

# Project Development Phase

## Delivery of Sprint-1

Date	3 NOVEMBER 2022
Team ID	PNT2022TMID54250
Project Name	Global Sales Data Analytics

## Project Development Phase:

### Sprint-1:

Registration and Data

### Sprint-2:

uploadData preprocessing

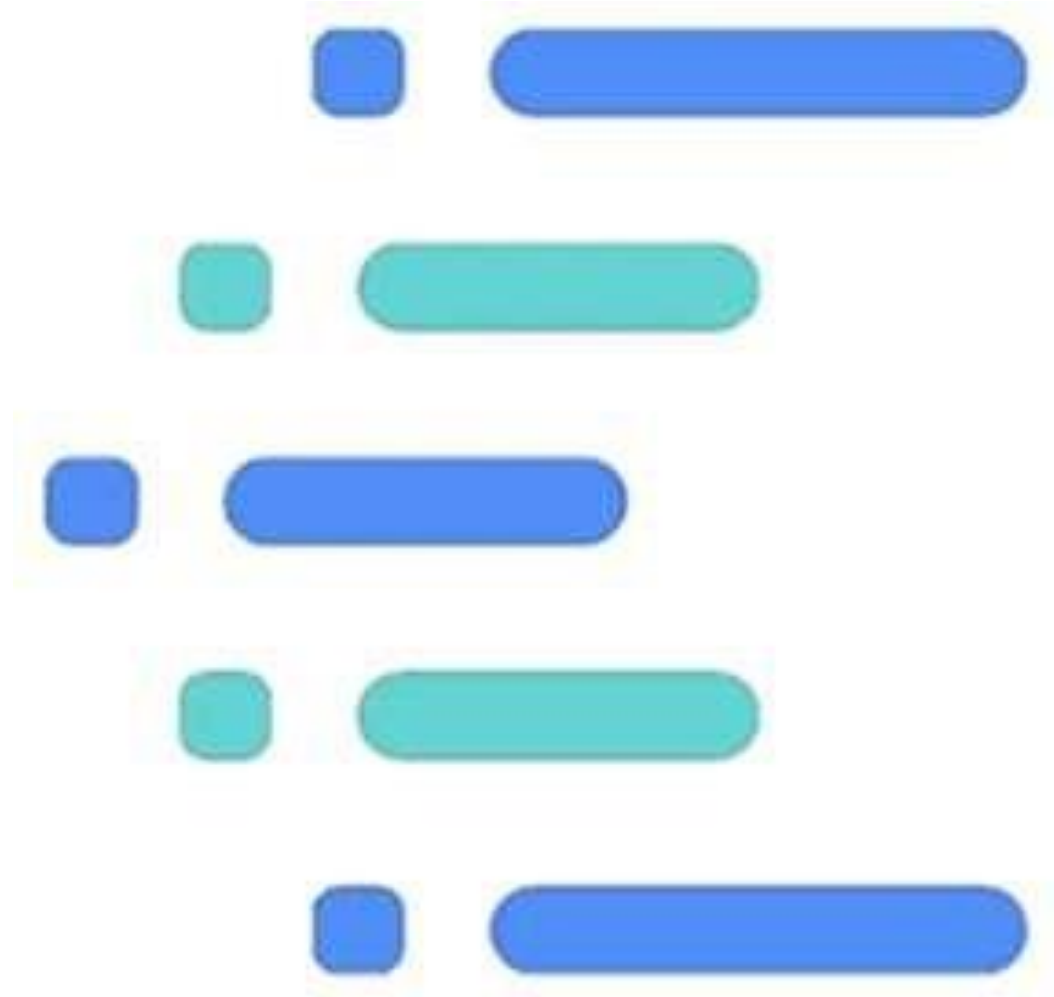
### Sprint-3:

Dashboard Exploration and Creation

### Sprint-4:

Report Story Creation

**TOOL USED: COGNOS ANALYTICS**



IBM

Cognos

Analytics

# DATA COLLECTION:

## Sprint -1:

Registration and Data upload

Download the Dataset: <https://www.kaggle.com/datasets/apoorvaappz/global-super-store-dataset>

IBM Cognos Analytics with Watson

30° Search content

### Hello. Welcome to Cognos Analytics with Watson.

You can get started right away by taking a look at our introduction video, product tour and Getting Started tab.

Watch video Take a product tour

#### Quick launch

##### Upload data

Upload or drag and drop spreadsheets, csv files, and other data sources.

##### Prepare data

Use data modules to clean and connect data from multiple resources.

##### Exploration

Quickly find unbiased answers by identifying trends in your data with data explor...

##### Present data

Create sophisticated, multi-page, multi-query dashboards, reports, or stori...

# DATA PREPARATION

## Prepare the Dataset

The screenshot displays the IBM Cognos Analytics interface. The top navigation bar includes the title 'IBM Cognos Analytics with Watson', a dropdown menu for '\* New data module', a search bar with 'Search content', and user profile icons. Below the navigation bar is a toolbar with icons for file operations. The left sidebar, titled 'Data module', contains a search bar and a list of items: 'New data module', 'Navigation paths', and 'Global\_Superstore2.csv' (which is selected). The main area shows a table view of the selected data module. The table has columns: 'Row Id', 'Row ID', 'Order ID', 'Order Date', 'Ship Date', 'Ship Mode', and 'Customer ID'. It displays 10 rows of data.

Row Id	Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID
1	32298	CA-2012-124891	2012-07-31	2012-07-31	Same Day	RH-19495
2	26341	IN-2013-77878	2013-02-05	2013-02-07	Second Class	JR-16210
3	25330	IN-2013-71249	2013-10-17	2013-10-18	First Class	CR-12730
4	13524	ES-2013-1579342	2013-01-28	2013-01-30	First Class	KM-16375
5	47221	SG-2013-4320	2013-11-05	2013-11-06	Same Day	RH-9495
6	22732	IN-2013-42360	2013-06-28	2013-07-01	Second Class	JM-15655
7	30570	IN-2011-81826	2011-11-07	2011-11-09	First Class	TS-21340
8	31192	IN-2012-86369	2012-04-14	2012-04-18	Standard Class	MB-18085
9	40155	CA-2014-135909	2014-10-14	2014-10-21	Standard Class	JW-15220
10	40936	CA-2012-116638	2012-01-28	2012-01-31	Second Class	JH-15985

# Order Day :

The screenshot shows the IBM Cognos Analytics with Watson interface. The top navigation bar includes the logo, a 'New dashboard' button, a search bar, and user profile icons. The main window is titled 'Edit calculation' and contains the following elements:

- Name:** A text field containing 'Order\_day'.
- Components:** A list of available components for the calculation, including 'Global\_Sup...tore2.csv', 'All', 'Order\_year', 'Order\_month', 'Order\_day', '# Row ID', 'abc Order ID', 'Order Date', 'Ship Date', 'abc Ship Mode', and 'abc Customer ID'.
- Expression:** A text area containing the expression '1 day (Order\_Date)'.
- Preview:** A table showing the results of the calculation. The table has two columns: 'Order\_day' and 'Order Date'. The first row shows '31' and '2012-07-31'. The second row shows '5' and '2013-02-05'.

The preview table data is as follows:

Order_day	Order Date
31	2012-07-31
5	2013-02-05

# Order Month:

IBM Cognos Analytics with Watson

New dashboard

33

Search content

Edit calculation

Name

Order\_month

Components

Expression

Search

Global\_Sup...tore2.csv

▶ All

▶ Order\_year

▶ Order\_month

▶ Order\_day

▶ # Row ID

▶ abc Order ID

▶ ⌚ Order Date

▶ ⌚ Ship Date

▶ abc Ship Mode

▶ abc Customer ID

1

month (Order\_Date)

Preview (Execution time: 1.167 seconds)

Refresh

Order_month	Order Date
7	2012-07-31
2	2013-02-05

# Order year:

IBM Cognos Analytics with Watson

New dashboard

336

Search content

Edit calculation

Name

Order\_year

Components

Expression

Search

Global\_Sup...tore2.csv

All

Order\_year

Order\_month

Order\_day

# Row ID

abc Order ID

Order Date

Ship Date

abc Ship Mode

abc Customer ID

1

year

(Order\_Date)

Preview

(Execution time: 0.895 seconds)

Refresh

Order_year	Order Date
2012	2012-07-31
2013	2013-02-05