

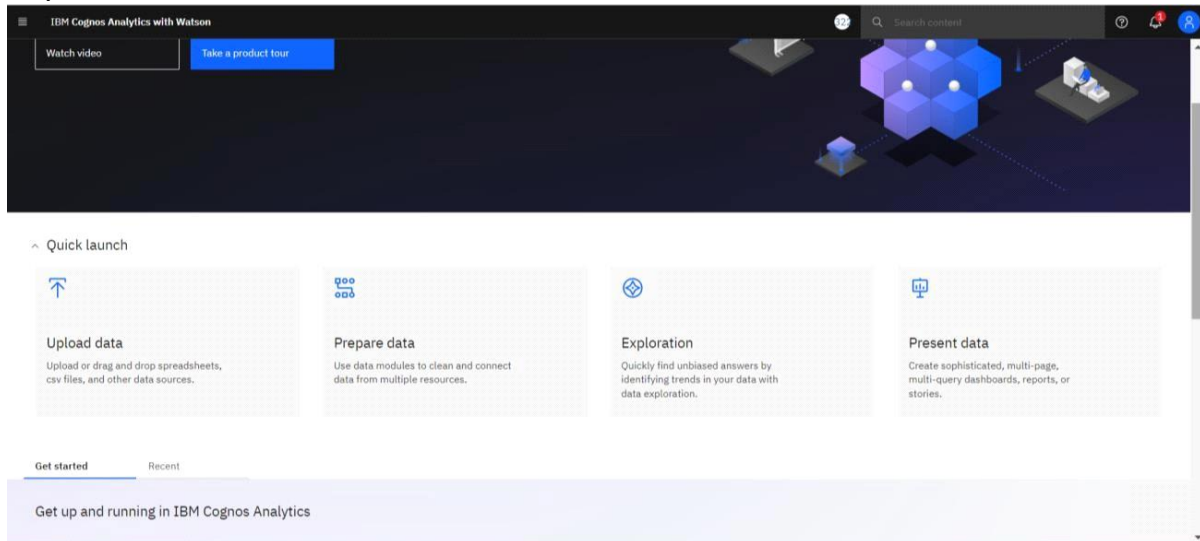
PROJECT DEVELOPMENT PHASE

SPRINT-2

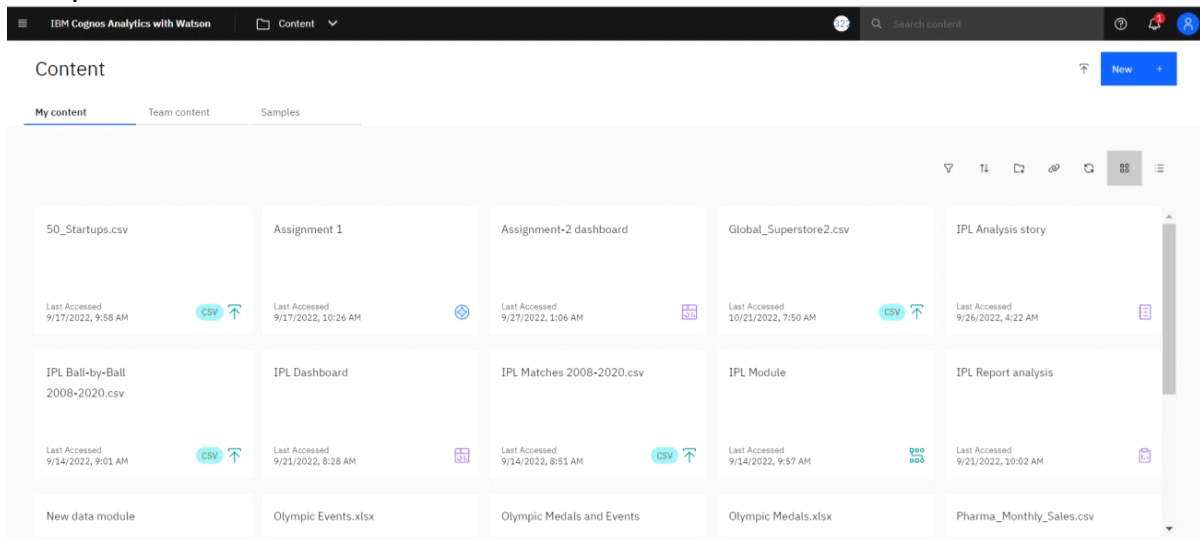
Date	14 NOVEMBER 2022
Team ID	PNT2022TMID27950
Project Name	Global Sales Data Analytics

DATA PREPARATION

Upload the data

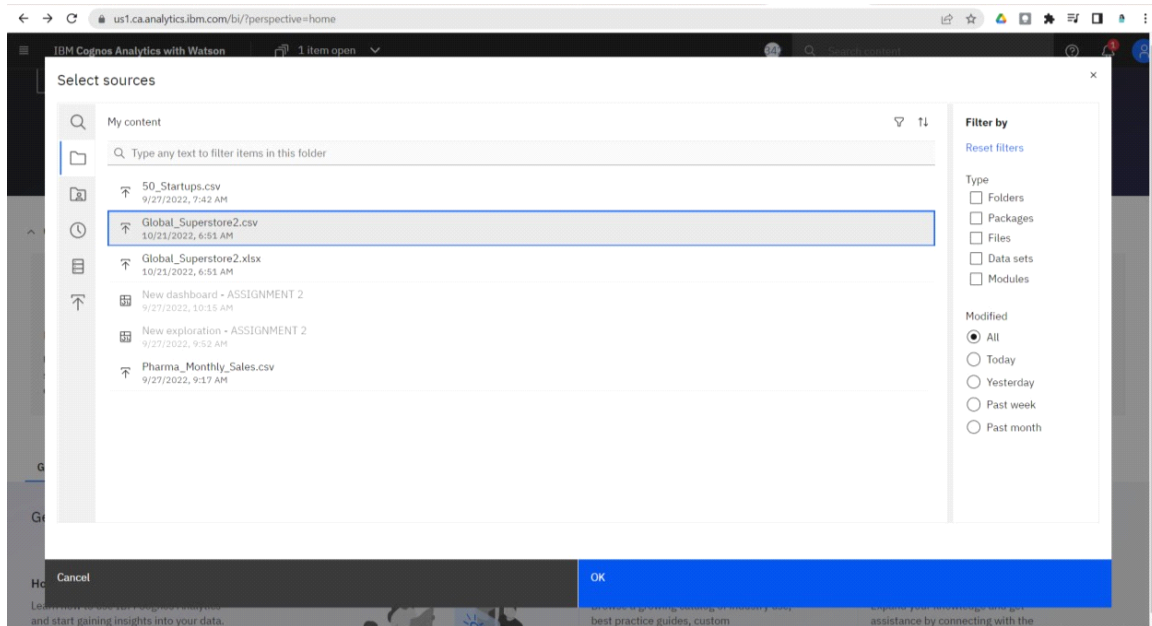


Prepare the dataset



Select the dataset

- First understand and load the data.



- Since there is only single file, there need not be relationships or custom tables for the data.

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
11	CA-2011-102988	2011-04-05	2011-04-09	Second Class	GM-14695

- To Prepare the data, we need to verify it is clean. There must be no null values. If there are null values, there will be empty data.

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane 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, and Quantity. The main area displays a table with columns: Row ID, Order ID, Ship Date, Ship Mode, and Customer ID. A context menu is open over the 'Order ID' column, showing 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	Ship Date	Ship Mode	Customer ID	
1	CA-2012	2012-07-31	Same Day	RH-19495	
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The screenshot shows the 'Filter - Order ID' dialog box. It has a search bar and a list of Order IDs with checkboxes. The 'Clean all' button is visible at the bottom left, and the 'Invert' button is at the bottom right. The 'Cancel' and 'OK' buttons are at the bottom of the dialog.

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 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"/>

- Once cleaned, the data is saved.