

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

Team ID	PNT2022TMID49756
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

# Retail Store Stock Inventory Analytics

## Contributors:

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- Subramanian T

**TEAM ID: PNT2022TMID49756**

## **Sprint-1:**

### **Data Collection:**

Download the Dataset

Dataset link - [https://drive.google.com/drive/folders/1kiL-](https://drive.google.com/drive/folders/1kiL-5CHJmQvbk9VyFsuUs-myAupBZGNy)

[5CHJmQvbk9VyFsuUs-myAupBZGNy](https://drive.google.com/drive/folders/1kiL-5CHJmQvbk9VyFsuUs-myAupBZGNy) **Load**

### **the Dataset:**

Tool used – IBM Cognos

My IBM Content Retail Store Stock Inventory - Go PNT2022MID01375-Sprint1.pdf

us1.ca.analytics.ibm.com/bi/?perspective=content&tab=myContent&folder=i6B2ECC03DE384F2B8E13E94B27C40FC7

IBM Cognos Analytics with Watson Content

mock\_kaggle.csv was uploaded successfully. Hide Details

### Content

My content Team content Samples

Data module Sprint-1

50\_startups.csv bank (1).csv bikebuyer.csv mock\_kaggle.csv

Olympic Events.xlsx Olympic Medals.xlsx Pharma\_Monthly\_Sales.csv pharmacy data

80°F Rain coming 10:36 AM 10/31/2022

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Data module

Explore

Exploration

Present

Dashboard

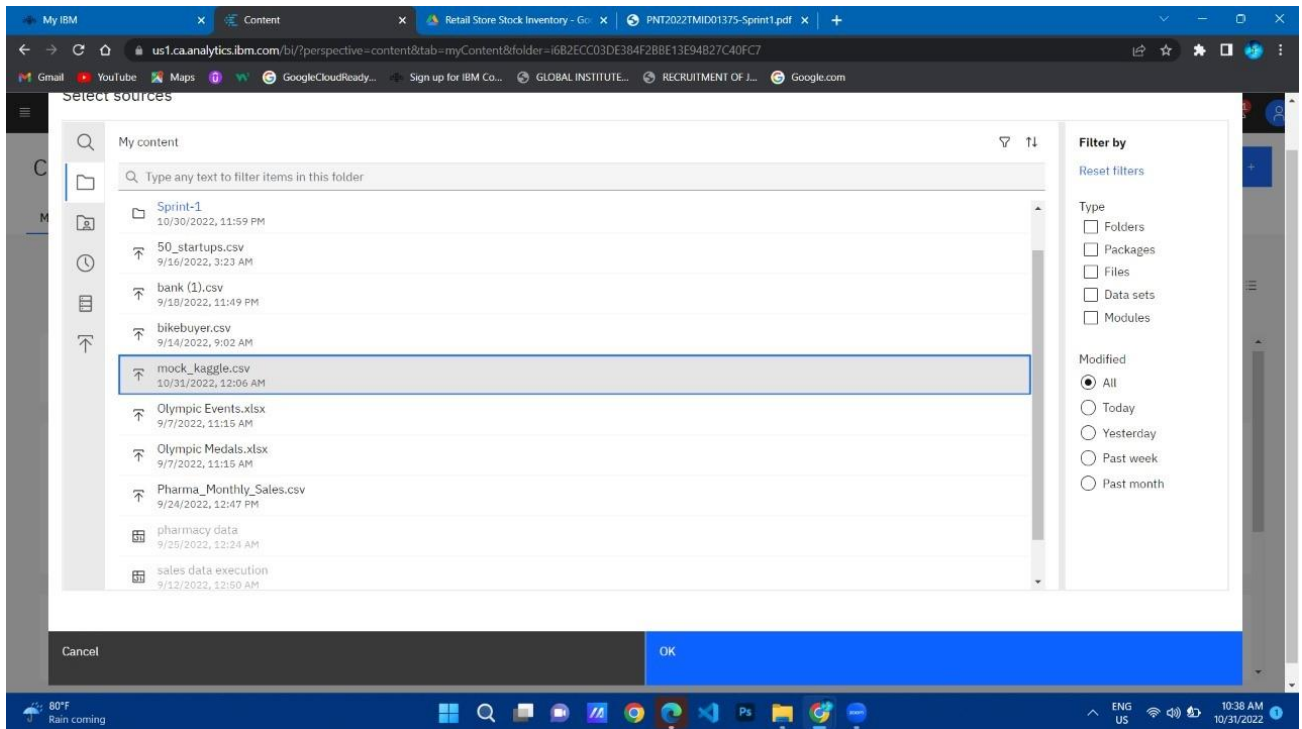
Report

Story

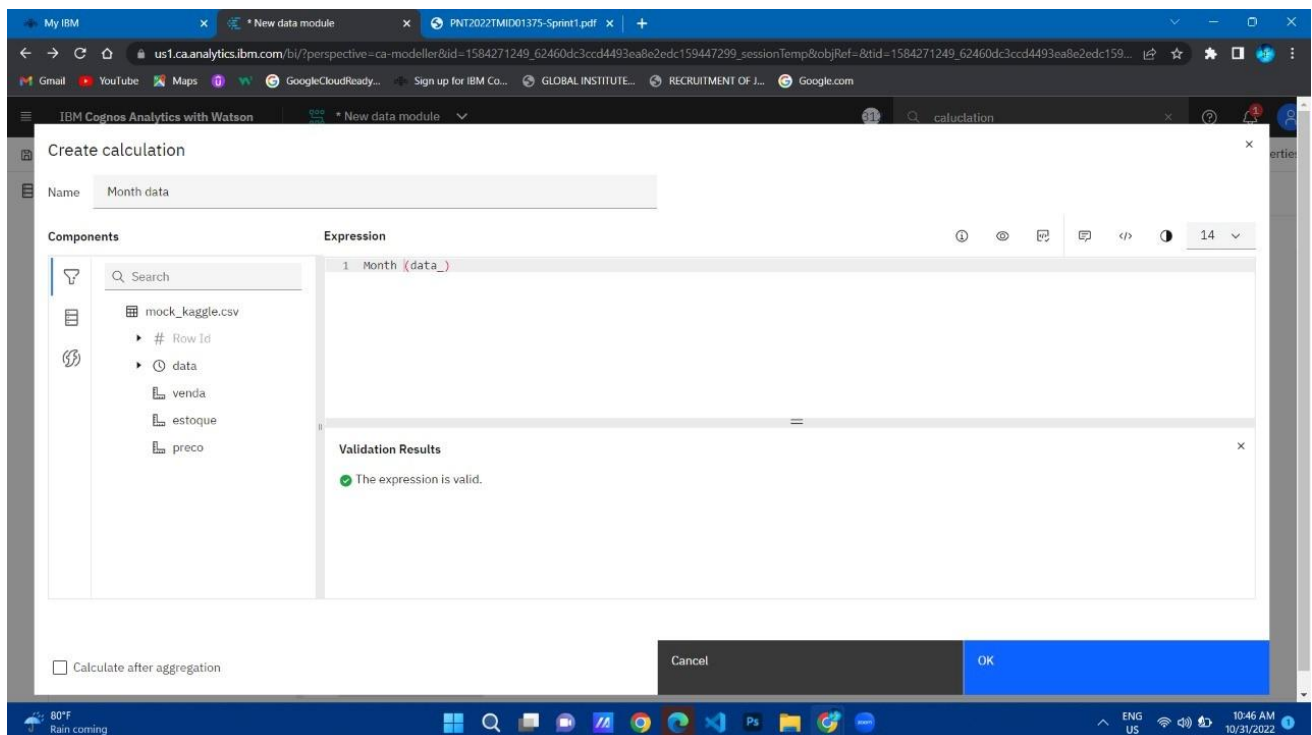
bikebuyer.csv mock\_kaggle.csv

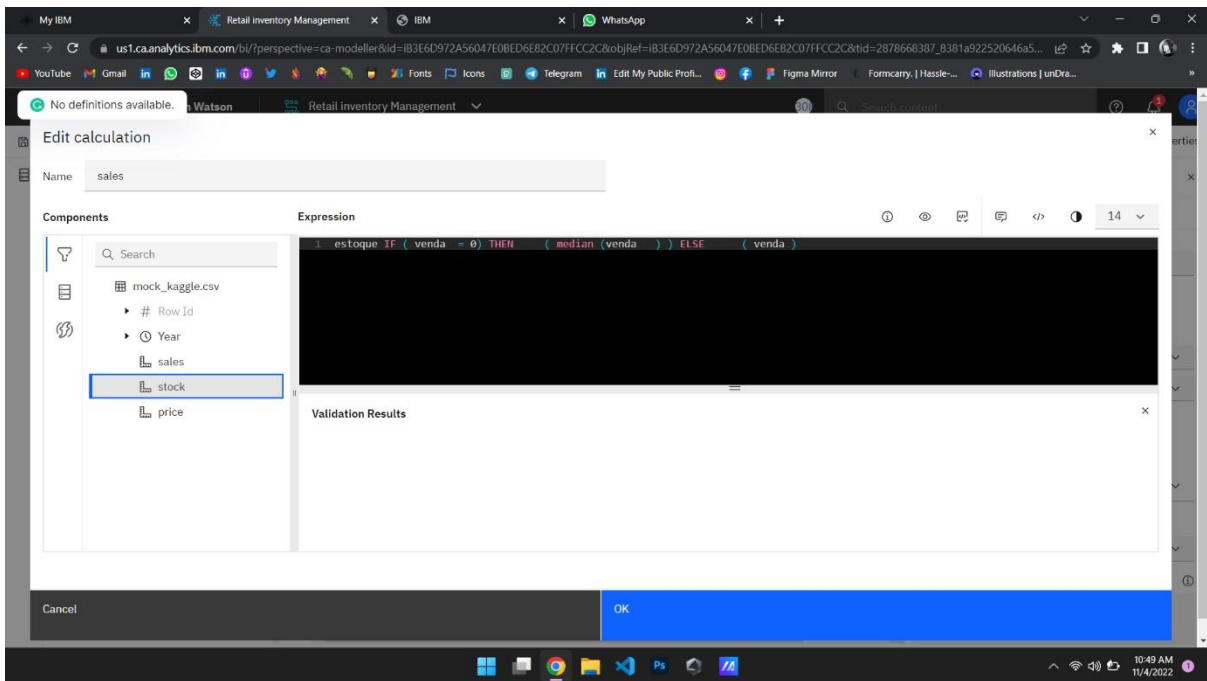
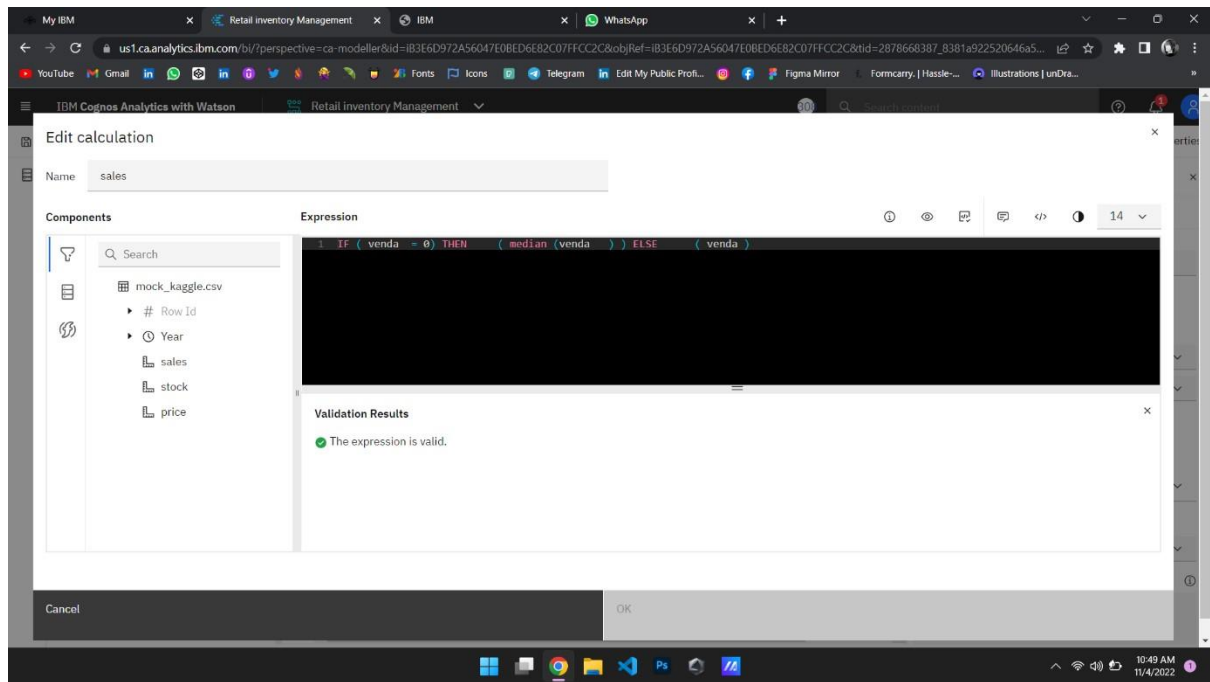
Pharma\_Monthly\_Sales.csv pharmacy data

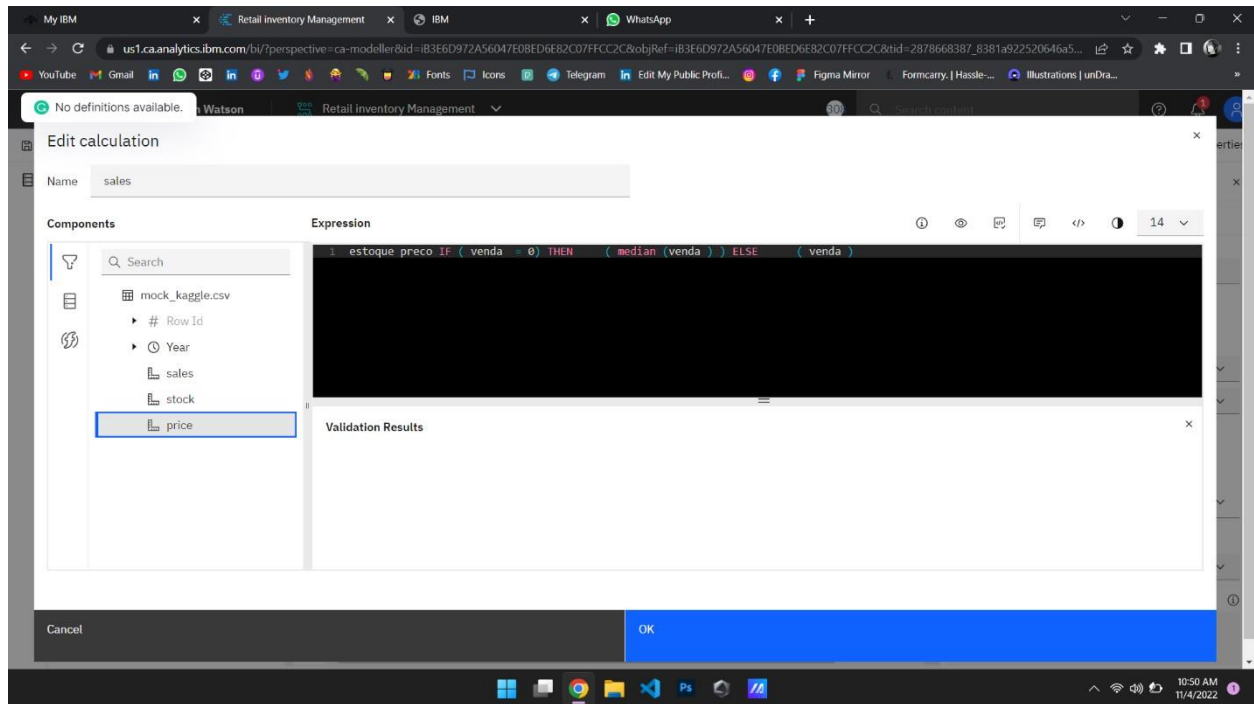
80°F Rain coming 10:37 AM 10/31/2022



**Month data:**







IBM Cognos Analytics with Watson - Retail inventory Management

Data module: mock\_kaggle.csv

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

My IBM Retail inventory Management IBM WhatsApp

us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=IB3E6D972A56047E0BED6E82C07FCC2C&objRef=IB3E6D972A56047E0BED6E82C07FCC2C&tid=2878668387\_8381a922520646a5...

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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
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8	2014-01-08	321	4104	1.29
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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

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My IBM Retail inventory Management IBM WhatsApp

us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=IB3E6D972A56047E0BED6E82C07FCC2C&objRef=IB3E6D972A56047E0BED6E82C07FCC2C&tid=2878668387\_8381a922520646a5...

IBM Cognos Analytics with Watson Retail inventory Management

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
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12	2014-01-12	121	5118	1.09
13	2014-01-13	134	4984	1.09

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## Stock-Format Data:

The screenshot shows the IBM Cognos Analytics interface. A 'Data format' dialog box is open for the 'stock' column. The dialog has a 'Column:' field set to 'stock'. The 'Format type:' is set to 'Number'. Below this, there are several settings: 'Number of decimal places' is 'Default', 'Negative sign symbol' is 'Default', 'Use thousands separator' is 'No', 'Negative sign position' is 'Default', and 'Missing value characters' is '<empty>'. There are 'Advanced options' and 'Reset properties' buttons at the bottom of the dialog. In the background, a table with columns 'stock' and 'price' is visible, showing data for dates from 2014-01-05 to 2014-01-15.

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. A 'Data format' dialog box is open for the 'Sales' column. The dialog has a 'Column:' field set to 'Sales'. The 'Format type:' is set to 'Number'. Below this, there are several settings: 'Number of decimal places' is 'Default', 'Negative sign symbol' is 'Default', 'Use thousands separator' is 'No', 'Negative sign position' is 'Default', and 'Missing value characters' is '<empty>'. There are 'Advanced options' and 'Reset properties' buttons at the bottom of the dialog. In the background, a table with columns 'stock' and 'price' is visible, showing data for dates from 2014-01-05 to 2014-01-15.

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



## Price-Format Data:

The screenshot shows the IBM Cognos Analytics interface with a 'Data module' on the left containing a list of dates from 2014-01-05 to 2014-01-15, and a table with columns 'stock' and 'price'. The 'price' column is selected, and a 'Column: price' configuration dialog is open. The 'Format type' is set to 'Number'. The 'Number of decimal places' is set to 2. The 'Negative sign symbol' is 'Default', 'Use thousands separator' is 'No', 'Negative sign position' is 'Default', and 'Missing value characters' is '<empty>'. The dialog has 'Advanced options', 'Reset properties', 'Cancel', and 'OK' buttons.

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

## Revenue-Format Data:

The screenshot shows the IBM Cognos Analytics interface with a 'Data module' on the left containing a list of dates from 2014-01-01 to 2014-01-08, and a table with columns 'stock' and 'price'. The 'revenue data' column is selected, and a 'Data format' configuration dialog is open. The 'Format type' is set to 'Number'. The 'Number of decimal places' is set to 0. The 'Negative sign symbol' is 'Default', 'Use thousands separator' is 'No', 'Negative sign position' is 'Default', and 'Missing value characters' is '<empty>'. The dialog has 'Advanced options', 'Reset properties', and 'OK' buttons.

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

