

**Project Development Phase  
Delivery of Sprint-1**

Team ID	PNT2022TMID50868
Project Name	Retail Store Stock Inventory Analytics

**Project Development Phase: Sprint-1:**

➤ Data Collection

➤ Data Preparation

**Sprint-2:**

➤ Data Exploration

**Sprint-3:**

➤ Dashboard Creation

**Sprint-4:**

➤ Report Creation

➤ Story Creation

**TEAM ID: PNT2022TMID20096**

## Sprint-1:

### Data Collection:

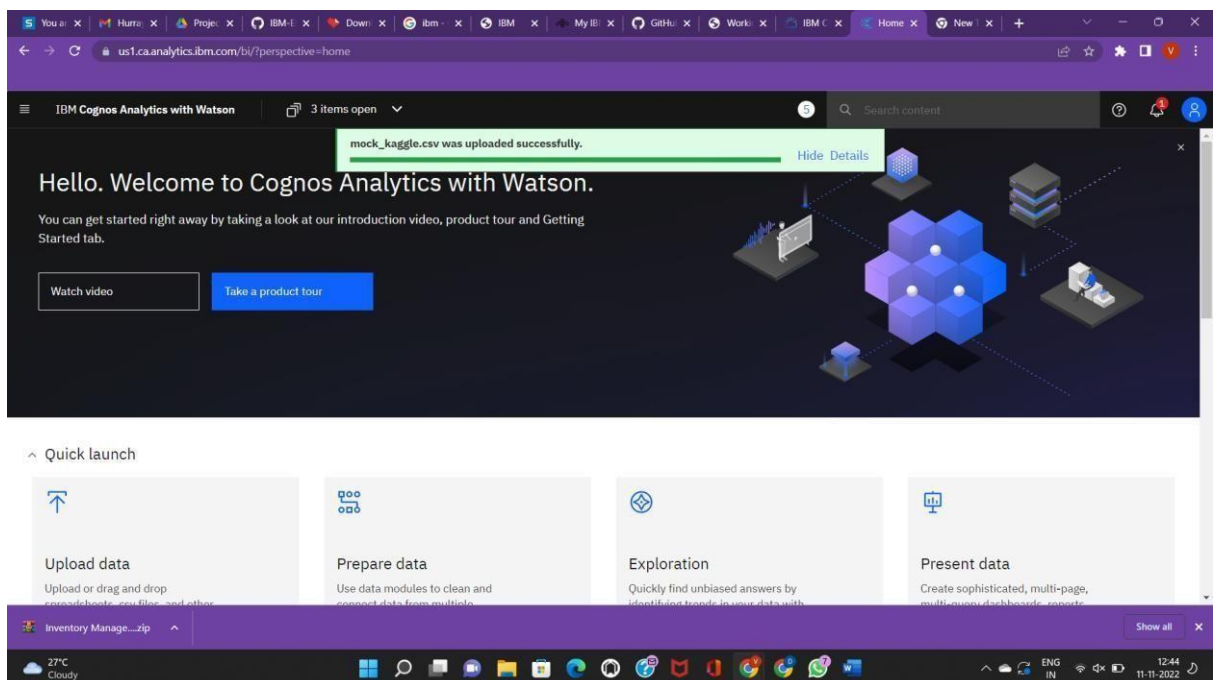
Download the Dataset

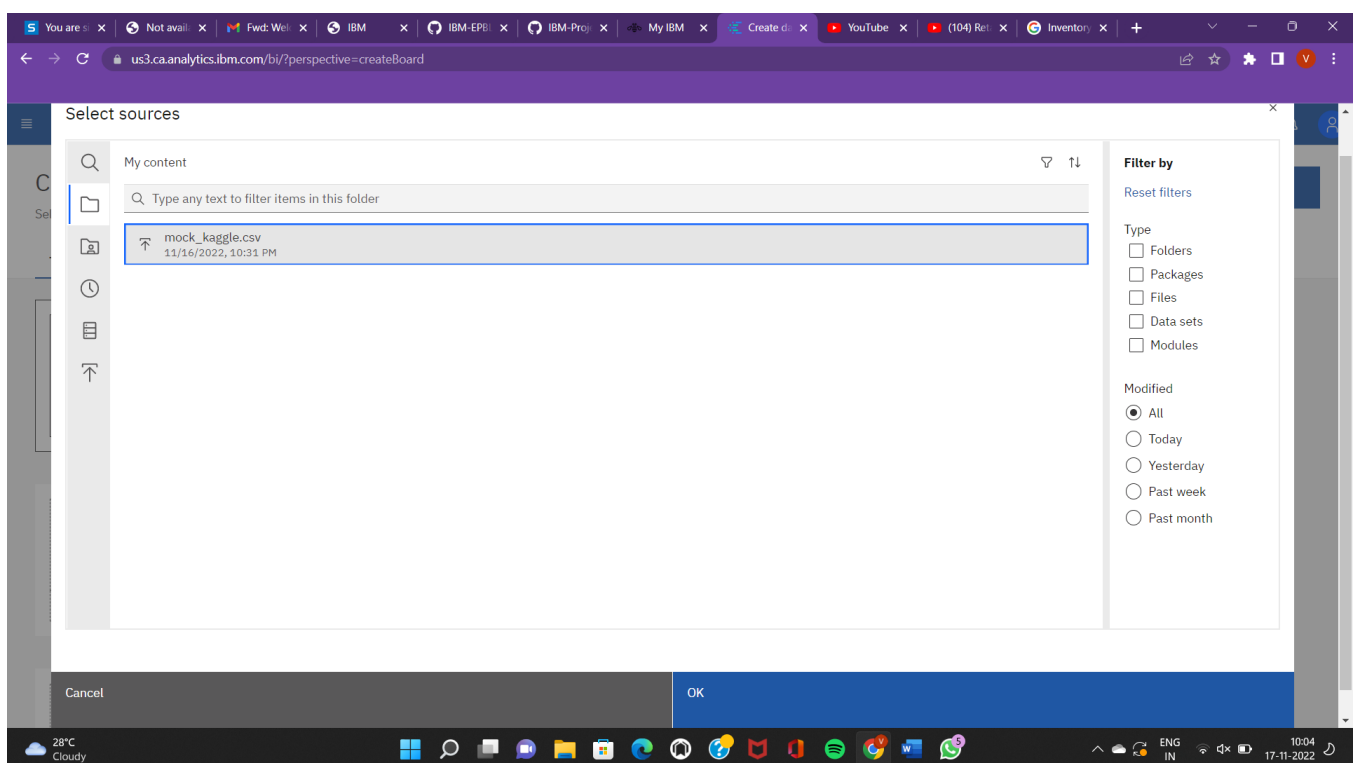
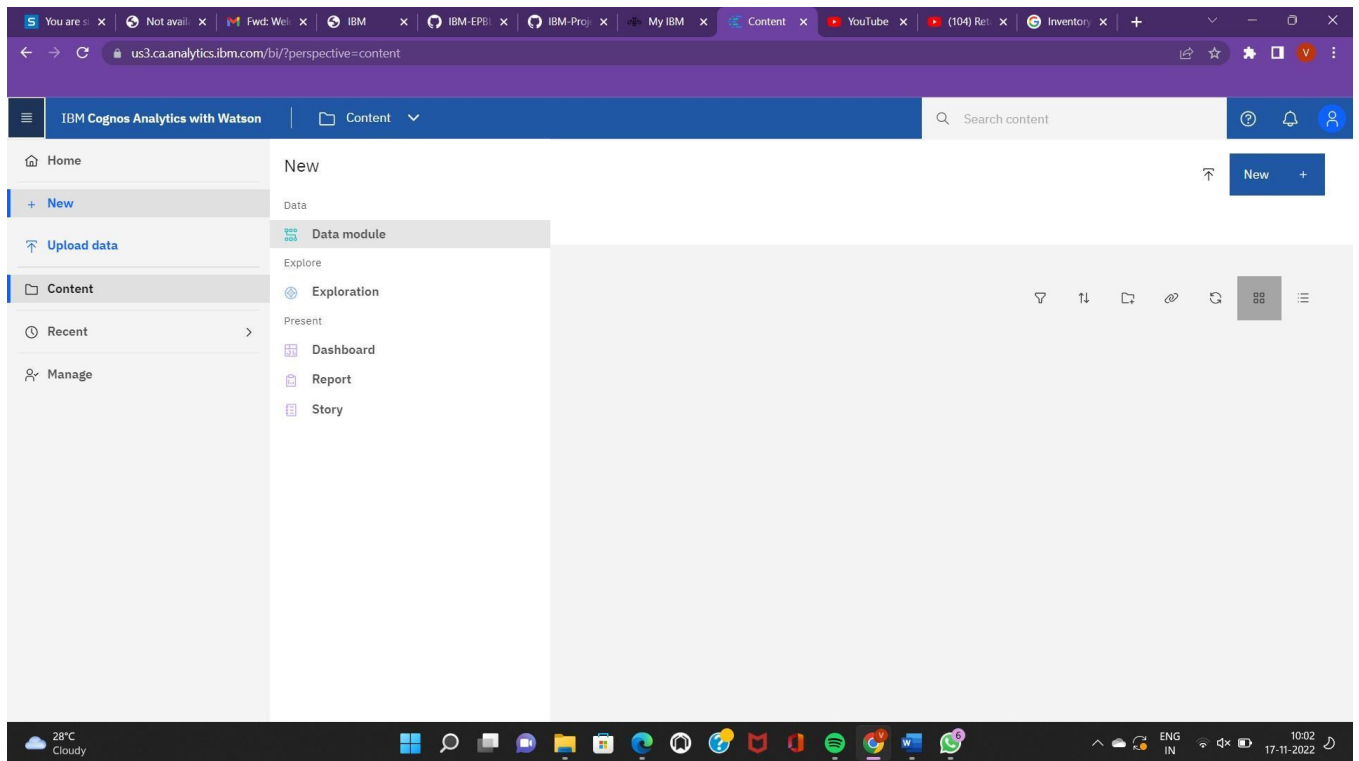
Dataset link -

<https://drive.google.com/drive/folders/1kiL-5CHJmQvbk9VyFsuUs-myAupBZGNy>

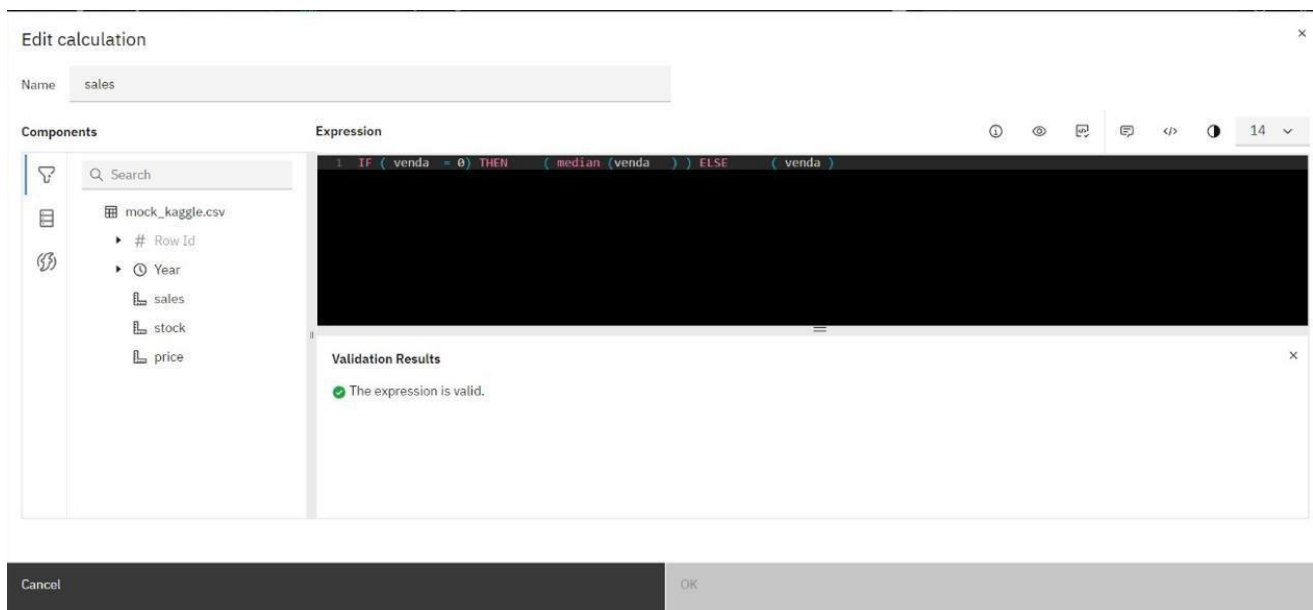
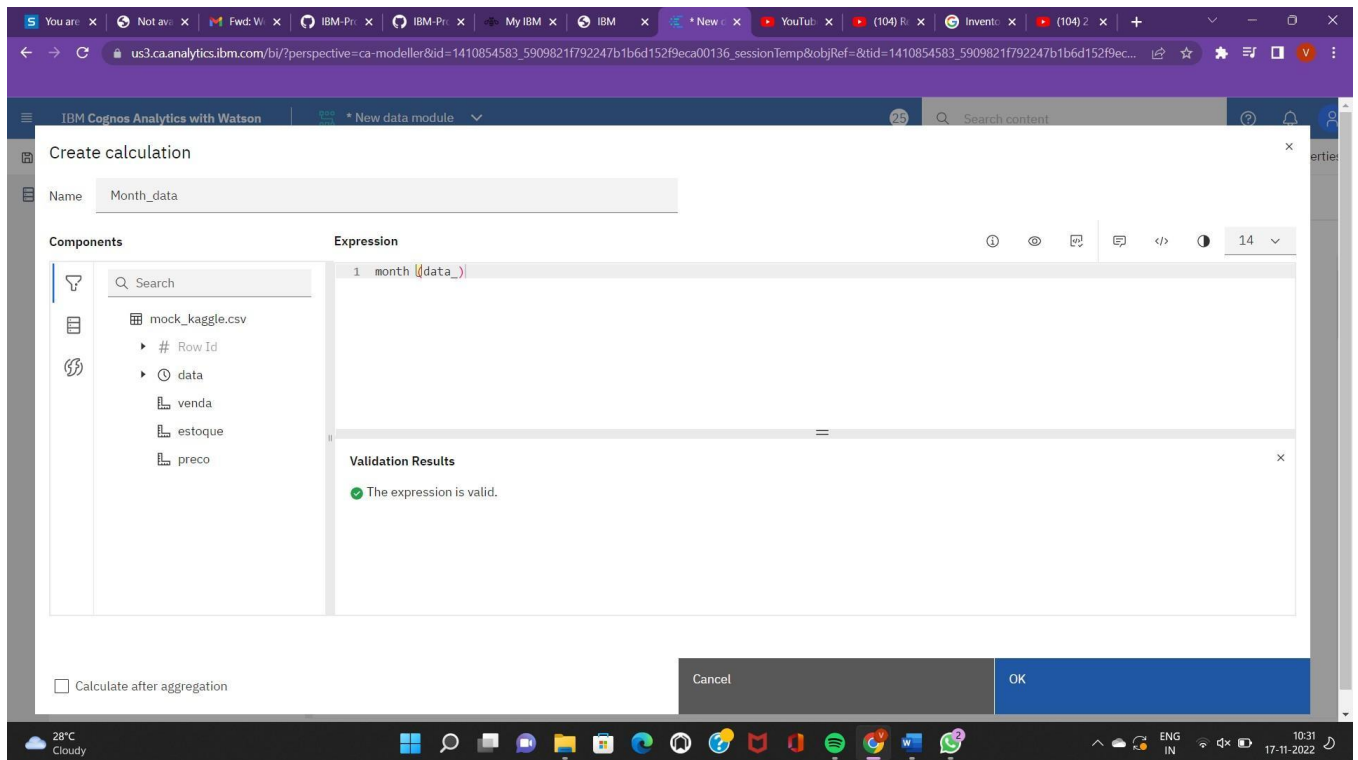
### Load the Dataset:

Tool used – IBM Cognos





# Month data:



Edit calculation

Name sales

Components

mock\_kaggle.csv

# Row Id

Year

sales

stock

price

Expression

estoque IF ( venda = 0 ) THEN ( median ( venda ) ) ELSE ( venda )

Validation Results

Cancel

OK

Edit calculation

Name sales

Components

mock\_kaggle.csv

# Row Id

Year

sales

stock

price

Expression

estoque preco IF ( venda = 0 ) THEN ( median ( venda ) ) ELSE ( venda )

Validation Results

Cancel

OK

Properties

<

Properties

Data module

Search

Retail inventory Management

Navigation paths

mock\_kaggle.csv

# Row Id

Year

sales

stock

price

Row Id	Year	sales	stock	price
1	2014-01-01	76	4972	1.29
2	2014-01-02	70	4902	1.29
3	2014-01-03	59	4843	1.29
4	2014-01-04	93	4750	1.29
5	2014-01-05	96	4654	1.29
6	2014-01-06	145	4509	1.29
7	2014-01-07	179	4329	1.29
8	2014-01-08	321	4104	1.29
9	2014-01-09	125	4459	1.09
10	2014-01-10	88	5043	1.09
11	2014-01-11	188	5239	1.09
12	2014-01-12	121	5118	1.09
13	2014-01-13	134	4984	1.09

## Stock-Format Data:

IBM Cognos Analytics with Watson

\* New data module

Data module

Search

2014-01-05

2014-01-06

2014-01-07

2014-01-08

2014-01-09

2014-01-10

2014-01-11

2014-01-12

2014-01-13

2014-01-14

2014-01-15

Load more ...

Sales

stock

price

Data format

Column: stock

Format type: Number

Number of decimal places: Default

Negative sign symbol: Default

Use thousands separator: No

Negative sign position: Default

Missing value characters: <empty>

Advanced options

Reset properties

stock	price
4972	1.29
4902	1.29
4843	1.29
4750	1.29
4654	1.29
4509	1.29
4329	1.29
4104	1.29
4459	1.09
5043	1.09
5239	1.09

## Sales-Format Data:

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane lists dates from 2014-01-05 to 2014-01-15, with 'Sales', 'stock', and 'price' columns listed below. The main area displays a 'Data format' dialog for the 'Sales' column. The 'Format type' is set to 'Number'. The dialog includes the following settings:

- Number of decimal places: Default
- Negative sign symbol: Default
- Use thousands separator: No
- Negative sign position: Default
- Missing value characters: <empty>

Buttons at the bottom of the dialog include 'Advanced options' and 'Reset properties'. In the background, a table with 'stock' and 'price' columns is visible, showing values like 4972, 4902, 4843, etc., for 'stock' and 1.29, 1.29, 1.29, etc., for 'price'.

## Price-Format Data:

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane lists dates from 2014-01-05 to 2014-01-15, with 'Sales', 'stock', and 'price' columns listed below. The main area displays a 'Data format' dialog for the 'price' column. The 'Format type' is set to 'Number'. The dialog includes the following settings:

- Number of decimal places: 2
- Negative sign symbol: Default
- Use thousands separator: No
- Negative sign position: Default
- Missing value characters: <empty>

Buttons at the bottom of the dialog include 'Advanced options', 'Reset properties', 'Cancel', and 'OK'. In the background, a table with 'stock' and 'price' columns is visible, showing values like 4972, 4902, 4843, etc., for 'stock' and 1.29, 1.29, 1.29, etc., for 'price'.



# Revenue-Format Data:

The screenshot displays the IBM Cognos Analytics interface. On the left, the 'Data module' pane shows a tree structure with 'New data module', 'mock\_kal\_1.csv', 'M data', and 'revenue data'. The 'revenue data' module is selected, showing a list of dates from 2014-01-01 to 2014-01-08. The main area shows the 'Data format' dialog for the 'revenue data' column. The dialog has the following settings:

- Column: revenue data
- Format type: Number
- Number of decimal places: 0
- Negative sign symbol: Default
- Use thousands separator: No
- Negative sign position: Default
- Missing value characters: <empty>

At the bottom of the dialog are buttons for 'Advanced options' and 'Reset properties'. In the background, a data table is visible with columns 'stock' and 'price'. The 'price' column contains values like 1.29, 1.29, 1.29, 1.29, 1.29, 1.29, 1.09, 1.09, 1.09.

stock	price
4972	1.29
4902	1.29
4843	1.29
4750	1.29
4654	1.29
4509	1.29
4329	1.29
4104	1.29
4459	1.09
5043	1.09
5239	1.09