

## 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 displays the 'Create calculation' window in the IBM Analytics environment. The 'Name' field is set to 'C\_Order Date'. The 'Components' list on the left includes fields from the 'Global\_Sup...tore2.csv' dataset, with 'Order Date' selected. The 'Expression' field contains the formula '1 year(Order\_Date)'. Below the expression, the 'Validation Results' section shows a green checkmark and the message 'The expression is valid.' The interface is running in a web browser with multiple tabs open, including 'IBM-Project-316' and 'Microsoft Word'. The Windows taskbar at the bottom shows the date as 10/19/2022 and the time as 9:59 AM.

## Month of Order date:

**Create calculation**

Name: C\_Order Date

Expression: 1 month(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

**Information**

month ( date\_expression )

Returns the month (an integer from 1-12) from "date\_expression".

month ( 2005-11-01 ):

Result: Returns 11.

**Data module**

Global\_Su...tore2.csv

**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

## After Preparing saving the Dataset as:

