

PREPARING THE DATASET

Team ID	PNT2022TMID20639
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 shows the 'Create calculation' dialog box in the IBM Analytics interface. The 'Name' field is set to 'C_Order Date'. The 'Expression' field contains the formula '1 year([Order_Date])'. The 'Components' list on the left includes fields from the 'Global_Sup...tore2.csv' dataset, with 'Order Date' selected. A 'Validation Results' panel at the bottom indicates 'The expression is valid.' The background shows a web browser with the URL 'us3.ca.analytics.ibm.com' and a Windows taskbar at the bottom with the date '10/19/2022'.

Month of Order date:

IBM Cognos Analytics with Watson

Create calculation

Name: C_Order Date

Components

- Global_Sup...tore2.csv
 - # year of...r Date
 - # Row Id
 - # Row ID
 - abc Order ID
 - Order Date
 - Ship Date
 - abc Ship Mode
 - abc Customer ID
 - abc Custo... Name
 - abc Segment

Expression

```
1 month(Order_Date)
```

Information

`month (date_expression)`

Returns the month (an integer from 1-12) from "date_expression".

`month (2005-11-01):`

Result: Returns 11.

29°C Mostly sunny 10:02 AM 10/19/2022

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Data module

Grid

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

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After Preparing saving the Dataset as:

The screenshot shows the IBM Cognos Analytics web interface. A 'Save as' dialog box is open, allowing the user to save a dataset. The dialog box has a 'Name' field containing 'Global_Superstore2_dataprep'. Below the name field, it says 'Selected destination: Team content'. There are two tabs: 'My content' and 'Team content', with 'Team content' being the active tab. Below the tabs is a table listing content items:

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

At the bottom of the dialog box are 'Cancel' and 'Save' buttons. The background shows the IBM Cognos Analytics dashboard with a sidebar on the left and a main content area on the right. The Windows taskbar is visible at the bottom of the screen.