

Preparing The Dataset

Team ID	PNT2022TMID49363
Project Name	Project – 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' dialog in IBM Cognos Analytics. The 'Name' field is set to 'Order_Day'. The 'Expression' field contains the formula `day(Order_Date)`. A 'Validate' button is visible next to the expression. The 'Components' panel on the left shows a list of fields from the 'Global_Sup...tore2.csv' data source. The 'Order_Day' field is highlighted with a black box. Below the expression field, the 'Validation Results' section shows a green checkmark and the message 'The expression is valid.'

IBM Cognos Analytics with Watson Global_Sup...tore2 Dashboard

Search content

Edit calculation

Name Order_Day

Components

Search

- Global_Sup...tore2.csv
 - All
 - Order_Day**
 - Order_month
 - Order_year
 - # Row ID
 - Order Date
 - abc Ship Mode
 - abc Customer ID
 - abc Custo... Name
 - abc Segment

Expression

1 day(Order_Date)

Validate

Validation Results

✓ The expression is valid.

us1.ca.analytics.ibm.com/bi/?perspective=dashboard&id=i8B2A5839245B4D4F9D05D371E902E794&objRef=i8B2A5839245B4D4F9D05D371E902E794&options%5Bdisa...

IBM Cognos Analytics with Watson Global Superstore2 Dashboard

Edit calculation

Name

Components

Search

- Global_Sup...tore2.csv
 - All
 - Order_Day
 - Order_month
 - Order_year**
 - # Row ID
 - Order Date
 - abc Ship Mode
 - abc Customer ID
 - abc Custo... Name
 - abc Segment

Expression

```
1 year(Order_Date)
```

Validation Results

✓ The expression is valid.

IBM Cognos Analytics with Watson

Global_Superstore2 Dashboard

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Search content

?

1

Edit calculation

Name

Order_month

Components

Expression

14

▼

1

month(Order_Date)

Validation Results

✓

The expression is valid.

Search

Global_Sup...tore2.csv

▶

All

▶

Order_Day

▶

Order_month

▶

Order_year

▶

Row ID

▶

🕒 Order Date

▶

abc Ship Mode

▶

abc Customer ID

▶

abc Custo... Name

▶

abc Segment

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Global_Superstore2 Dashboard

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Search content

?

1

Edit calculation

X

Name

All

Components

Expression

14

Search

Global_Sup...tore2.csv

All

Order_Day

Order_month

Order_year

Row ID

Order Date

abc Ship Mode

abc Customer ID

abc Custo... Name

abc Segment

1

'All'

=

Validation Results

X

✓ The expression is valid.