

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

Team ID	PNT2022TMID33164
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: PNT2022TMID33164**

## Sprint-1:

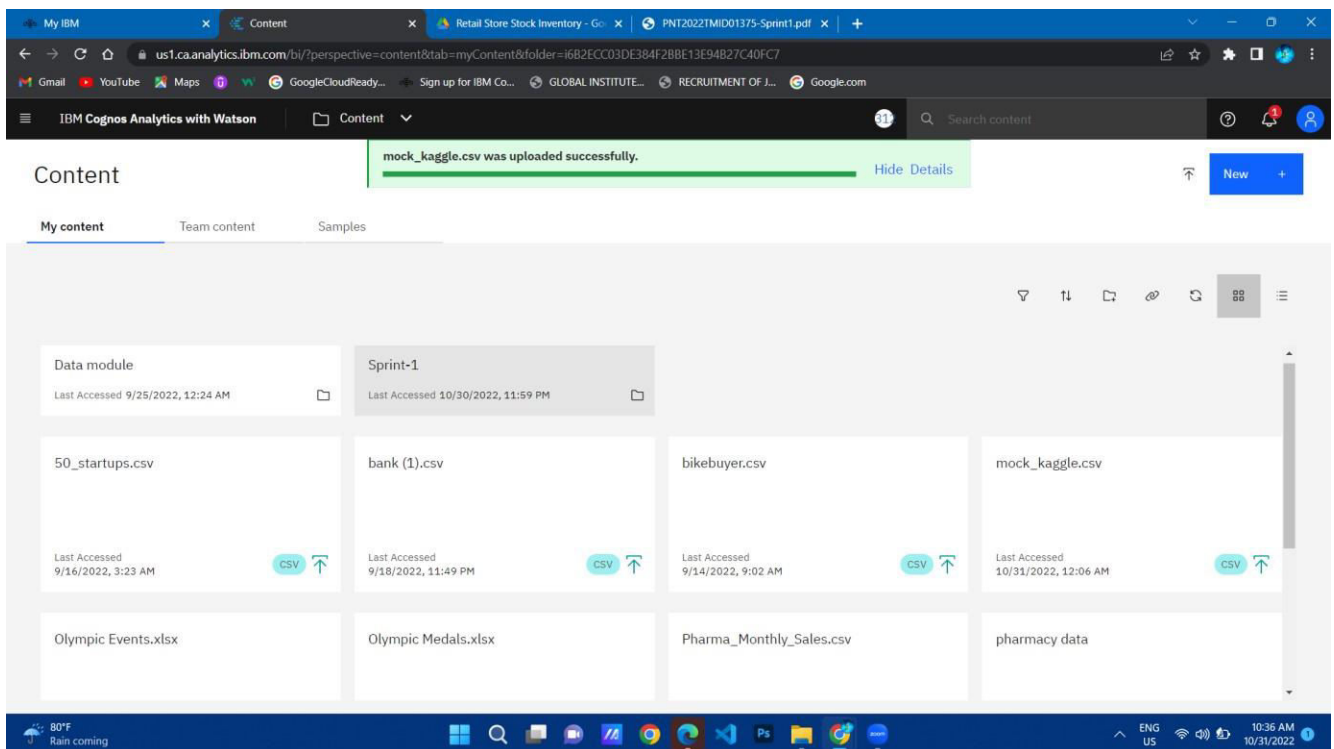
### Data Collection:

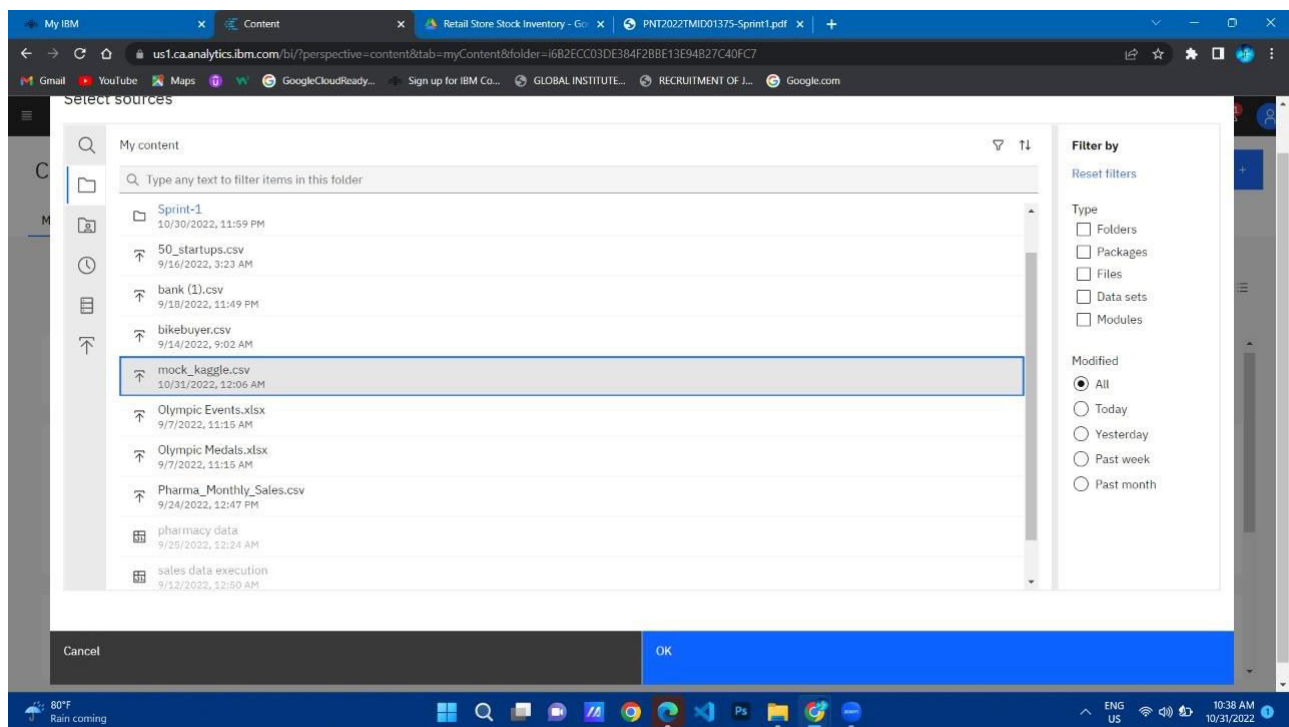
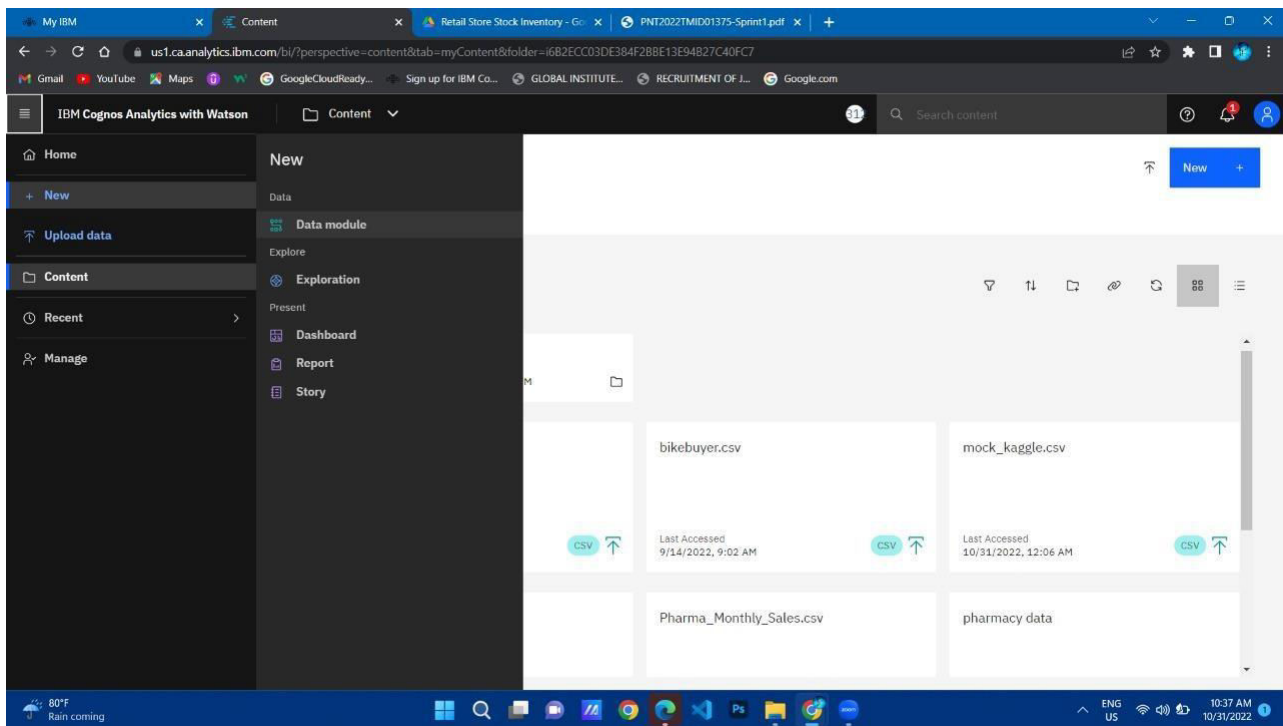
Download the Dataset

Dataset link - [https://drive.google.com/file/d/1oOgbhE3-B8GLmdQO7fy8fQtm6nZ1JQfK/view?usp=share\\_link](https://drive.google.com/file/d/1oOgbhE3-B8GLmdQO7fy8fQtm6nZ1JQfK/view?usp=share_link)

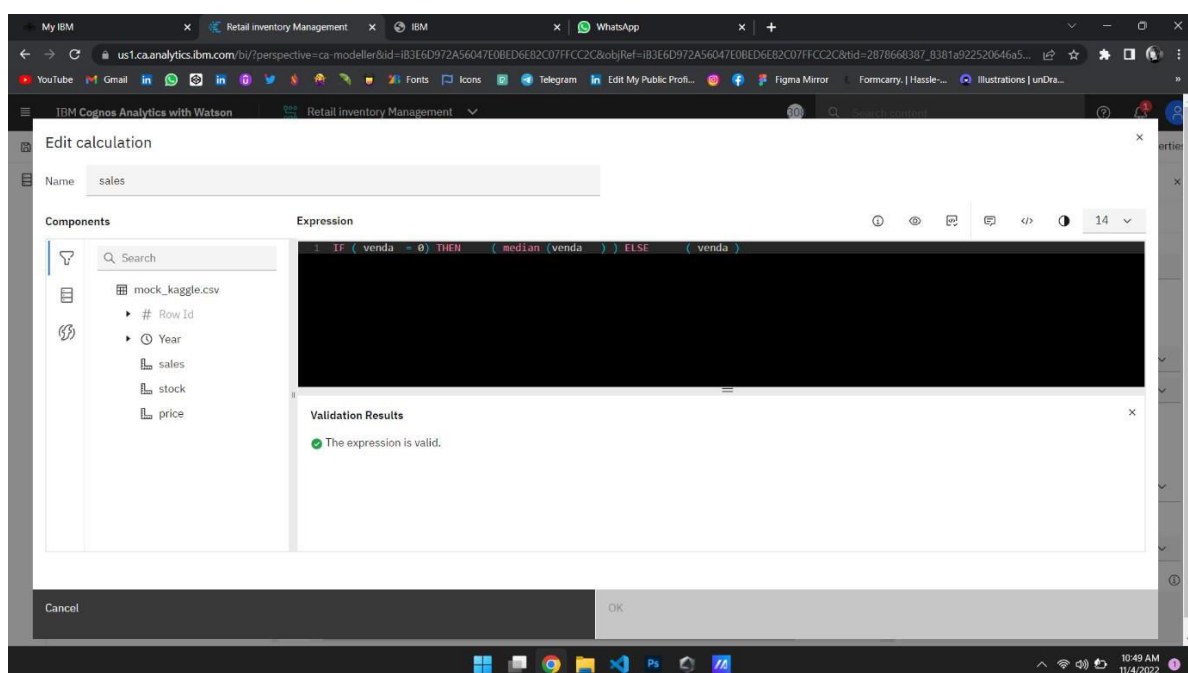
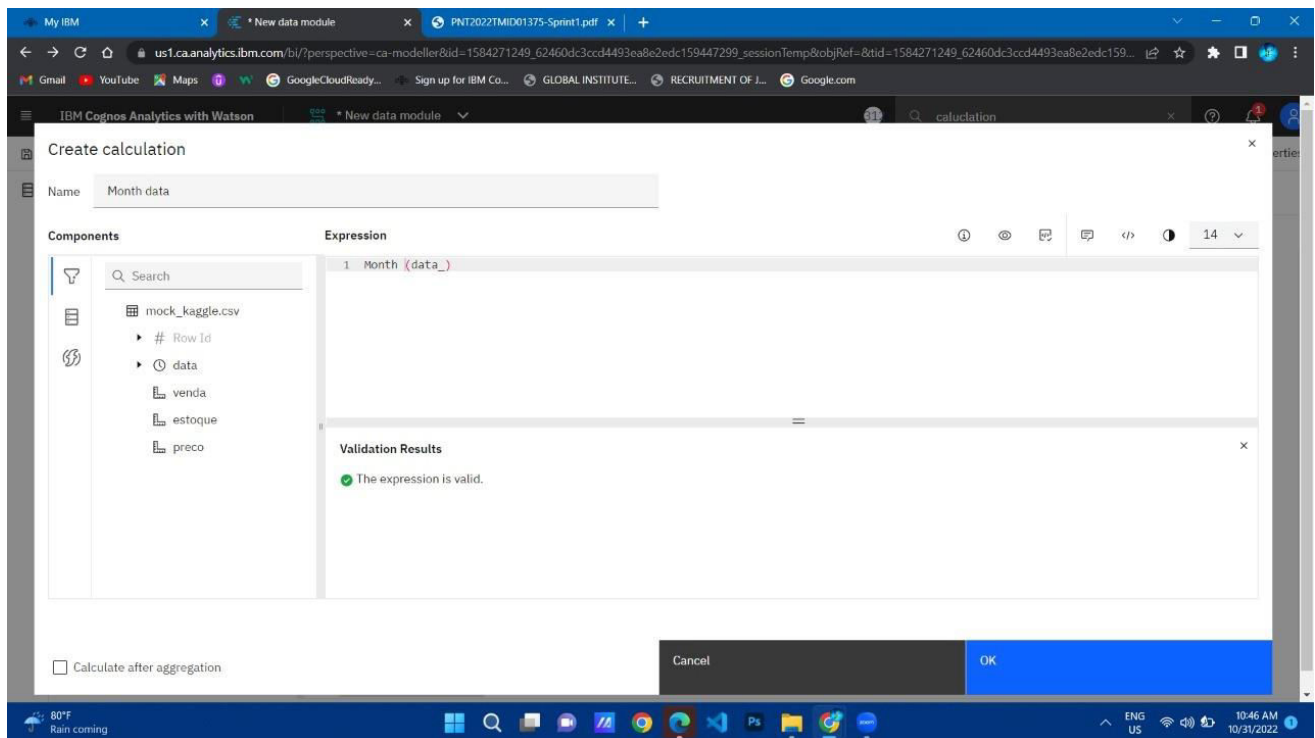
### Load the Dataset:

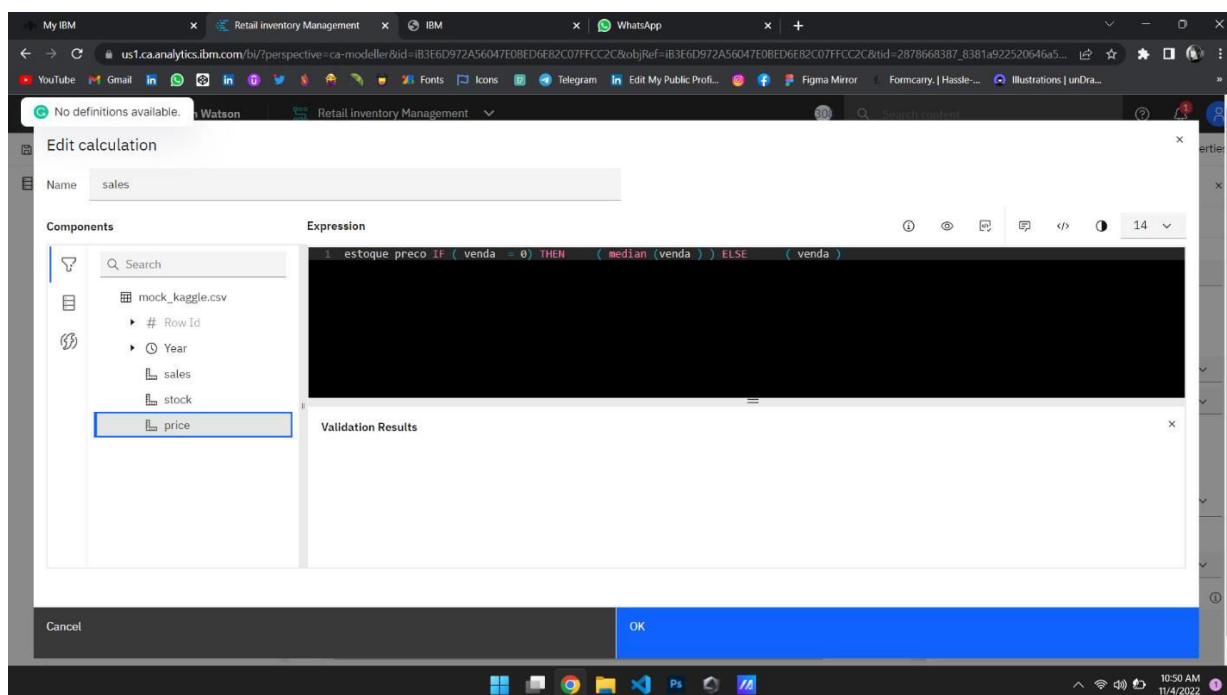
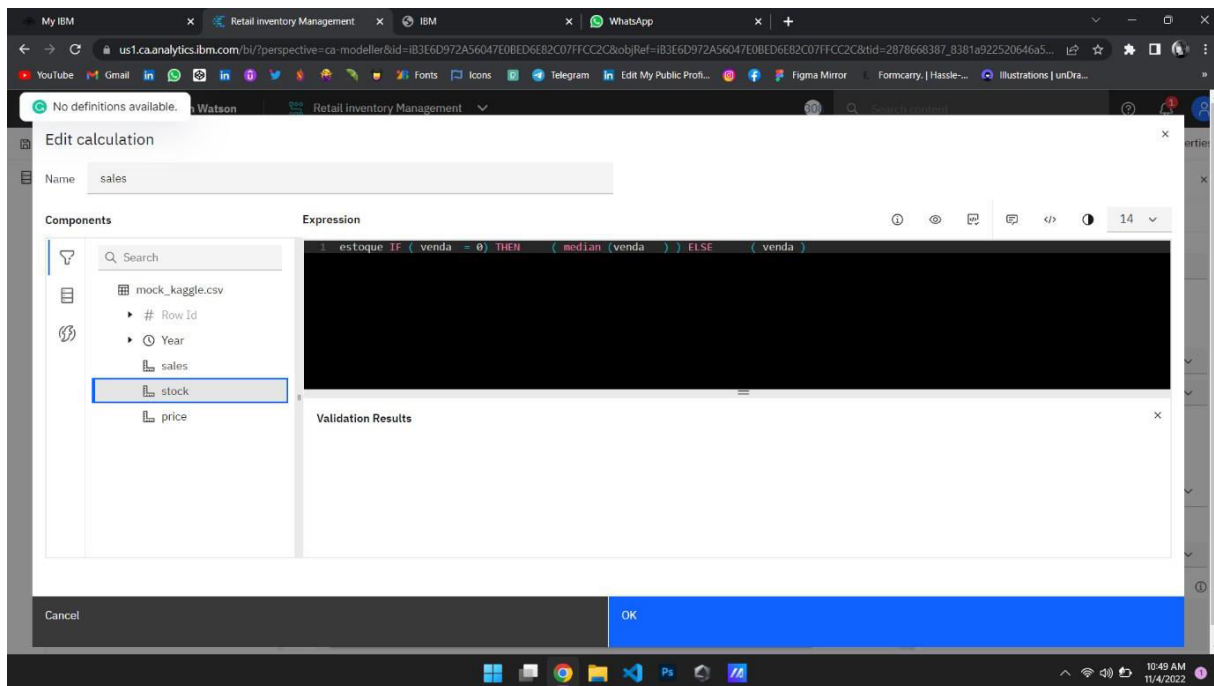
Tool used – IBM Cognos





## Month data:





My IBM Retail inventory Management IBM WhatsApp

us1.ca.analytics.ibm.com/bl/?perspective=ca-modeller&id=IB3E6D972A56047E0BED6E82C07FFCC2C&objRef=IB3E6D972A56047E0BED6E82C07FFCC2C&id=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

Grid Relationships Custom tables

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

10:51 AM 11/4/2022

My IBM Retail inventory Management IBM WhatsApp

us1.ca.analytics.ibm.com/bl/?perspective=ca-modeller&id=IB3E6D972A56047E0BED6E82C07FFCC2C&objRef=IB3E6D972A56047E0BED6E82C07FFCC2C&id=2878668387\_8381a922520646a5...

IBM Cognos Analytics with Watson Retail inventory Management

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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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The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane lists the 'Retail inventory Management' dataset with columns: Row Id, Year, sales, stock, and price. The main area displays a table with 13 rows of data.

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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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:

The screenshot shows the 'Data format' dialog box for the 'stock' column. The 'Format type' is set to 'Number'. The 'Use thousands separator' option is selected and set to 'No'. Other options like 'Number of decimal places', 'Negative sign symbol', 'Negative sign position', and 'Missing value characters' are set to their default values.

Column	Format type	Number of decimal places	Negative sign symbol	Use thousands separator	Negative sign position	Missing value characters
stock	Number	Default	Default	No	Default	<empty>



## Sales-Format Data:

The screenshot shows the IBM Cognos Analytics interface. A 'Data format' dialog box is open for the 'Sales' column. The 'Format type' is set to 'Number'. The 'Number of decimal places' is set to 'Default'. The 'Negative sign symbol' is set to 'Default'. The 'Use thousands separator' is set to 'No'. The 'Negative sign position' is set to 'Default'. The 'Missing value characters' are set to '<empty>'. The background shows a table with columns 'stock' and 'price'.

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. A 'Price-Format Data' dialog box is open for the 'price' column. The 'Format type' is set to 'Number'. The 'Number of decimal places' is set to '2'. The 'Negative sign symbol' is set to 'Default'. The 'Use thousands separator' is set to 'No'. The 'Negative sign position' is set to 'Default'. The 'Missing value characters' are set to '<empty>'. The background shows a table with columns 'stock' and 'price'.

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 displays the IBM Cognos Analytics interface. A 'Data format' dialog box is open for the 'revenue data' column. The 'Format type' is set to 'Number'. The 'Number of decimal places' is 0. The 'Negative sign symbol' is 'Default'. The 'Use thousands separator' is set to 'No'. The 'Negative sign position' is 'Default'. The 'Missing value characters' are '<empty>'. The background shows a table with 'stock' and 'price' columns.

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

## Prepared data link –

[https://us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&pathRef=.my\\_folders%2Fproject%2Bdevelopment%2Bphase%2FSprint-1%2FRetail%2Binventory%2BManagement](https://us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&pathRef=.my_folders%2Fproject%2Bdevelopment%2Bphase%2FSprint-1%2FRetail%2Binventory%2BManagement)