

PROJECT DEVELOPMENT PHASE

SPRINT -2

Team ID	PNT2022TMID04990
Project Name	Global Sales Data Analytics

1. DATA PREPARATION PHASE

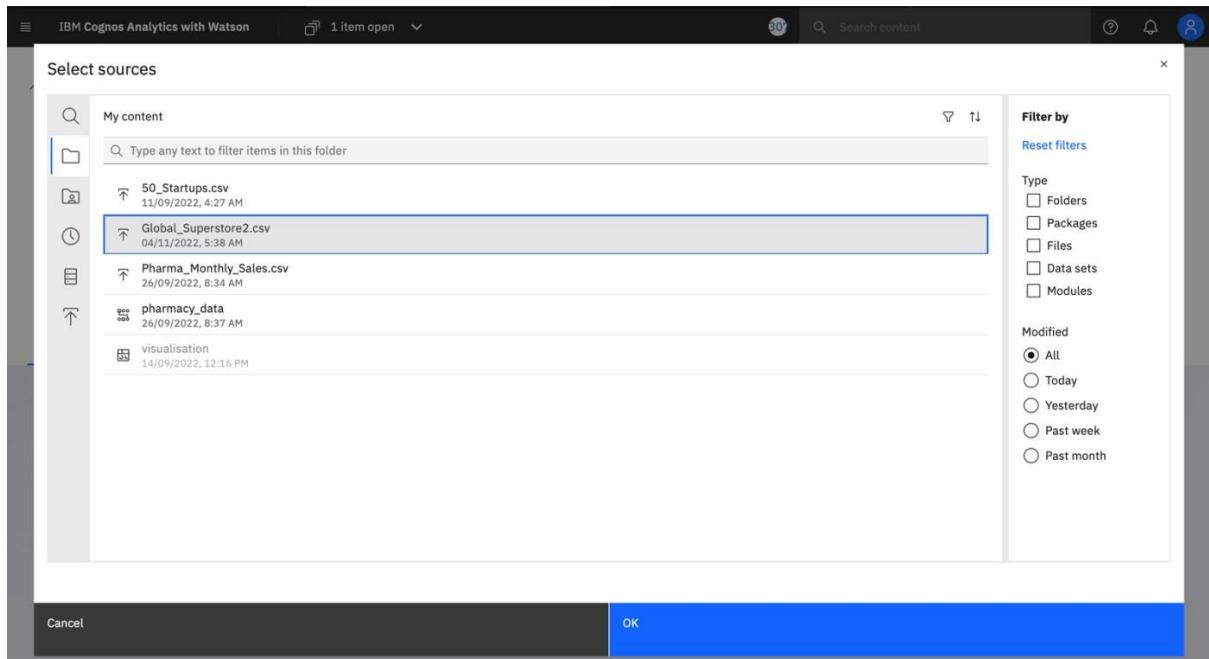
OPEN IBM COGNOS DASHBOARD

The screenshot shows the IBM Cognos Analytics dashboard. At the top, there's a header bar with the text "IBM Cognos Analytics with Watson", a search bar, and user profile icons. Below the header, there's a "Quick launch" section with four tiles: "Upload data" (with an upload icon), "Prepare data" (with a data icon), "Exploration" (with a magnifying glass icon), and "Present data" (with a presentation icon). Each tile has a brief description of its function. Below this, there's a "Get started" section with a "Recent" tab. It contains three main areas: "How-to videos" (with a link to "Watch videos"), "Accelerator Catalog" (with a link to "Browse catalog"), and "Learning resources" (with a link to "Launch the learn pane"). An illustration of people working together is also present in the "Get started" section.

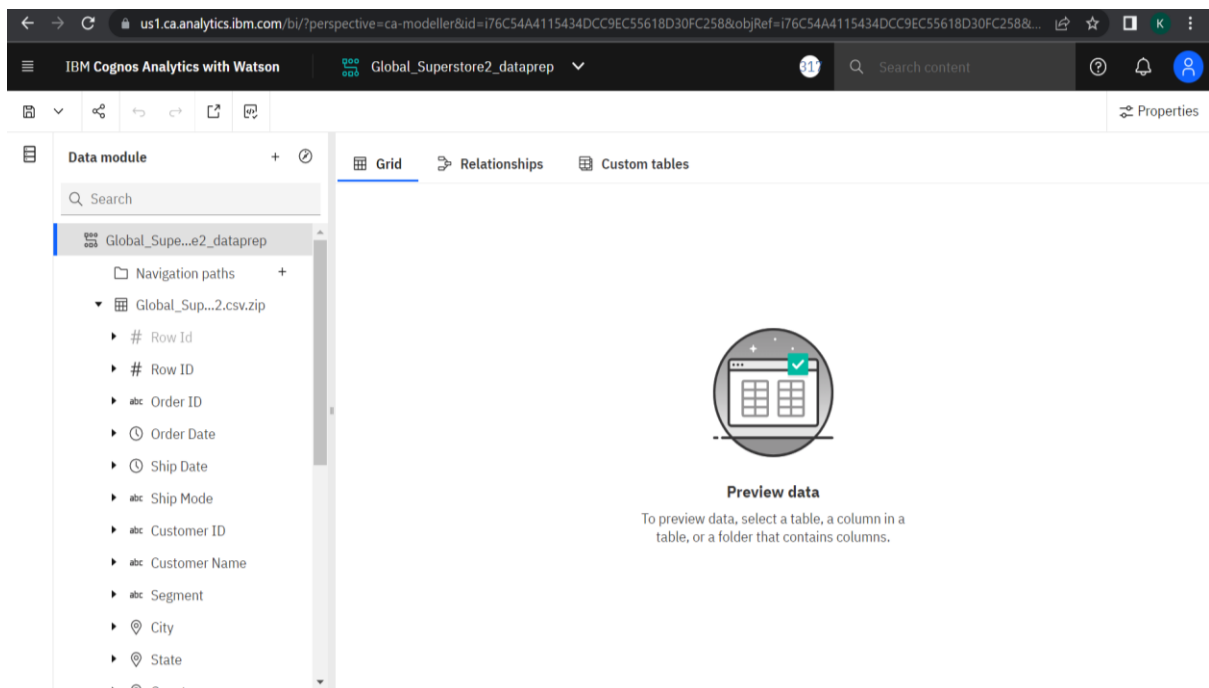
PREPARATION PHASE:

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

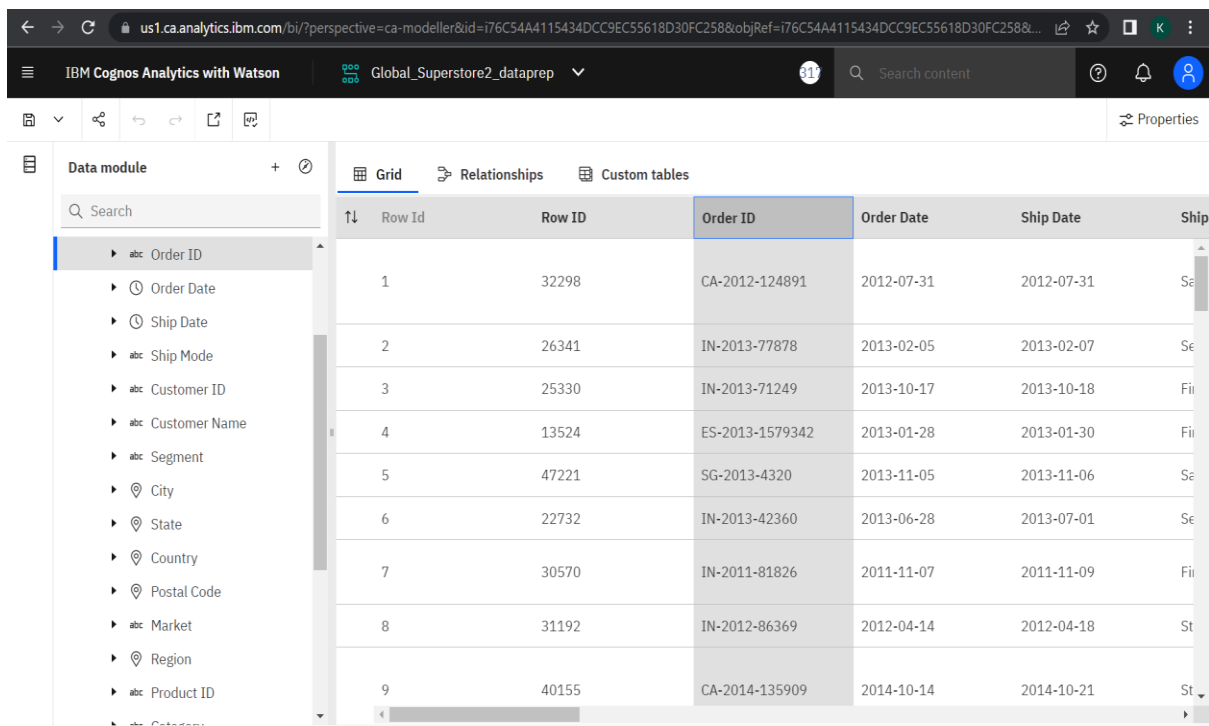
NOW CLICK ON THE PREPARE DATA AND THEN SELECT THE UPLOADED DATASET FROM THE MENU



EXPLORE THE DATA MODULES



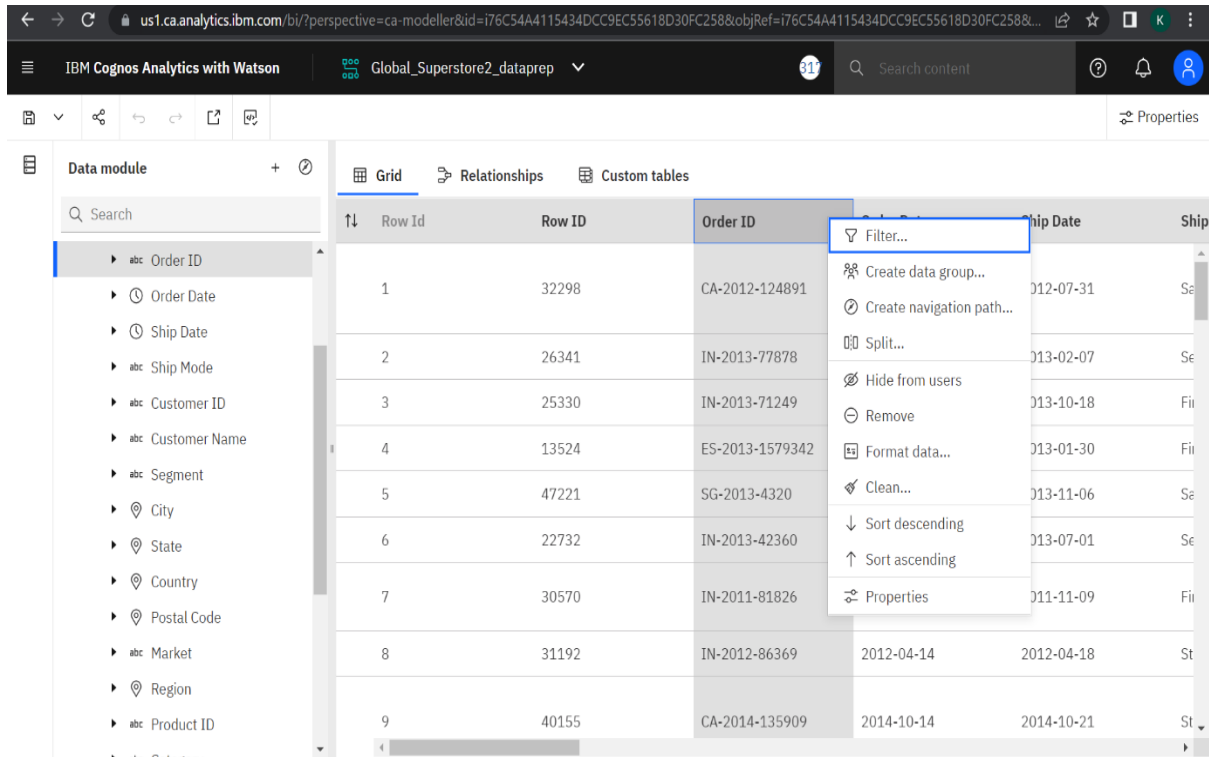
UNDERSTANDING THE DATA



The screenshot shows the IBM Cognos Analytics interface. The top navigation bar includes the URL, IBM Cognos Analytics with Watson logo, and a search bar. The main area displays a data module with a grid view. The left sidebar shows a search bar and a list of data fields. The grid view shows a table with columns: Row Id, Row ID, Order ID, Order Date, Ship Date, and Ship. The data is sorted by Row ID in ascending order.

Row Id	Row ID	Order ID	Order Date	Ship Date	Ship
1	32298	CA-2012-124891	2012-07-31	2012-07-31	Se
2	26341	IN-2013-77878	2013-02-05	2013-02-07	Se
3	25330	IN-2013-71249	2013-10-17	2013-10-18	Fil
4	13524	ES-2013-1579342	2013-01-28	2013-01-30	Fil
5	47221	SG-2013-4320	2013-11-05	2013-11-06	Se
6	22732	IN-2013-42360	2013-06-28	2013-07-01	Se
7	30570	IN-2011-81826	2011-11-07	2011-11-09	Fil
8	31192	IN-2012-86369	2012-04-14	2012-04-18	St
9	40155	CA-2014-135909	2014-10-14	2014-10-21	St

FILTERING THE DATA



The screenshot shows the IBM Cognos Analytics interface with a context menu open over the Order ID column. The menu options include: Filter..., Create data group..., Create navigation path..., Split..., Hide from users, Remove, Format data..., Clean..., Sort descending, Sort ascending, and Properties.

Row Id	Row ID	Order ID	Order Date	Ship Date	Ship
1	32298	CA-2012-124891	2012-07-31	2012-07-31	Se
2	26341	IN-2013-77878	2013-02-05	2013-02-07	Se
3	25330	IN-2013-71249	2013-10-17	2013-10-18	Fil
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CHOOSE THE REQUIRED FIELDS TO BE FILTERED

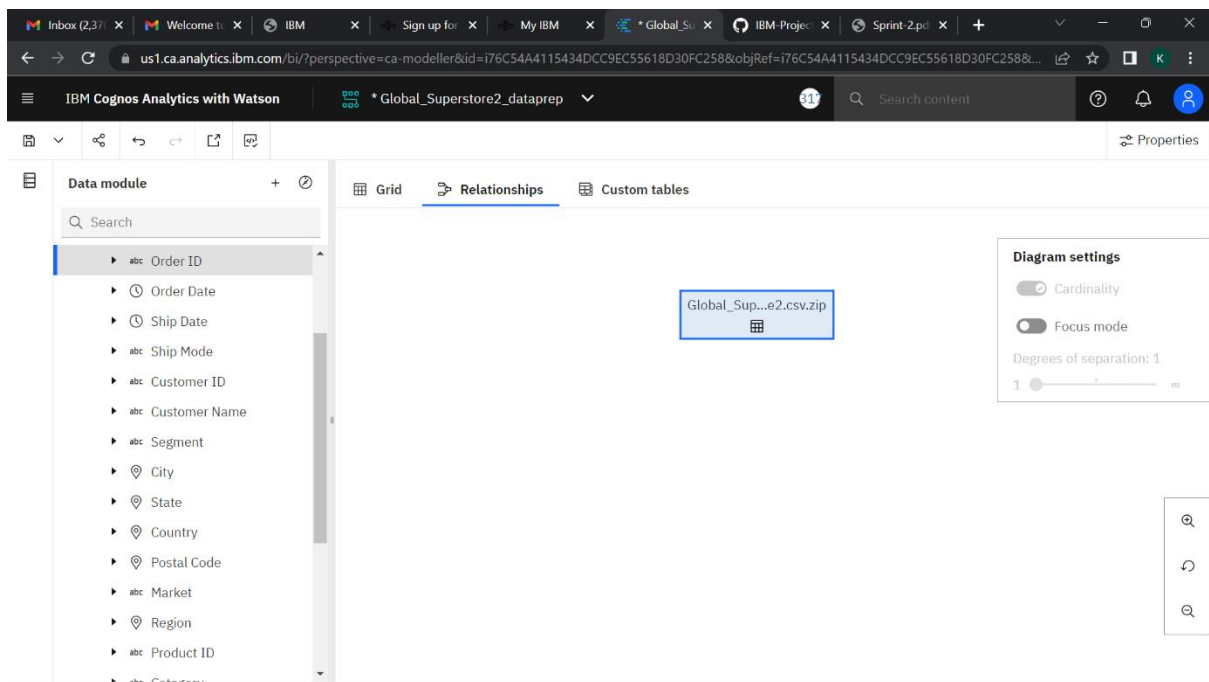
The screenshot shows the IBM Cognos Analytics interface. A 'Filter - Order ID' dialog box is open, allowing the user to select specific Order IDs for filtering. The dialog includes a search bar, a list of Order IDs with checkboxes, and buttons for 'Clear all', 'Invert', 'Cancel', and 'OK'. The background displays a data table with columns such as 'Ship Date' and 'Ship Mode'.

Order ID	Ship Date	Ship Mode
AG-2012-5400	2012-07-31	Sea
AG-2012-6020	2013-02-07	Sea
AG-2012-6390	2013-10-18	Fir
AG-2012-7530	2013-01-30	Fir
AG-2012-8490	2013-11-06	Sea
AG-2012-8660	2013-07-01	Sea
AG-2013-2580	2011-11-09	Fir
AG-2013-2690	2012-04-18	St
AG-2013-2840	2014-10-21	St

The screenshot shows the IBM Cognos Analytics interface. A 'Filter - Order ID' dialog box is open, allowing the user to select specific Order IDs for filtering. The dialog includes a search bar, a list of Order IDs with checkboxes, and buttons for 'Clear all', 'Invert', 'Cancel', and 'OK'. The background displays a data table with columns such as 'Ship Date' and 'Ship Mode'.

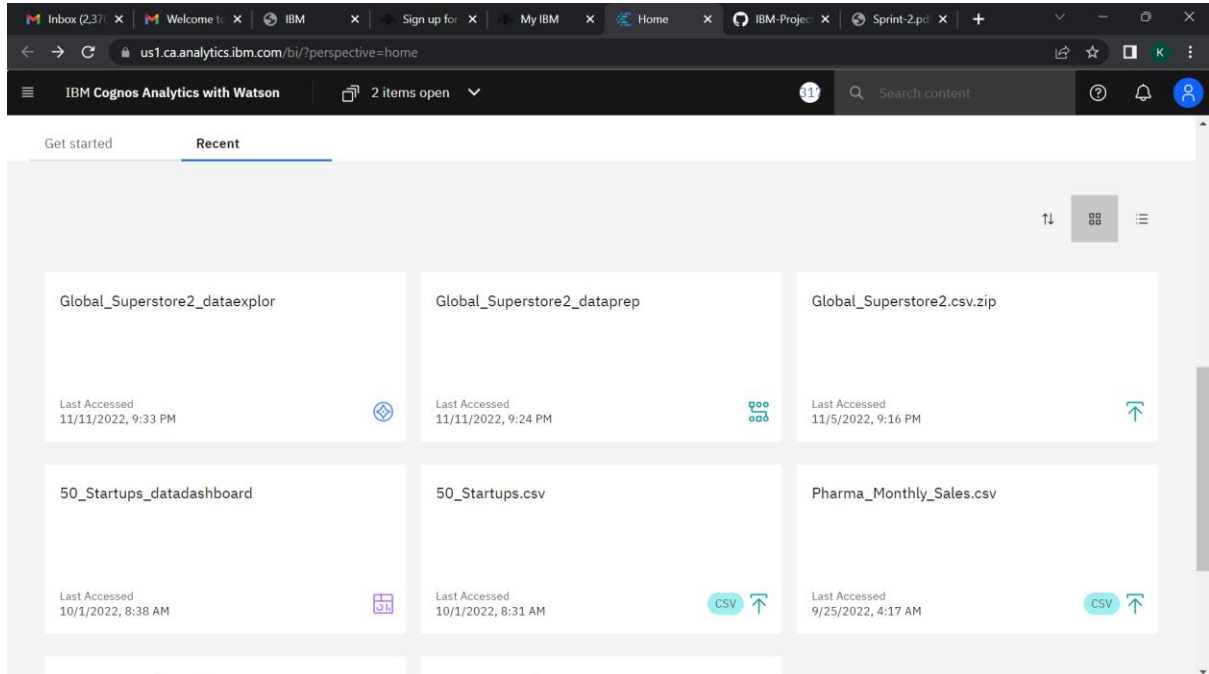
Order ID	Ship Date	Ship Mode
IN-2011-10055	2012-07-31	Sea
IN-2011-10265	2013-02-07	Sea
IN-2011-10286	2013-10-18	Fir
IN-2011-10328	2013-01-30	Fir
IN-2011-10363	2013-11-06	Sea
IN-2011-10384	2013-07-01	Sea
IN-2011-10419	2011-11-09	Fir
IN-2011-10426	2012-04-18	St
	2014-10-21	St

CREATING RELATIONSHIPS AMONG THE DATA



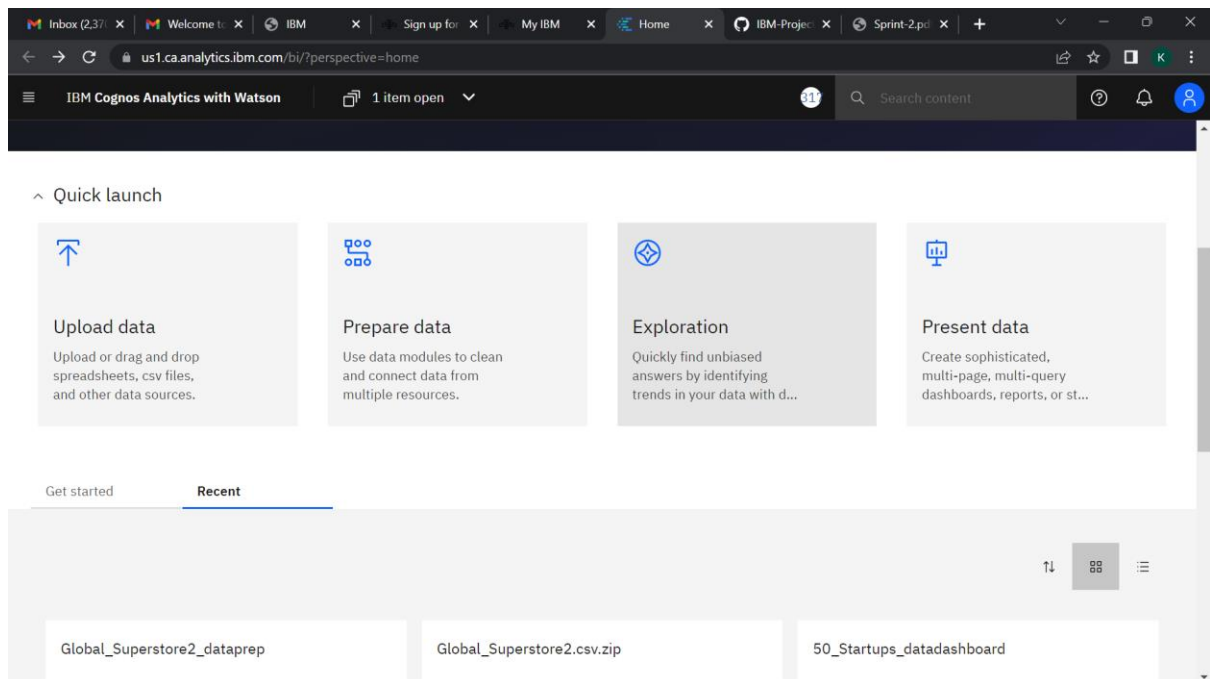
SAVE THE DATASET AFTER PREPARING THE DATA

AFTER THAT IF YOU OPEN THE CONTENT FROM THE MENU BAR THE UPLOADED FILES /DATA WILL BE AVAILABLE



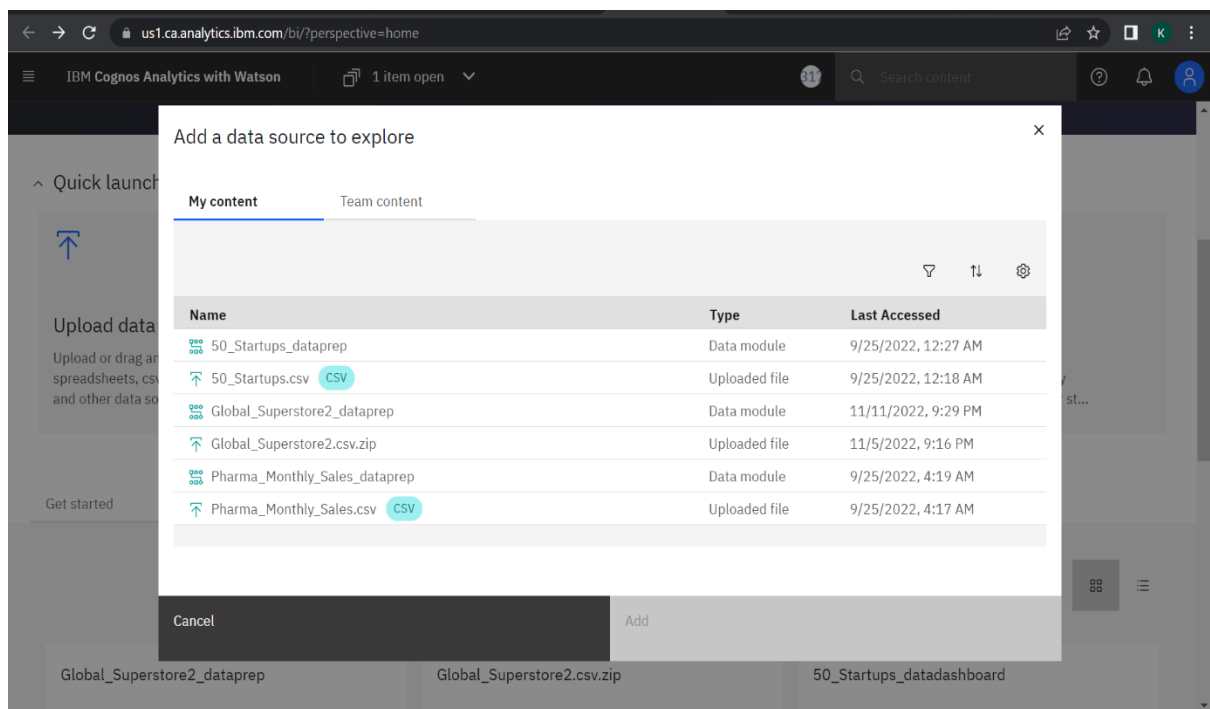
2. DATA EXPLORATION PHASE

CLICK ON THE EXPLORATION OPTION TO EXPLORE THE DATA

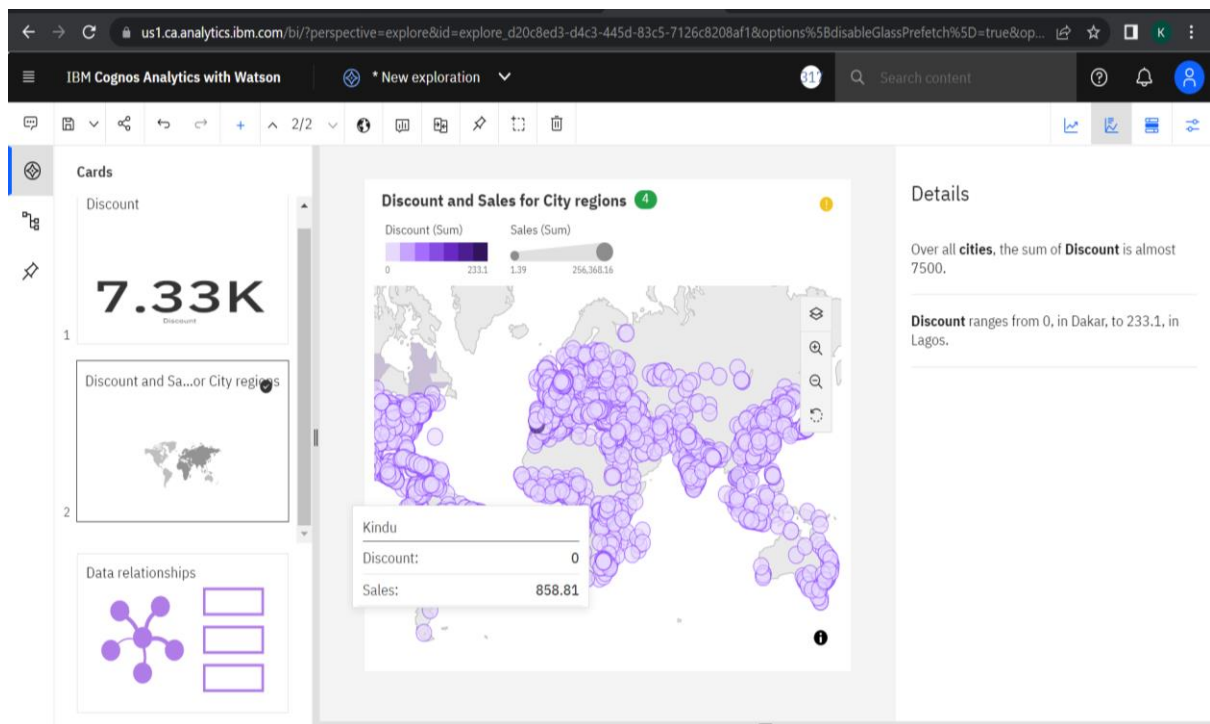


SELECT THE DATA TO BE EXPLORED

(HERE SELECT THE THE DATA THAT WE HAVE PREPARED IN THE PREPARATION PHASE)



EXPLORE THE DATA AND CREATE RELATIONSHIPS AMONG THE DATA



SAVE THE EXPLORATION

