

Project Development Phase

Delivery of Sprint-2

Date	12 November 2022
Team ID	PNT2022TMID01297
Project Name	Global Sales Data Analytics

Sprint-1:

Registration and Data upload

Sprint-2:

Data preprocessing

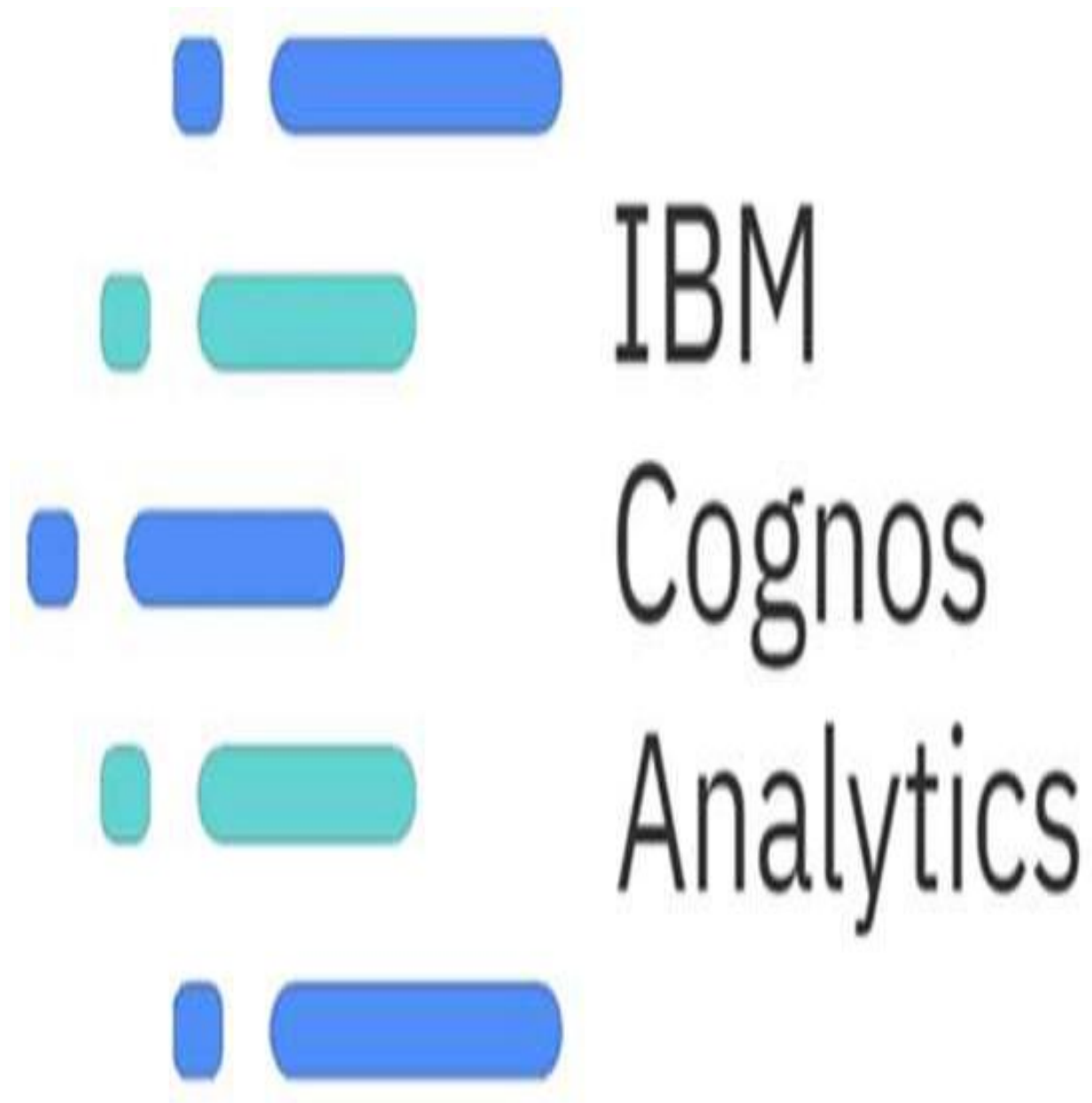
Sprint-3:

Dashboard Exploration and Creation

Sprint-4:

Report Creation
Story Creation

TOOL USED: COGNOS ANALYTICS



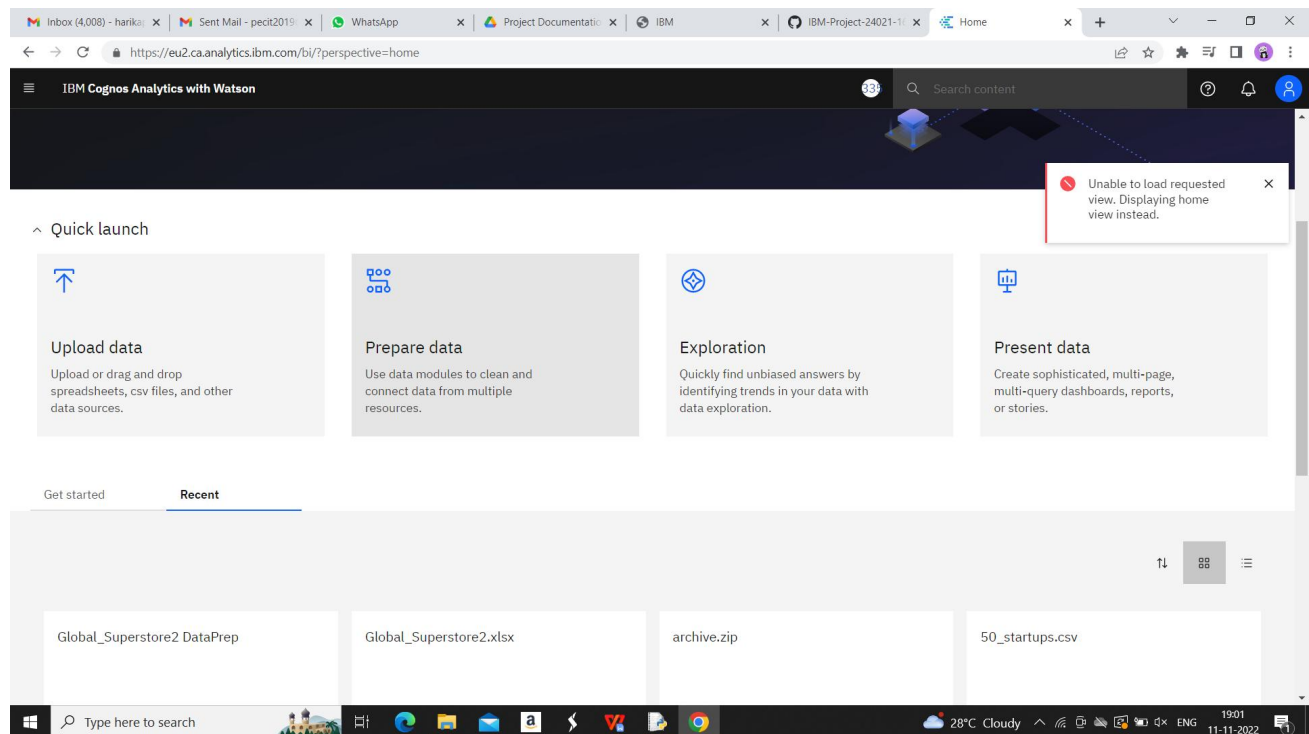
DATA PREPROCESSING:

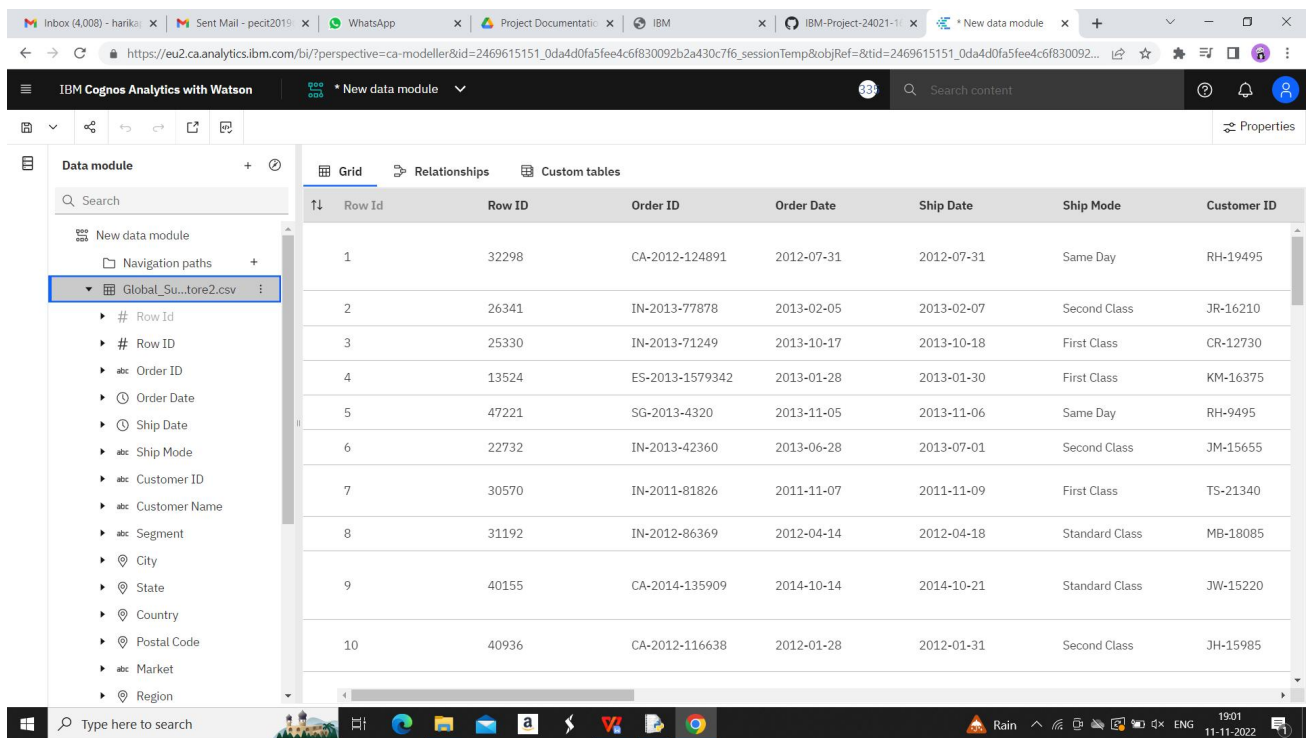
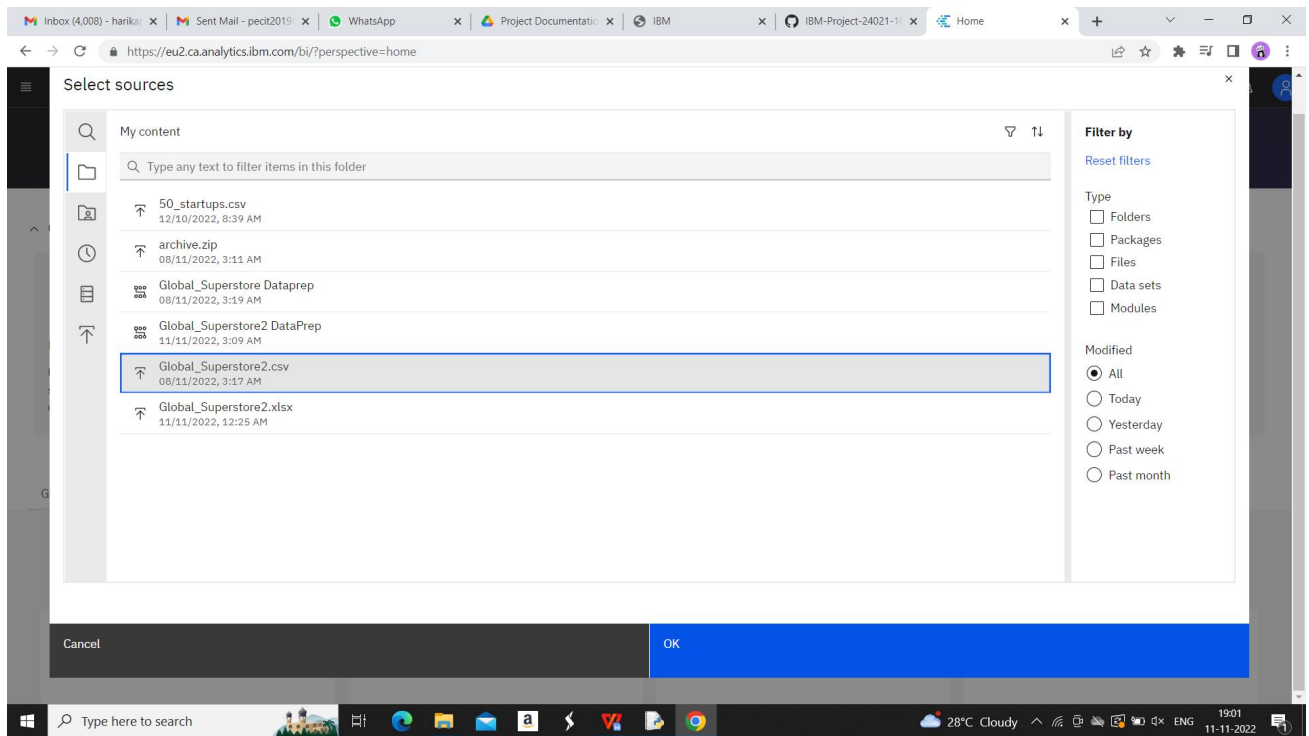
Sprint -2:

Registration and Data upload

Download the Dataset:

<https://www.kaggle.com/datasets/apoorvaappz/global-superstore-dataset>





IBM Cognos Analytics with Watson

Create calculation

Name: Order_Year

Components

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

Expression

```
1 Year(Order_Date)
```

Validation Results

The expression is valid.

☐ Calculate after aggregation

Cancel OK

IBM Cognos Analytics with Watson

Create calculation

Name: Order_Month

Components

- Global_Sup...tore2.csv
 - # Order_Year
 - # 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)
```

Validation Results

The expression is valid.

☐ Calculate after aggregation

Cancel OK

IBM Cognos Analytics with Watson

Create calculation

Name: Order_Day

Components

- Global_Sup...tore2.csv
 - # Order_Month
 - # Order_Year
 - # Row Id
 - # Row ID
 - abc Order ID
 - Order Date**
 - Ship Date
 - Ship Mode
 - Customer ID
 - Custo... Name

Expression

```
1 Day(Order Date)
```

Validation Results

The expression is valid.

☐ Calculate after aggregation

Cancel OK

IBM Cognos Analytics with Watson

Create calculation

Name: All

Components

- Global_Sup...tore2.csv
 - # Order_Day
 - # Order_Month
 - # Order_Year
 - # Row Id
 - # Row ID
 - abc Order ID
 - Order Date
 - Ship Date
 - Ship Mode
 - Customer ID

Expression

```
1 'All'
```

Validation Results

The expression is valid.

☐ Calculate after aggregation

Cancel OK

IBM Cognos Analytics with Watson

Create navigation path

Name: OrderDate

Select and order the columns to use in the navigation path.

Global_Superstore2.csv

- # Order_Day
- # Order_Month
- # Order_Year
- # Row Id
- # Row ID
- Order ID
- Order Date
- Ship Date
- Ship Mode
- Customer ID
- Customer Name

Cancel OK

Row ID	Order ID
32298	CA-2012-1248
26341	IN-2013-77878
25330	IN-2013-71245
13524	ES-2013-15793
47221	SG-2013-4320
22732	IN-2013-42360
30570	IN-2011-81826
31192	IN-2012-86365
40155	CA-2014-13594
40936	CA-2012-11661

IBM Cognos Analytics with Watson

Grid Relationships Custom tables

All	Order_Day	Order_Month	Order_Year	Row Id
All	31	7	2012	1
All	5	2	2013	2
All	17	10	2013	3
All	28	1	2013	4
All	5	11	2013	5
All	28	6	2013	6
All	7	11	2011	7
All	14	4	2012	8
All	14	10	2014	9
All	28	1	2012	10

Properties

General Navigation paths

Label: Order_Year

Hide from users: ☐

Expression: [View or edit](#)

Usage: Attribute

Aggregate: Count Distinct

Data type: Integer

Represents: Time

Year: Year

Description:

Comments:

IBM Cognos Analytics with Watson

New data module

Grid Relationships Custom tables

Order_Month

	Order_Day	Order_Month	Order_Year	Row Id
All	31	7	2012	1
All	5	2	2013	2
All	17	10	2013	3
All	28	1	2013	4
All	5	11	2013	5
All	28	6	2013	6
All	7	11	2011	7
All	14	4	2012	8
All	14	10	2014	9
All	28	1	2012	10

Properties

General

Label: Order_Month

Hide from users: ☐

Expression: [View or edit](#)

Usage: Attribute

Aggregate: Count Distinct

Data type: Integer

Represents: Time

Month

Description

Comments

IBM Cognos Analytics with Watson

New data module

Grid Relationships Custom tables

Order_Day

	Order_Day	Order_Month	Order_Year	Row Id
All	31	7	2012	1
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All	5	11	2013	5
All	28	6	2013	6
All	7	11	2011	7
All	14	4	2012	8
All	14	10	2014	9
All	28	1	2012	10

Properties

General

Label: Order_Day

Hide from users: ☐

Expression: [View or edit](#)

Usage: Attribute

Aggregate: Count Distinct

Data type: Integer

Represents: Time

Day

Description

Comments