

## Preparing The Dataset

Team ID	PNT2022TMID54250
Project Name	Global sales data analytics
Maximum Marks	4 Marks

## Problem Statement

Shopping online is currently the need of the hour. Because of this COVID, it's not easy to walk in a store randomly and buy anything you want. So, try to understand a few things like, Customer Analysis and Product Analysis of this Global Super Store.

**Dataset link:** [Global Super Store Dataset | Kaggle](#)

## Preparing the dataset

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

- a. Prepare Calculations of Year, Month, Day fields and also the related Navigation path

## Prepare Calculations of Year, Month, Day fields and also the related Navigation path

The screenshot displays the 'Edit calculation' window in IBM Cognos Analytics. The 'Name' field is set to 'Order\_day'. In the 'Components' pane on the left, a list of available fields is shown, with 'Order\_day' selected and highlighted by a blue box. The 'Expression' pane on the right contains the formula `1 day (Order_Date)`. A 'Validate' button is visible next to the expression. Below the expression pane, a 'Validation Results' section shows a green checkmark and the message 'The expression is valid.' The top of the interface includes the 'IBM Cognos Analytics with Watson' header, a 'New dashboard' button, a search bar, and user profile icons.

IBM Cognos Analytics with Watson

\* New dashboard

Search content

Edit calculation

Name: Order\_day

Components

- Global\_Sup...tore2.csv
- Order\_day
- Order\_year
- # Row ID
- abc Order ID
- Order Date
- Ship Date
- abc Ship Mode
- abc Customer ID
- abc Custo... Name
- abc Segment

Expression

1 day (Order\_Date)

Validate

Validation Results

✓ The expression is valid.

IBM Cognos Analytics with Watson

\* New dashboard

33

Search content

?

1

Edit calculation

Name

Order\_year

Components

Expression

14

Search

Global\_Sup...tore2.csv

All

Order\_month

Order\_day

Order\_year

# Row ID

abc Order ID

Order Date

Ship Date

abc Ship Mode

abc Customer ID

1

year

(

Order\_Date

)

Validation Results

✓ The expression is valid.

IBM Cognos Analytics with Watson

\* New dashboard

33

Search content

?

1

Edit calculation

Name

Order\_month

Components

Expression

14

Search

Global\_Sup...tore2.csv

Order\_month

Order\_day

Order\_year

# Row ID

abc Order ID

Order Date

Ship Date

abc Ship Mode

abc Customer ID

abc Custo... Name

1

month (Order\_Date)

Validate

Validation Results

✓ The expression is valid.

IBM Cognos Analytics with Watson

\* New dashboard

33

Search content

?

1

Edit calculation

Name

All

Components

Expression

14

Search

Global\_Sup...tore2.csv

All

Order\_month

Order\_day

Order\_year

# Row ID

abc Order ID

Order Date

Ship Date

abc Ship Mode

abc Customer ID

1

'All'

Validate

Validation Results

The expression is valid.