Project Development Phase

Sprint-1 (Create Data Module)

| Team ID	PNT2022TMID17956
Project Name	Project - Global Sales Data Analytics

Loading the dataset:

The dataset Global_Superstore2 is loaded into the IBM Cognos Analytics using upload Data in home page window.
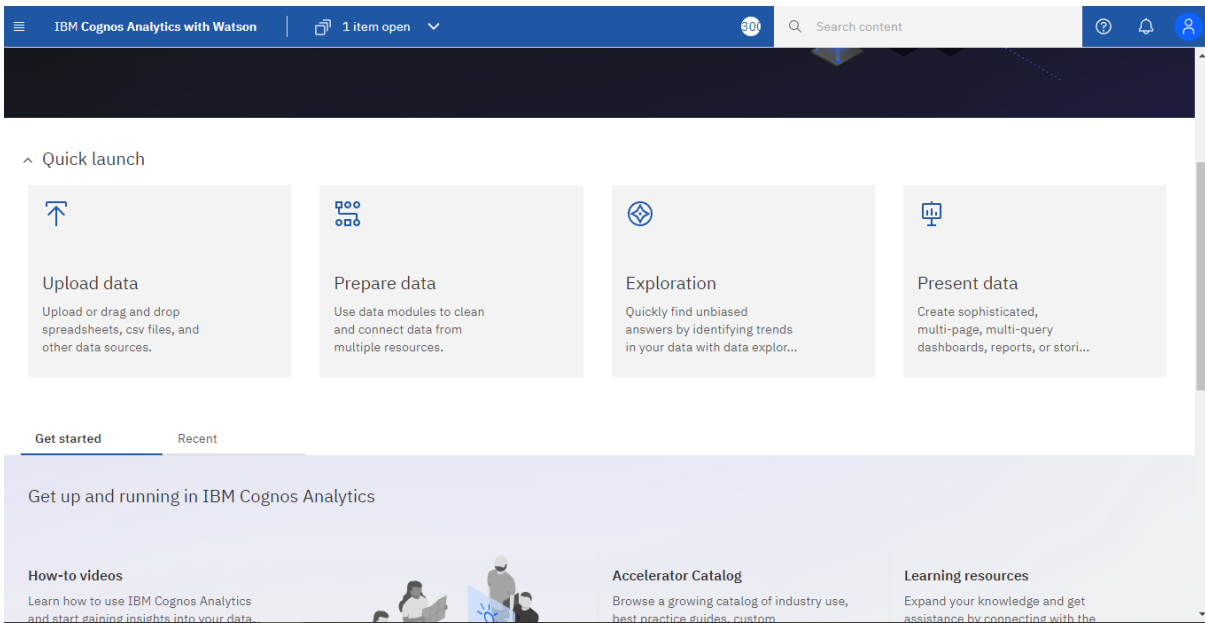
Preparing the dataset:

The dataset Global_Superstore2 is uploaded into IBM Cognos successfully. Then it is taken into pre-processing step by selecting preparing data . select source window open select the dataset and click ok.
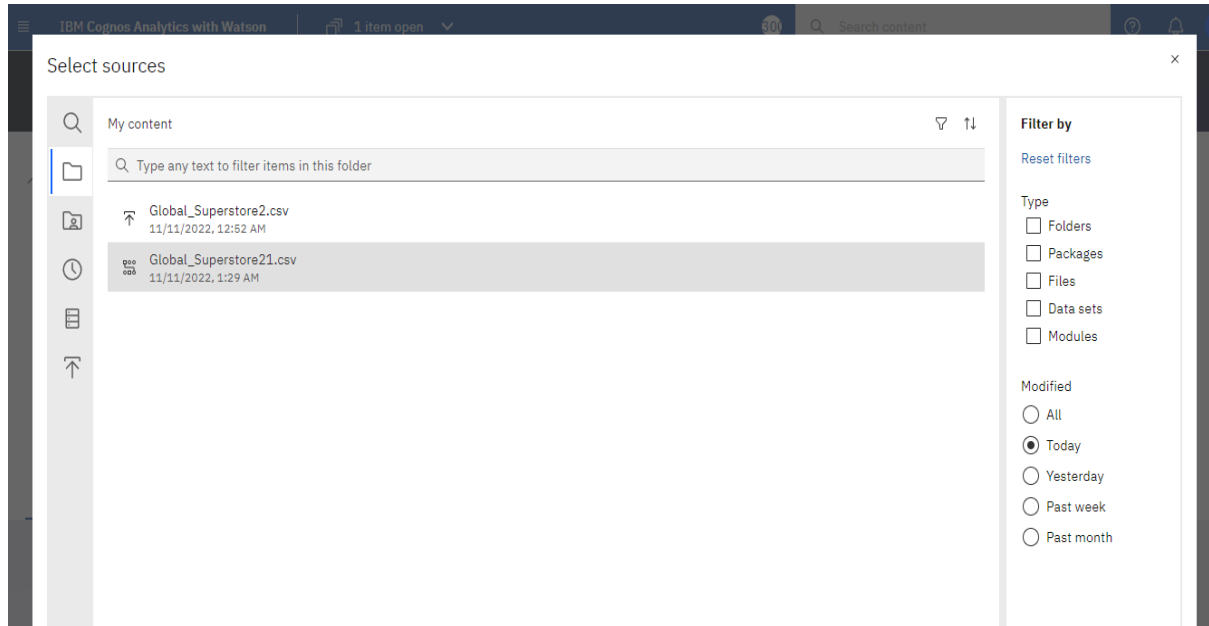
Pre-processing Dataset:

The dataset is preprocessed by splitting the order-date into three new columns as date , month , year and the postal code column is removed due to null values present in it.

Before preprocessing:

Row Id	Row ID	Order ID	Order Date	Ship Date	Ship Mode
5	47221	SG-2013-4320	2013-11-05	2013-11-06	Same Day
6	22732	IN-2013-42360	2013-06-28	2013-07-01	Second Class
7	30570	IN-2011-81826	2011-11-07	2011-11-09	First Class
8	31192	IN-2012-86369	2012-04-14	2012-04-18	Standard Class
9	40155	CA-2014-135909	2014-10-14	2014-10-21	Standard Class
10	40936	CA-2012-116638	2012-01-28	2012-01-31	Second Class
11	34577	CA-2011-102988	2011-04-05	2011-04-09	Second Class
12	28879	ID-2012-28402	2012-04-19	2012-04-22	First Class
13	45794	SA-2011-1830	2011-12-27	2011-12-29	Second Class
14	4132	MX-2012-130015	2012-11-13	2012-11-13	Same Day

↑↓	Segment	City	State	Country	Postal Code	Market
	Consumer	Dakar	Dakar	Senegal	Null	Africa
	Corporate	Sydney	New South Wales	Australia	Null	APAC
	Consumer	Porirua	Wellington	New Zealand	Null	APAC
	Consumer	Hamilton	Waikato	New Zealand	Null	APAC
	Corporate	Sacramento	California	United States	95823	US
	Consumer	Concord	North Carolina	United States	28027	US
	Corporate	Alexandria	Virginia	United States	22304	US
	Corporate	Kabul	Kabul	Afghanistan	Null	APAC
	Consumer	Jizan	Jizan	Saudi Arabia	Null	EMEA
					Null	LATAM

After pre-processing:

Order ID	Order Date	Year	Month	Day	Ship Date
CA-2012-124891	2012-07-31	2012	7	31	2012-07
IN-2013-77878	2013-02-05	2013	2	5	2013-02
IN-2013-71249	2013-10-17	2013	10	17	2013-10
ES-2013-1579342	2013-01-28	2013	1	28	2013-01
SG-2013-4320	2013-11-05	2013	11	5	2013-11
IN-2013-42360	2013-06-28	2013	6	28	2013-07
IN-2011-81826	2011-11-07	2011	11	7	2011-11
IN-2012-86369	2012-04-14	2012	4	14	2012-04
CA-2014-135909	2014-10-14	2014	10	14	2014-10

...nent	City	State	Country	Market	Region
...umer	New York City	New York	United States	US	East
...orate	Wollongong	New South Wales	Australia	APAC	Oceania
...umer	Brisbane	Queensland	Australia	APAC	Oceania
...e Office	Berlin	Berlin	Germany	EU	Central
...umer	Dakar	Dakar	Senegal	Africa	Africa
...orate	Sydney	New South Wales	Australia	APAC	Oceania
...umer	Porirua	Wellington	New Zealand	APAC	Oceania
...umer	Hamilton	Waikato	New Zealand	APAC	Oceania
...orate	Sacramento	California	United States	US	West