

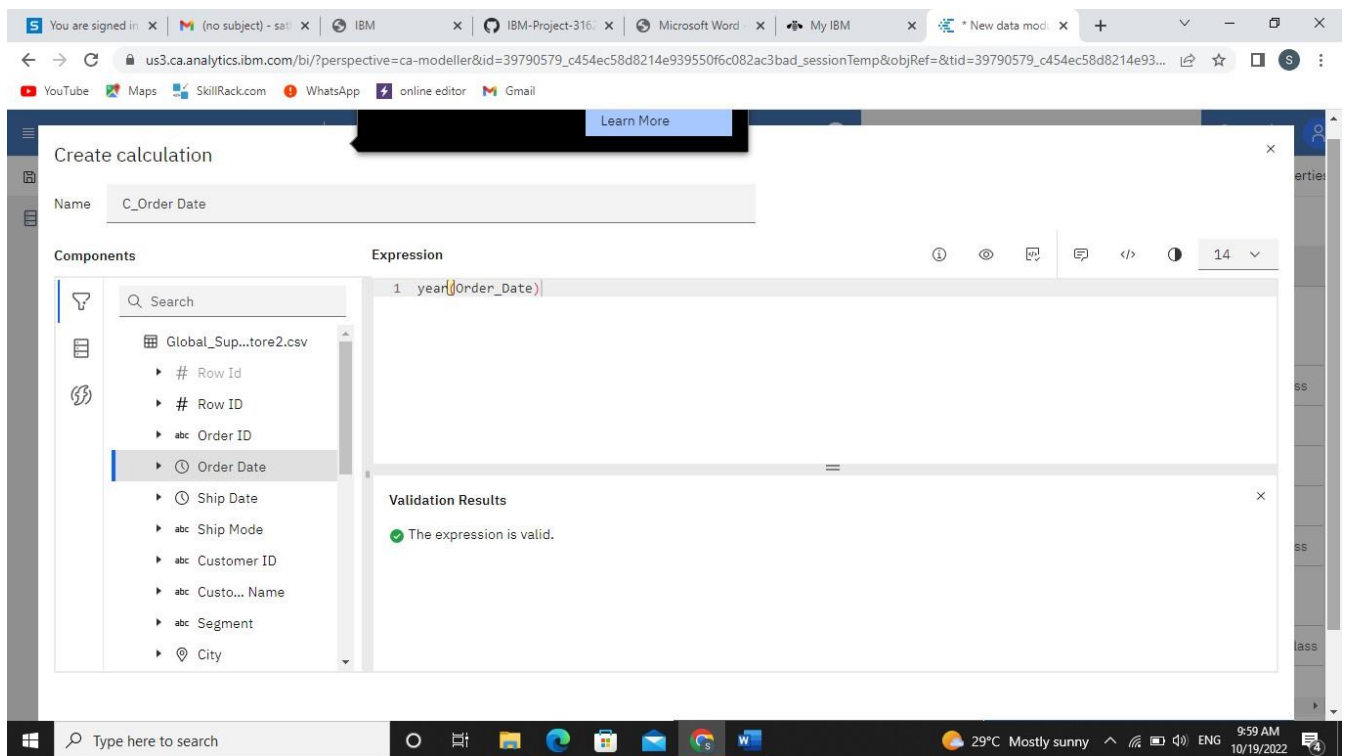
PREPARING THE DATASET

Team ID	PNT2022TMID36312
Project Name	Global Sales Data Analytics

Once you load the data, we need to Prepare the data.

- Prepare Calculations of Year, Month, Day fields and the related Navigation path
- Create a Few more Calculations – Target Sales, Min Sales, Max Sales, Middle Range Sales.

Year of Order date:



The screenshot displays the 'Create calculation' window in the IBM Analytics environment. The 'Name' field is set to 'C_Order Date'. The 'Expression' field contains the formula '1 year(Order_Date)'. The 'Components' panel on the left lists available fields from the 'Global_Sup...tore2.csv' dataset, including 'Row Id', 'Order Date', 'Ship Date', 'Ship Mode', 'Customer ID', 'Customer Name', 'Segment', and 'City'. The 'Order Date' field is selected. A 'Validation Results' panel at the bottom right confirms that 'The expression is valid.' The interface includes a search bar, a 'Learn More' button, and a taskbar at the bottom showing the system time as 9:59 AM on 10/19/2022.

Month of Order date:

The screenshot shows the 'Create calculation' dialog in IBM Cognos Analytics. The 'Name' field is 'C_Order Date'. The 'Expression' field contains the formula `1 month([Order Date])`. The 'Components' pane on the left shows a search bar and a list of fields from the 'Global_Sup...tore2.csv' data source, including 'Order Date'. An 'Information' pop-up is visible, explaining the `month` function: it returns the month (an integer from 1-12) from a date expression, with an example showing `month(2005-11-01)` returning 11.

The screenshot shows the main view of IBM Cognos Analytics. The 'Data module' pane on the left shows the 'Global_Su...tore2.csv' data source. The main area displays a table with the following columns: 'month of Order Date', 'year of Order Date', 'Row Id', 'Row ID', 'Order ID', and 'Order Date'. The table contains 11 rows of data.

month of Order Date	year of Order Date	Row Id	Row ID	Order ID	Order Date
7	2012	1	32298	CA-2012-124891	2012-07-31
2	2013	2	26341	IN-2013-77878	2013-02-05
10	2013	3	25330	IN-2013-71249	2013-10-17
1	2013	4	13524	ES-2013-1579342	2013-01-28
11	2013	5	47221	SG-2013-4320	2013-11-05
6	2013	6	22732	IN-2013-42360	2013-06-28
11	2011	7	30570	IN-2011-81826	2011-11-07
4	2012	8	31192	IN-2012-86369	2012-04-14

After Preparing saving the Dataset as:

Save as

Name: Global_Superstore2_dataprep

Selected destination: Team content

My content Team content

Name	Type	Last Accessed
Calendars	Folder	9/17/2022, 8:55 AM
Get started	Folder	9/17/2022, 8:55 AM

Cancel Save

Order Date

891	2012-07-31
78	2013-02-05
49	2013-10-17
9342	2013-01-28
0	2013-11-05
60	2013-06-28
26	2011-11-07
69	2012-04-14