

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

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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

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

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

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Manage

Data module

Explore

Exploration

Present

Dashboard

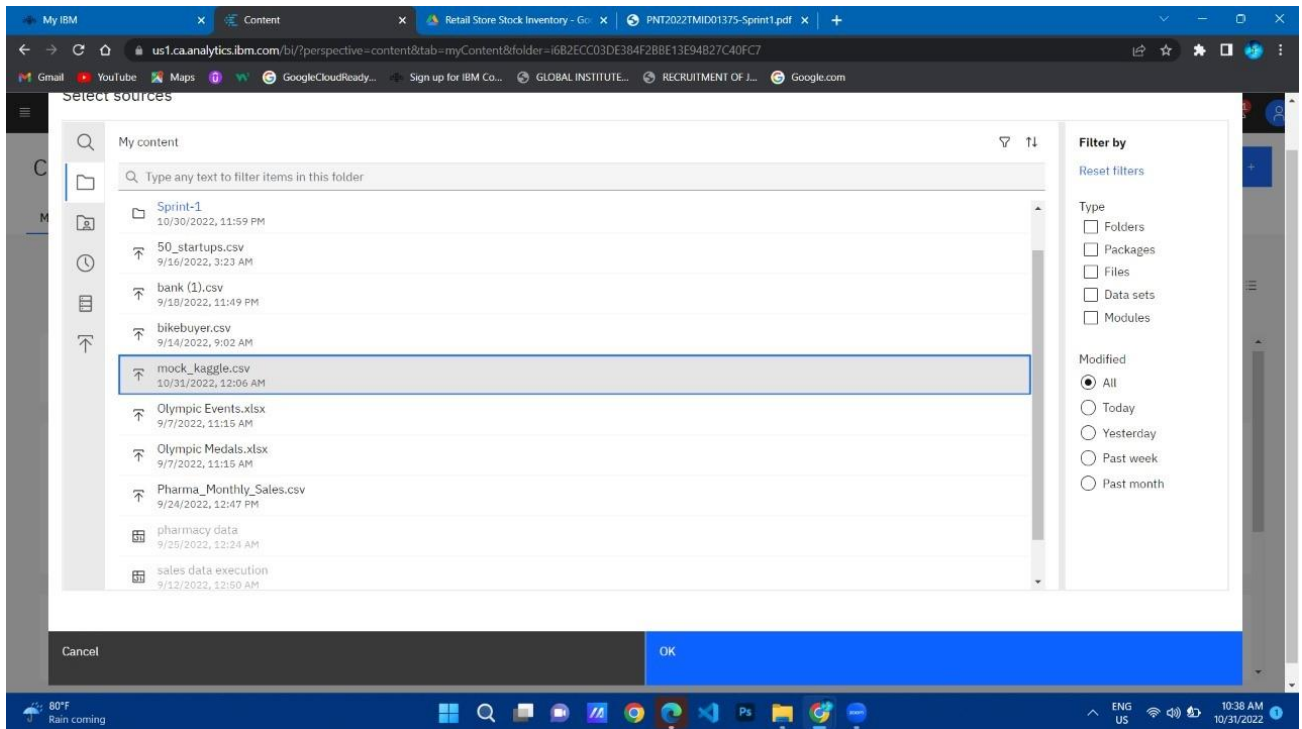
Report

Story

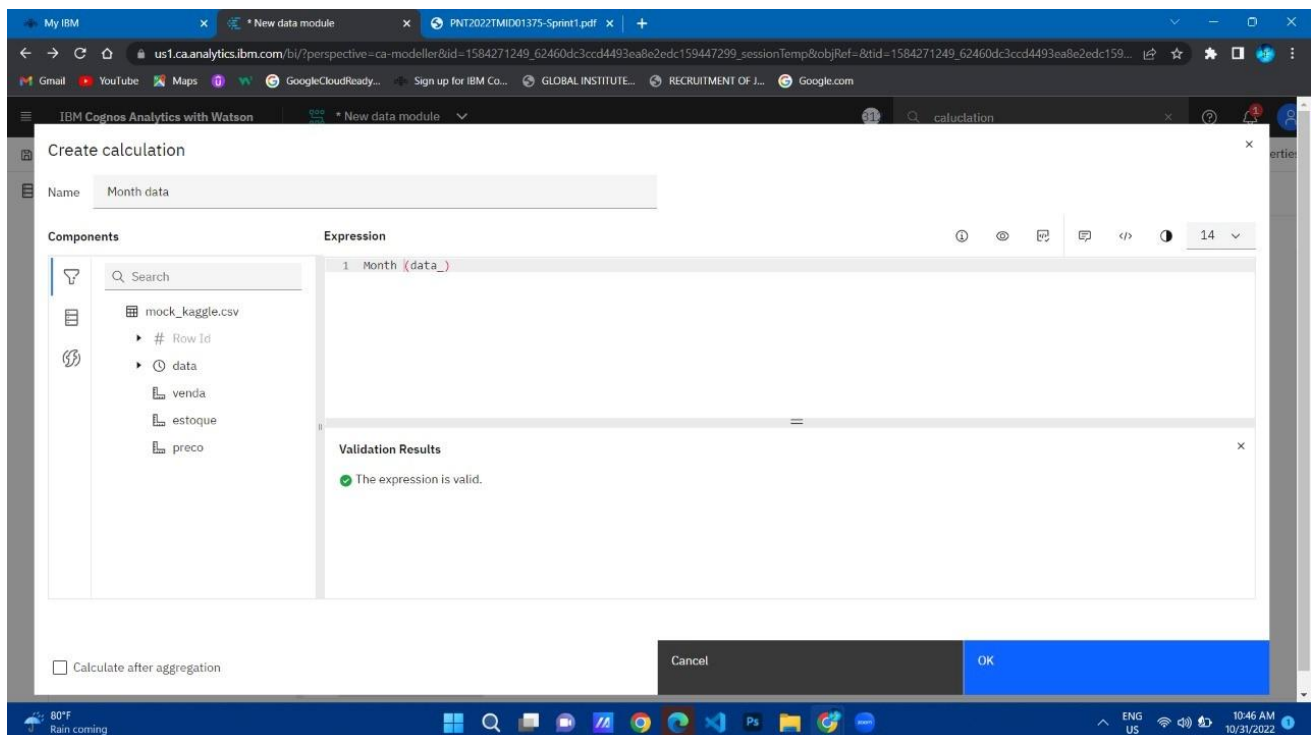
bikebuyer.csv mock_kaggle.csv

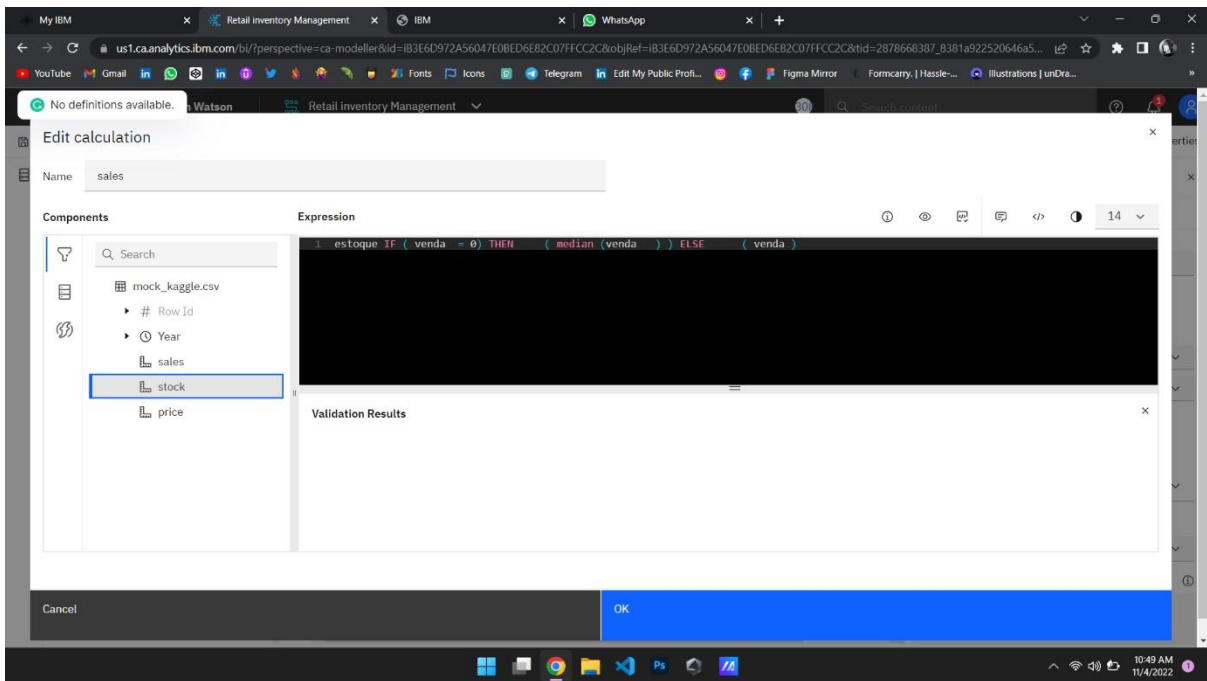
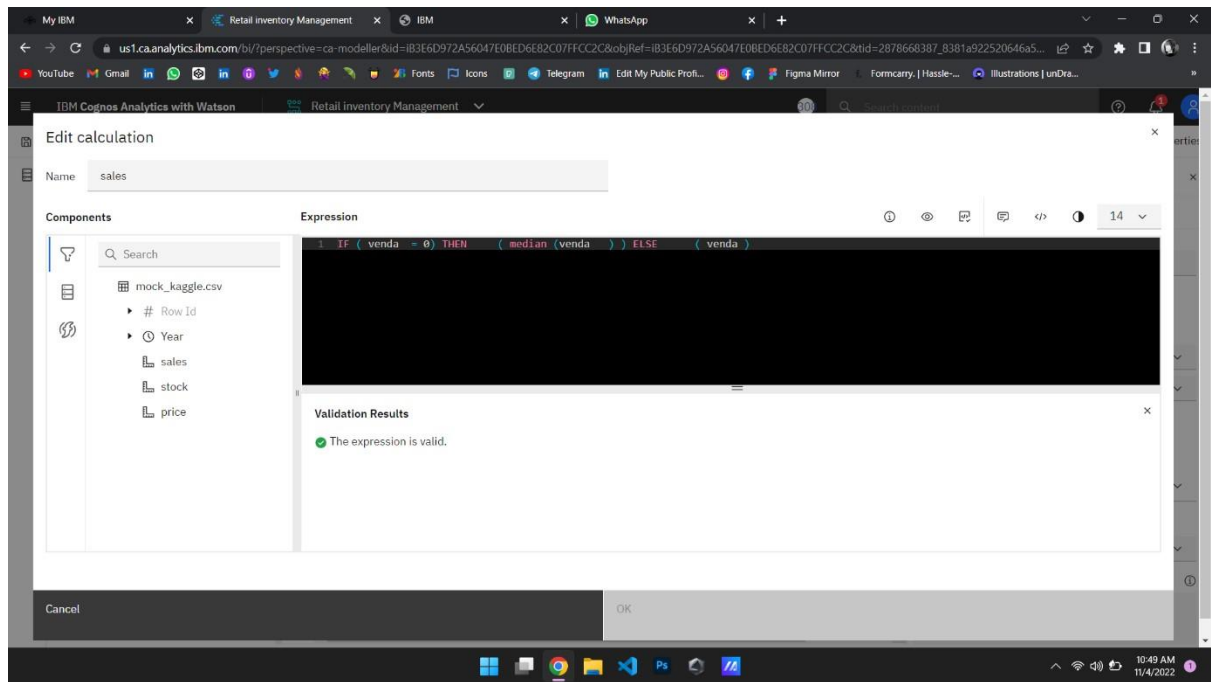
Pharma_Monthly_Sales.csv pharmacy data

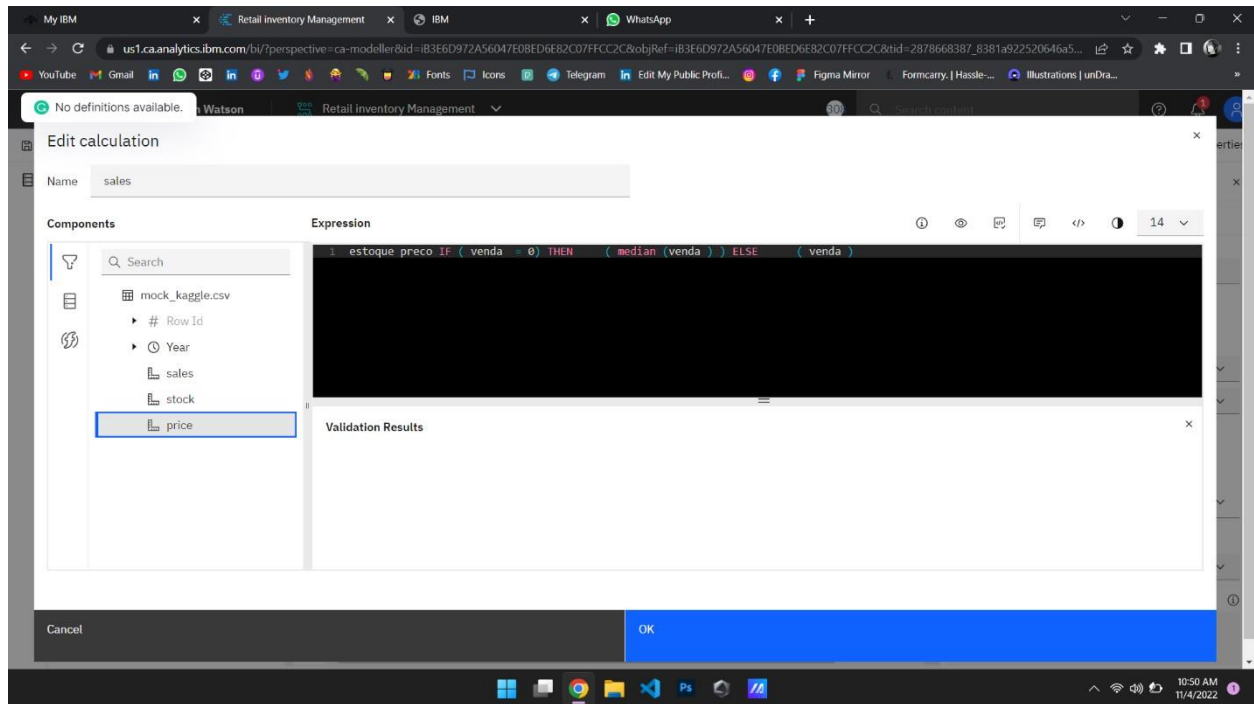
80°F Rain coming 10:37 AM 10/31/2022



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...

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
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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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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
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12	2014-01-12	121	5118	1.09
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Stock-Format Data:

The screenshot shows the IBM Cognos Analytics interface. A 'Data format' dialog is open for the 'stock' column. The dialog has the following settings:

- 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>

The background table displays the following data:

	stock	price
2014-01-05	4972	1.29
2014-01-06	4902	1.29
2014-01-07	4843	1.29
2014-01-08	4750	1.29
2014-01-09	4654	1.29
2014-01-10	4509	1.29
2014-01-11	4329	1.29
2014-01-12	4104	1.29
2014-01-13	4459	1.09
2014-01-14	5043	1.09
2014-01-15	5239	1.09

Sales-Format Data:

The screenshot shows the IBM Cognos Analytics interface. A 'Data format' dialog is open for the 'Sales' column. The dialog has the following settings:

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

The background table displays the following data:

	stock	price
2014-01-05	4972	1.29
2014-01-06	4902	1.29
2014-01-07	4843	1.29
2014-01-08	4750	1.29
2014-01-09	4654	1.29
2014-01-10	4509	1.29
2014-01-11	4329	1.29
2014-01-12	4104	1.29
2014-01-13	4459	1.09
2014-01-14	5043	1.09
2014-01-15	5239	1.09

Price-Format Data:

The screenshot shows the IBM Cognos Analytics interface. A dialog box titled 'Column: price' is open, showing the 'Format type' as 'Number'. The 'Number of decimal places' is set to 2. Other options like 'Negative sign symbol', 'Use thousands separator', 'Negative sign position', and 'Missing value characters' are also visible. 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

Revenue-Format Data:

The screenshot shows the IBM Cognos Analytics interface. A dialog box titled 'Data format' is open, showing the 'Format type' as 'Number'. The 'Number of decimal places' is set to 0. Other options like 'Negative sign symbol', 'Use thousands separator', 'Negative sign position', and 'Missing value characters' are also visible. 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

