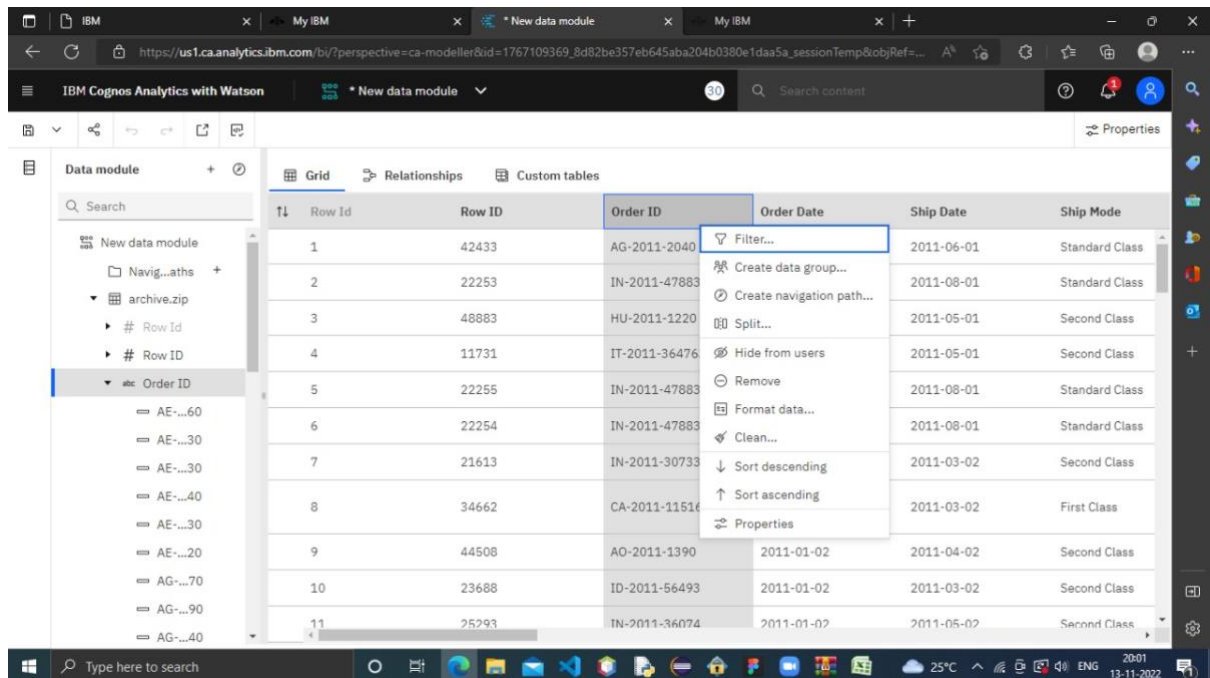
5.Understanding the data

The screenshot shows the IBM Cognos Analytics with Watson interface. The browser address bar displays a URL starting with https://us1.ca.analytics.ibm.com/bi/?perspective=ca-modeler&id=1767109369_8d82be357eb645aba204b0380e1daa5a_sessionTemp&objRef=.... The interface includes a top navigation bar with the IBM logo and a search bar. The left sidebar, titled 'Data module', contains a search bar and a list of navigation paths: 'archive.zip', '# Row Id', '# Row ID', 'abc Order ID', 'Order Date', 'Ship Date', 'Ship Mode', 'abc Customer ID', 'Customer Name', 'Segment', 'City', 'State', and 'Country'. The main area, titled 'Grid', displays a table with the following data:

Row Id	Row ID	Order ID	Order Date	Ship Date	Ship Mode
1	42433	AG-2011-2040	2011-01-01	2011-06-01	Standard Class
2	22253	IN-2011-47883	2011-01-01	2011-08-01	Standard Class
3	48883	HU-2011-1220	2011-01-01	2011-05-01	Second Class
4	11731	IT-2011-3647632	2011-01-01	2011-05-01	Second Class
5	22255	IN-2011-47883	2011-01-01	2011-08-01	Standard Class
6	22254	IN-2011-47883	2011-01-01	2011-08-01	Standard Class
7	21613	IN-2011-30733	2011-01-02	2011-03-02	Second Class
8	34662	CA-2011-115161	2011-01-02	2011-03-02	First Class
9	44508	AO-2011-1390	2011-01-02	2011-04-02	Second Class
10	23688	ID-2011-56493	2011-01-02	2011-03-02	Second Class
11	25293	IN-2011-36074	2011-01-02	2011-05-02	Second Class

6. Filtering the data

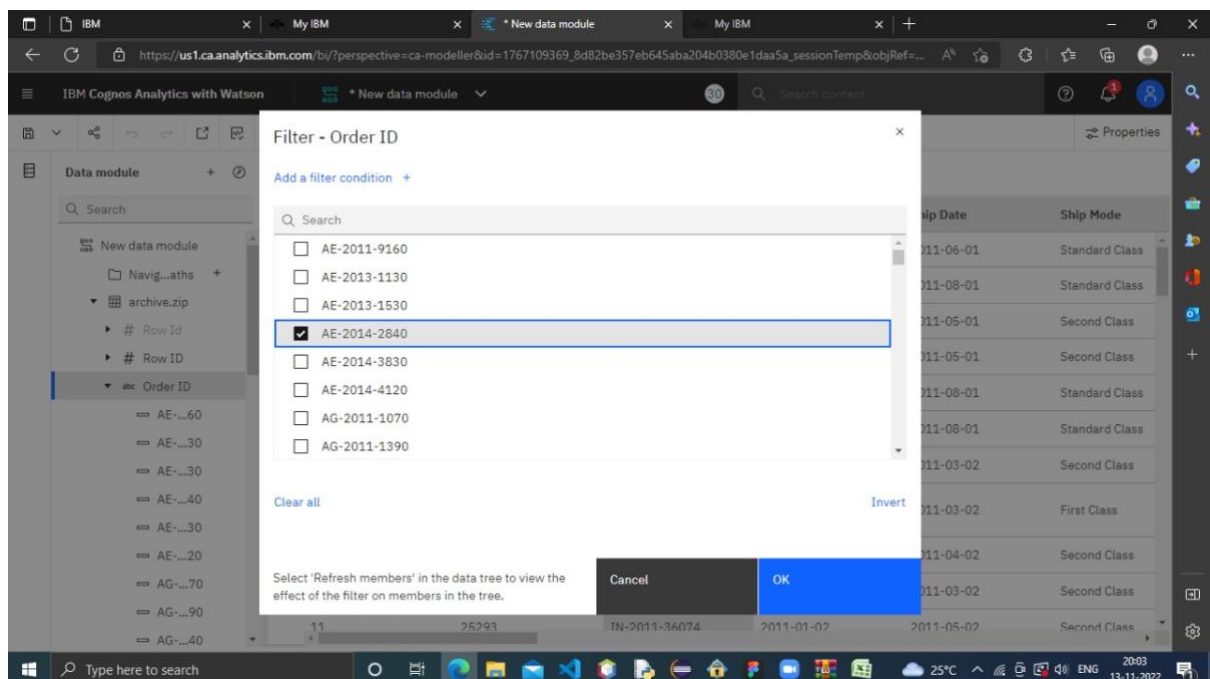
Sort the data to meet your needs and eliminate any extraneous information



The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane displays a tree structure with 'Order ID' selected. The main area shows a table with columns: Row ID, Order ID, Order Date, Ship Date, and Ship Mode. A context menu is open over the 'Order ID' column, listing options: Filter..., Create data group..., Create navigation path..., Split..., Hide from users, Remove, Format data..., Clean..., Sort descending, Sort ascending, and Properties.

Row ID	Order ID	Order Date	Ship Date	Ship Mode
1	42433	AG-2011-2040	2011-06-01	Standard Class
2	22253	IN-2011-47883	2011-08-01	Standard Class
3	48883	HU-2011-1220	2011-05-01	Second Class
4	11731	IT-2011-36476	2011-05-01	Second Class
5	22255	IN-2011-47883	2011-08-01	Standard Class
6	22254	IN-2011-47883	2011-08-01	Standard Class
7	21613	IN-2011-30733	2011-03-02	Second Class
8	34662	CA-2011-11514	2011-03-02	First Class
9	44508	AO-2011-1390	2011-01-02	Second Class
10	23688	ID-2011-56493	2011-01-02	Second Class
11	25293	IN-2011-36074	2011-01-02	Second Class

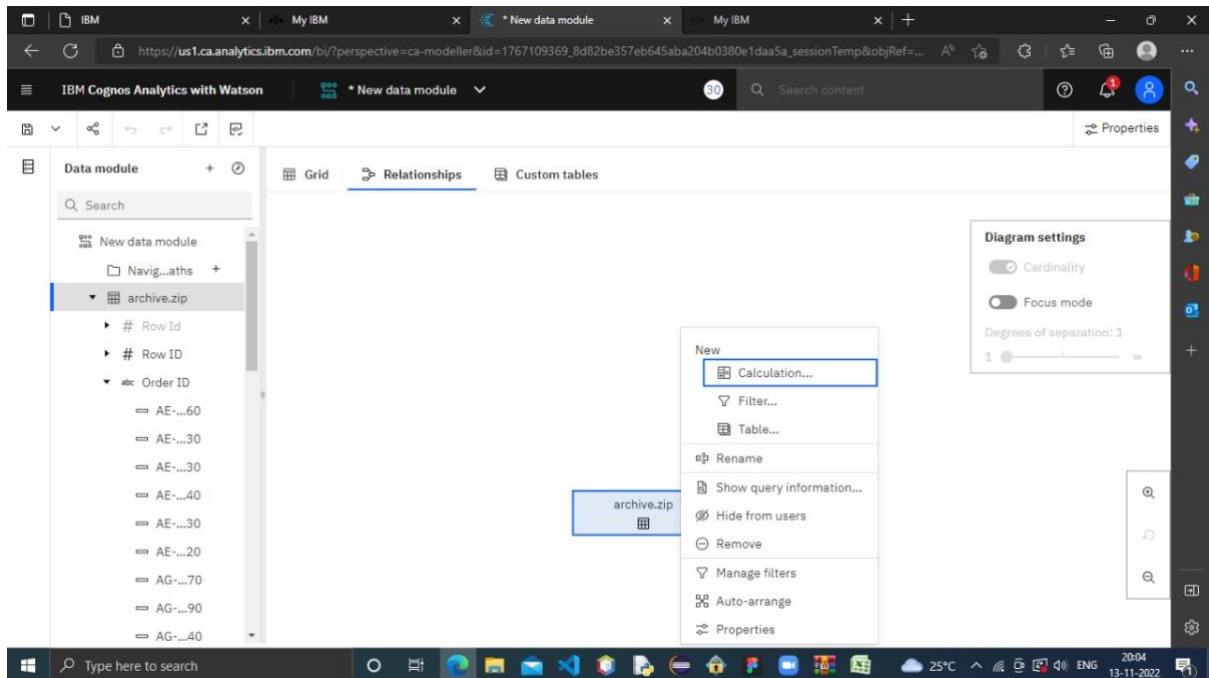
Now choose the required fields to be filtered



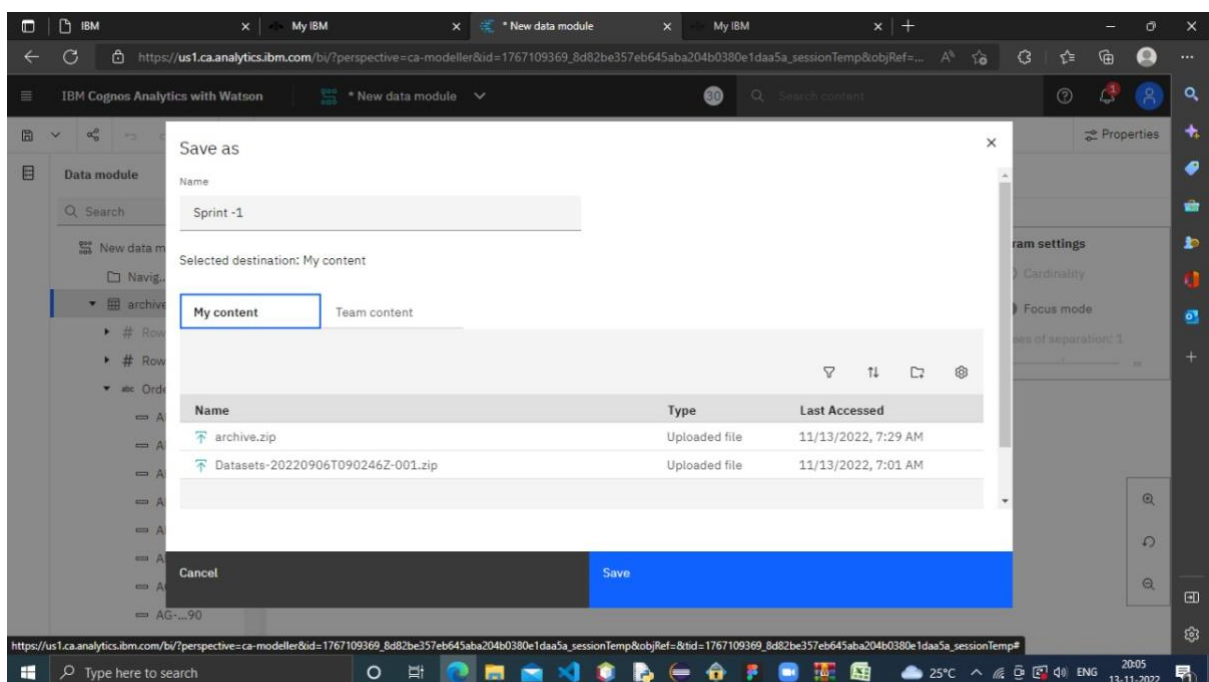
The screenshot shows the 'Filter - Order ID' dialog box. It has a search bar and a list of Order IDs with checkboxes. The 'AE-2014-2840' entry is selected. At the bottom, there are 'Clear all', 'Invert', 'Cancel', and 'OK' buttons. A note at the bottom states: 'Select 'Refresh members' in the data tree to view the effect of the filter on members in the tree.'

Order ID	Selected
AE-2011-9160	<input type="checkbox"/>
AE-2013-1130	<input type="checkbox"/>
AE-2013-1530	<input type="checkbox"/>
AE-2014-2840	<input checked="" type="checkbox"/>
AE-2014-3830	<input type="checkbox"/>
AE-2014-4120	<input type="checkbox"/>
AG-2011-1070	<input type="checkbox"/>
AG-2011-1390	<input type="checkbox"/>

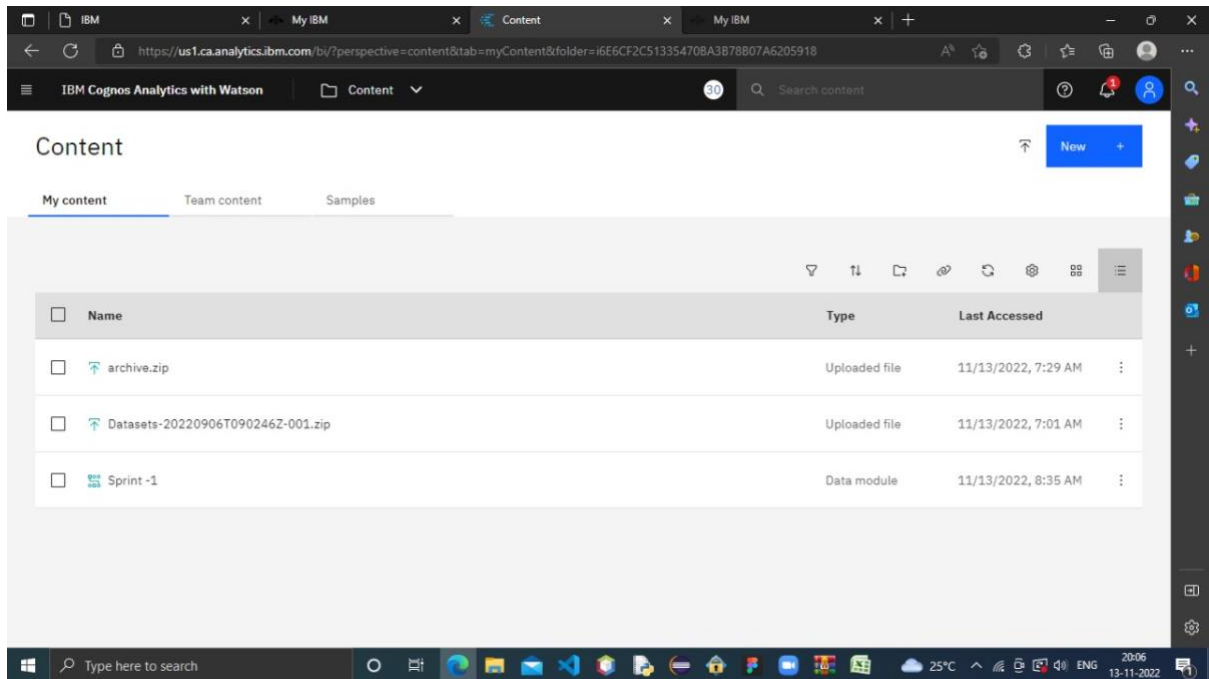
7. Create Relationship among data:



8. Save the dataset after preparing the data

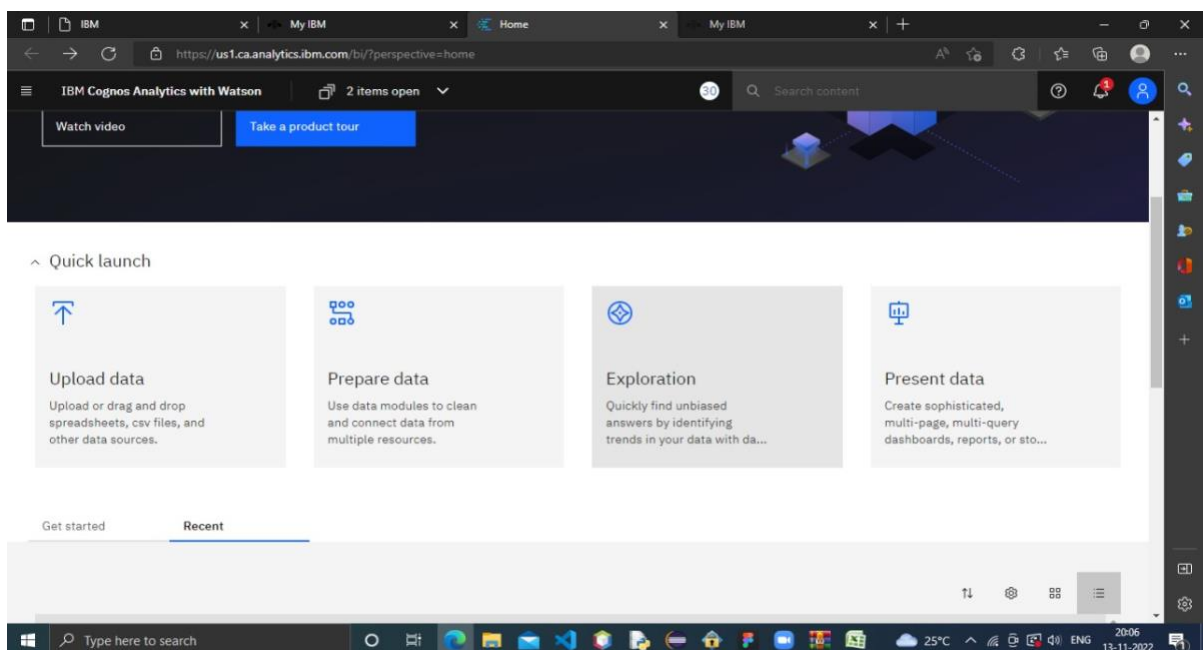


9. Open content from the hamburger menu



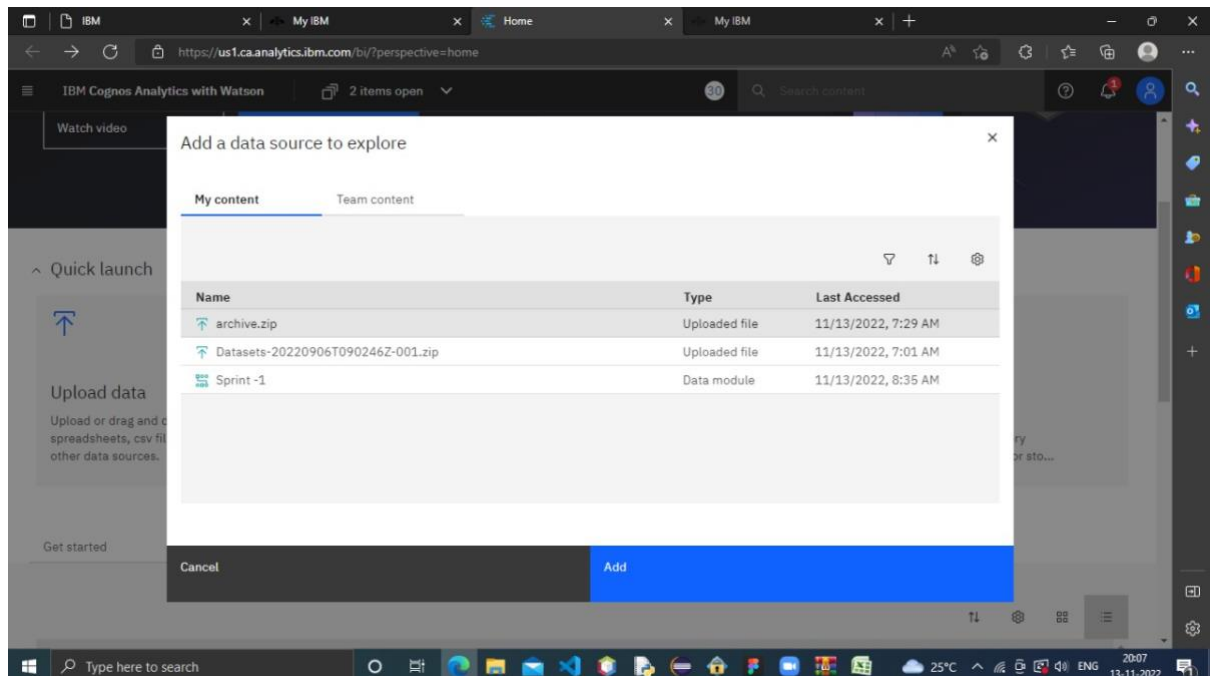
DATA EXPLORATION PHASE:

10. Data exploration

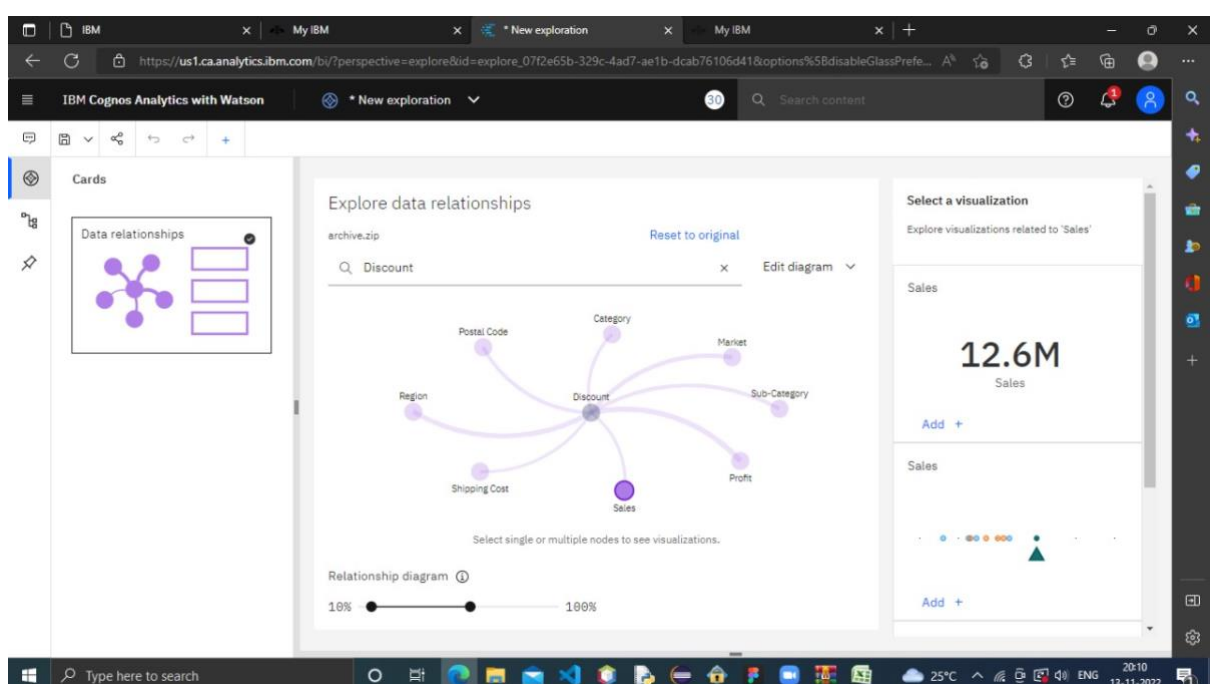


11. Select the data to be explored

Browse the cleaned and prepared data and choose my content from the menu



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



13. Save the exploration

