

Project Development Phase Delivery of Sprint-1

Team ID	PNT2022TMIB27175
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

Project Contributors

Team Lead – Prasanth G
Amish B
Deivaprasath G
Sakthivel A



TEAM ID: PNT2022TMIB27175

Sprint-1:

Data Collection:

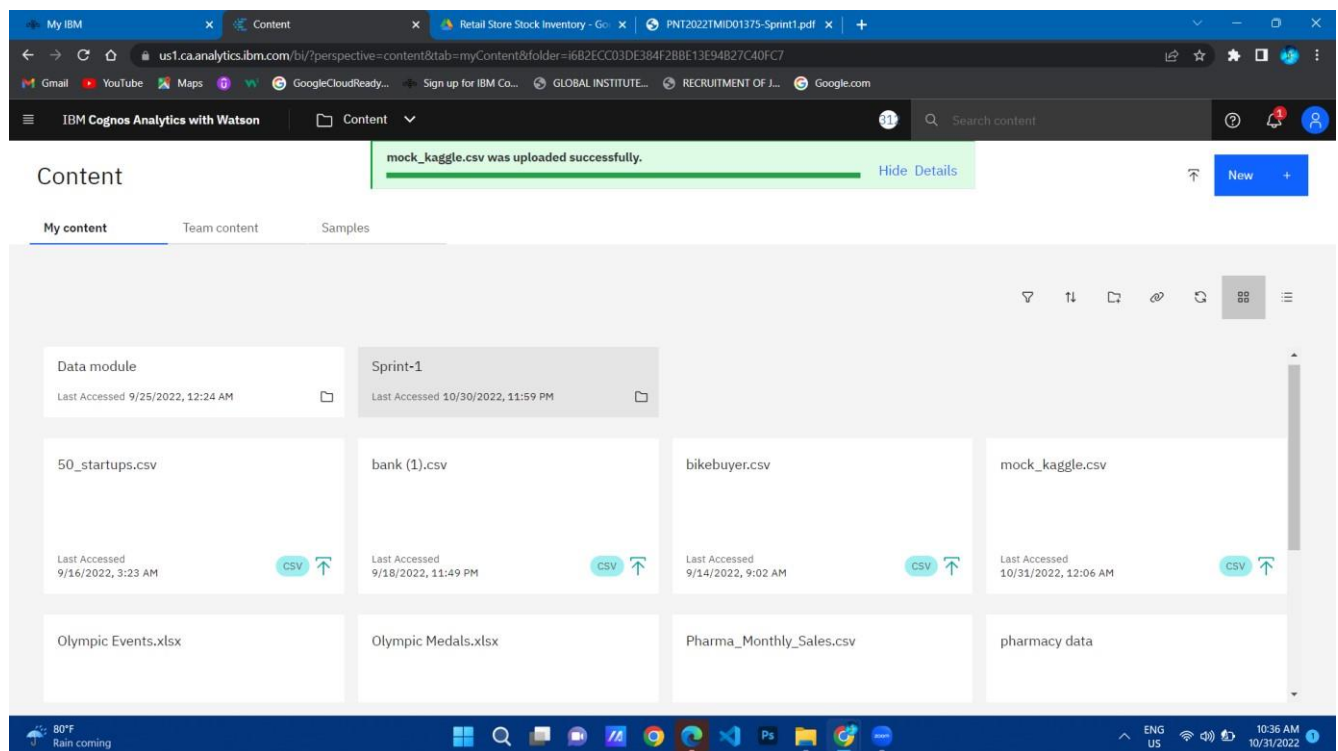
Download the Dataset

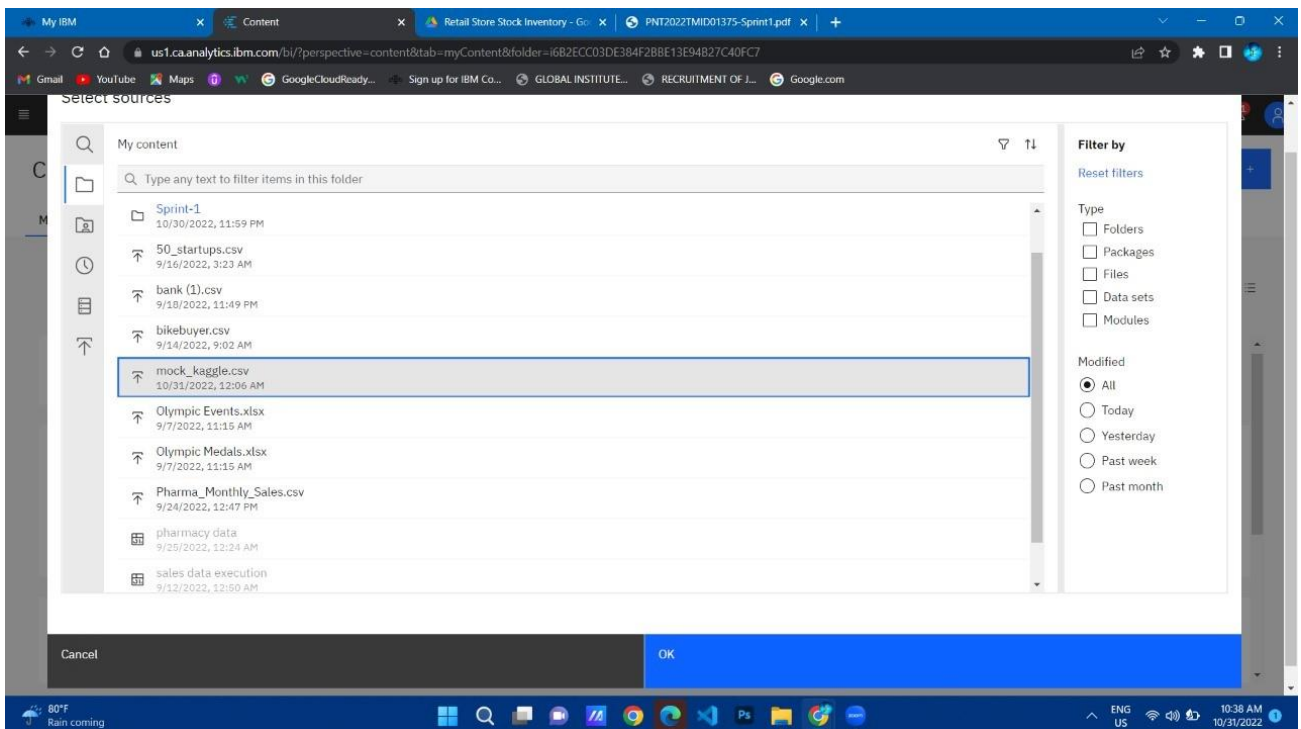
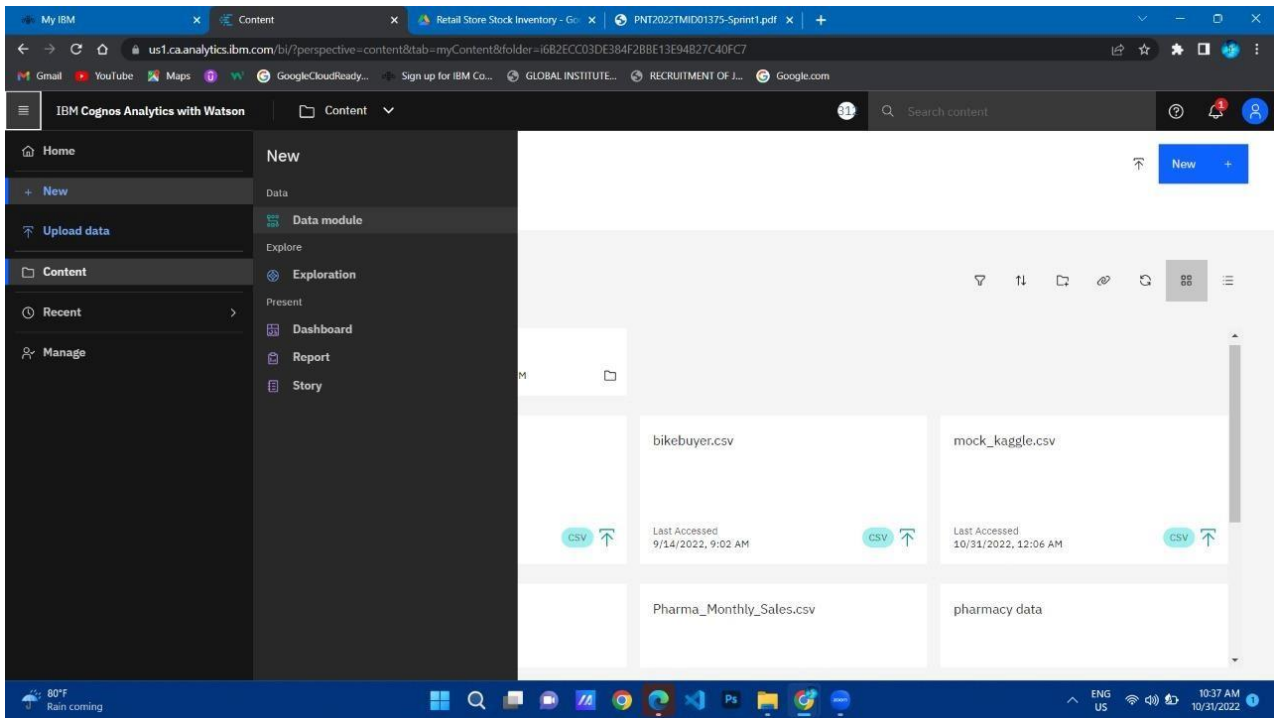
Dataset link - [https://drive.google.com/drive/folders/1kiL-](https://drive.google.com/drive/folders/1kiL-5CHJmQvbk9VyFsuUs-myAupBZGNy)

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

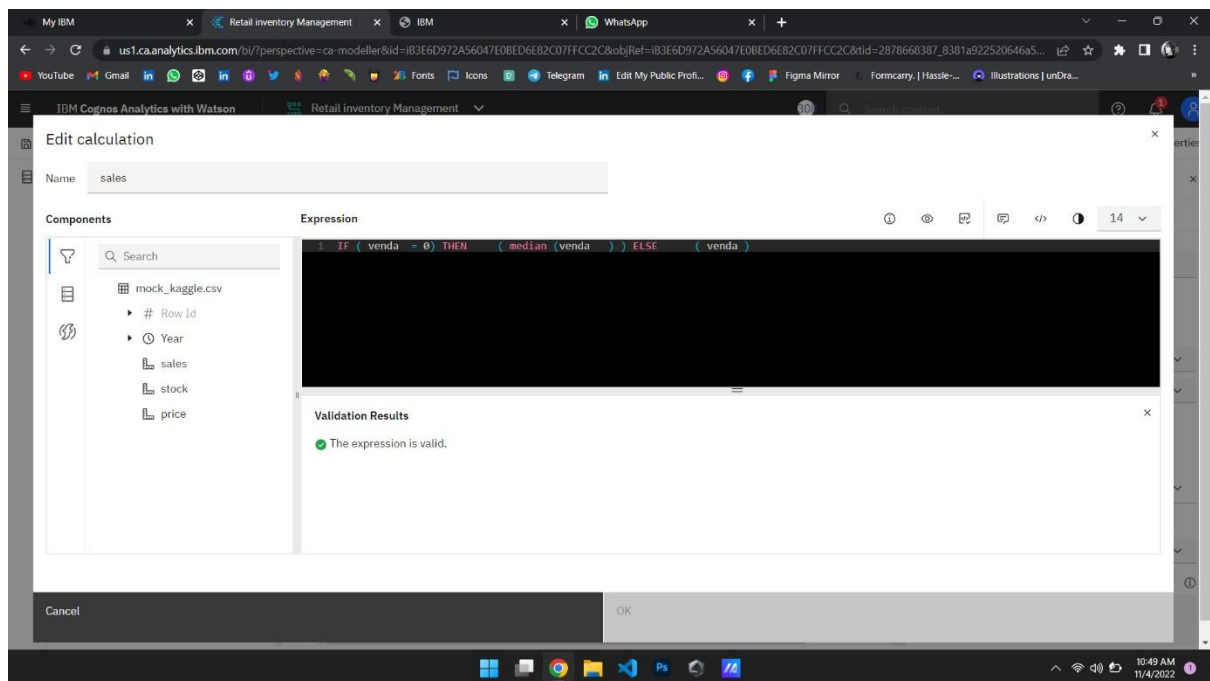
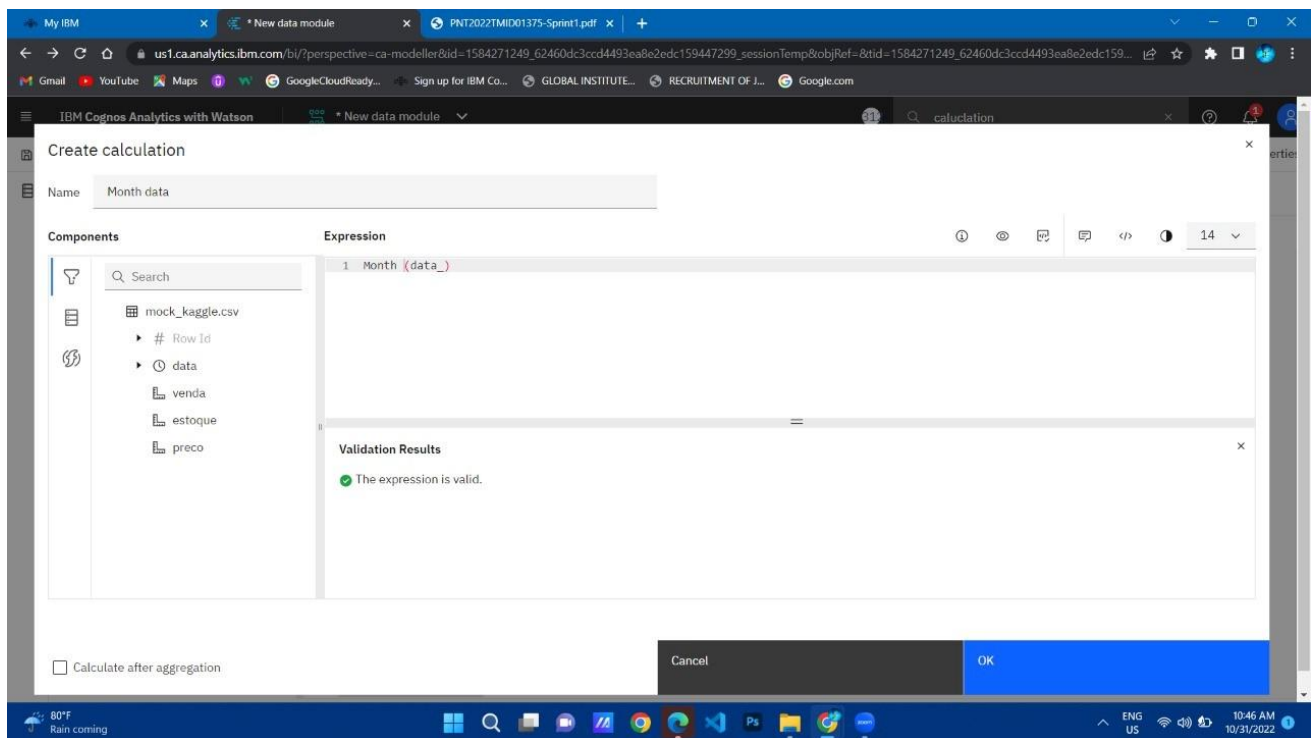
the Dataset:

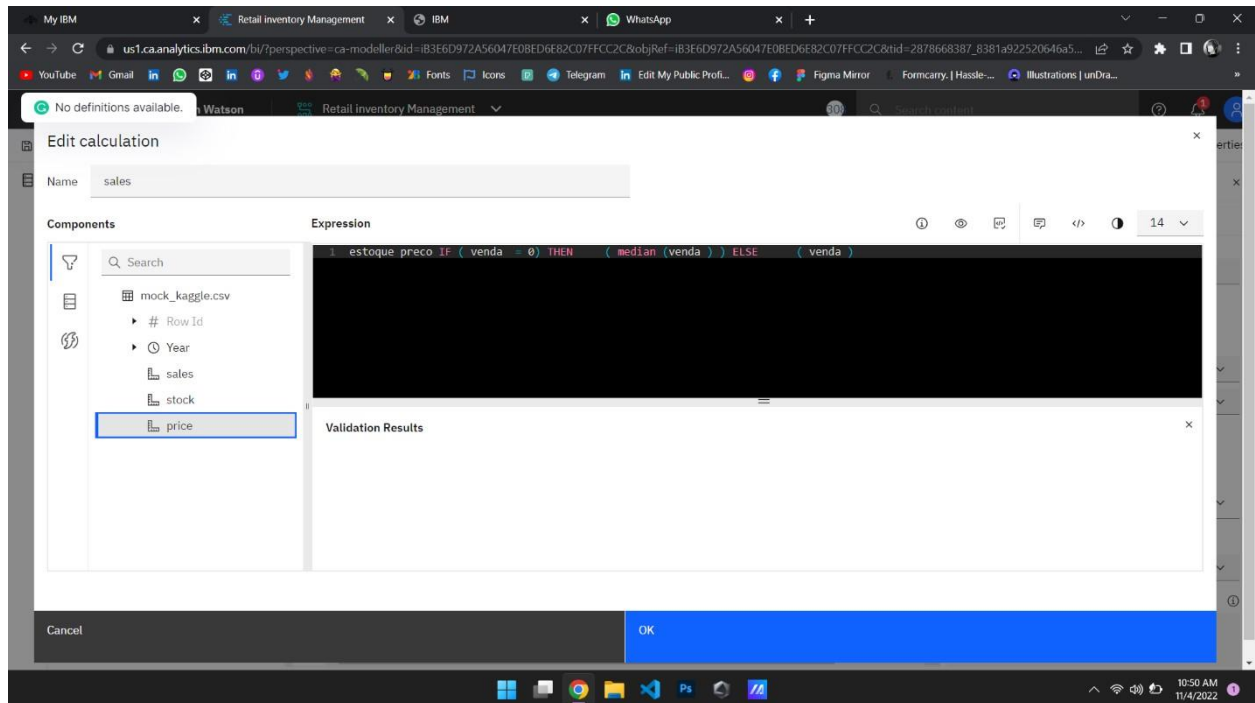
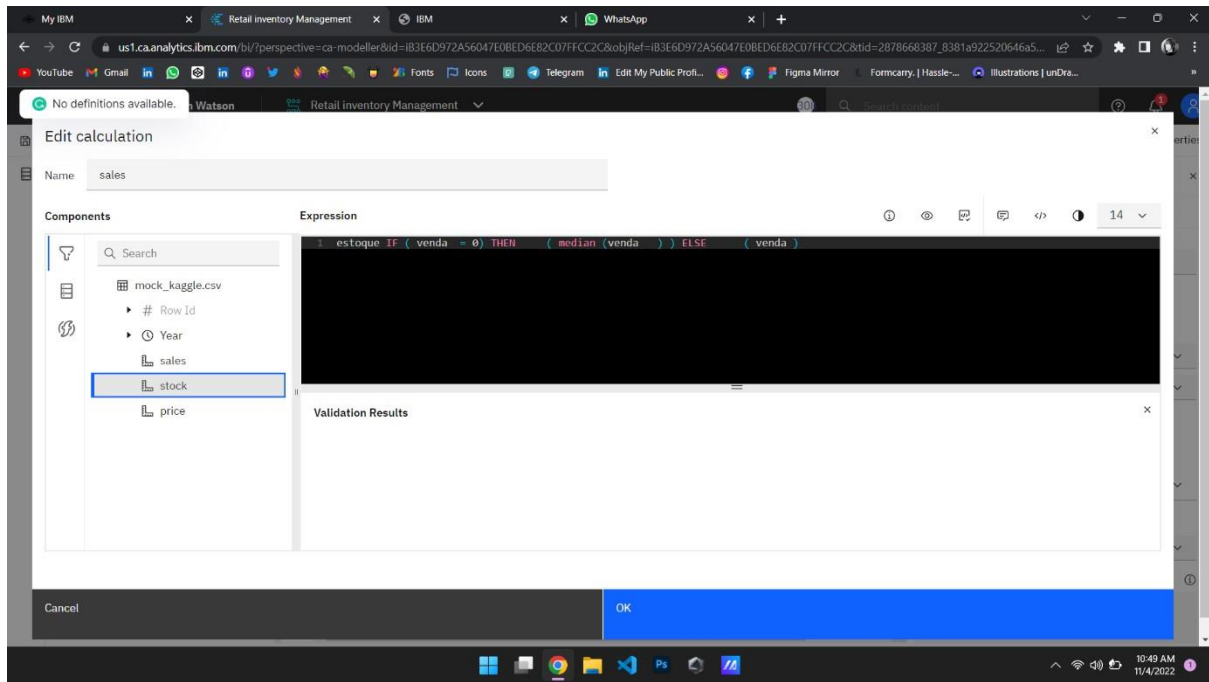
Tool used – IBM Cognos





Month data:





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

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/bi/?perspective=ca-modeller&id=IB3E6D972A56047E0BED6E82C07FCC2C&objRef=IB3E6D972A56047E0BED6E82C07FCC2C&tid=2878668387_8381a922520646a5...

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The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane lists the data source 'mock_kaggle.csv' with columns: Row Id, Year, sales, stock, and price. The 'Grid' tab is active, displaying a table with 13 rows of data. The columns are Row Id, Year, sales, stock, and price. The data represents daily inventory levels for January 2014.

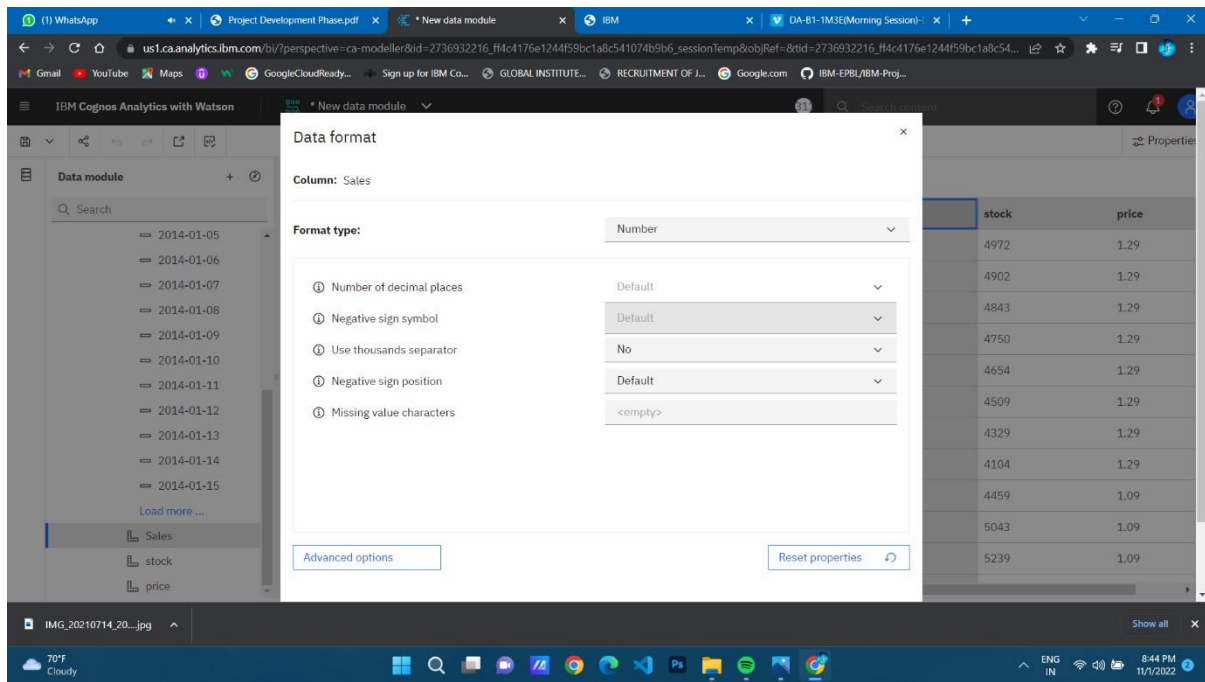
Row Id	Year	sales	stock	price
1	2014-01-01	76	4972	1.29
2	2014-01-02	70	4902	1.29
3	2014-01-03	59	4843	1.29
4	2014-01-04	93	4750	1.29
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Stock-Format Data:

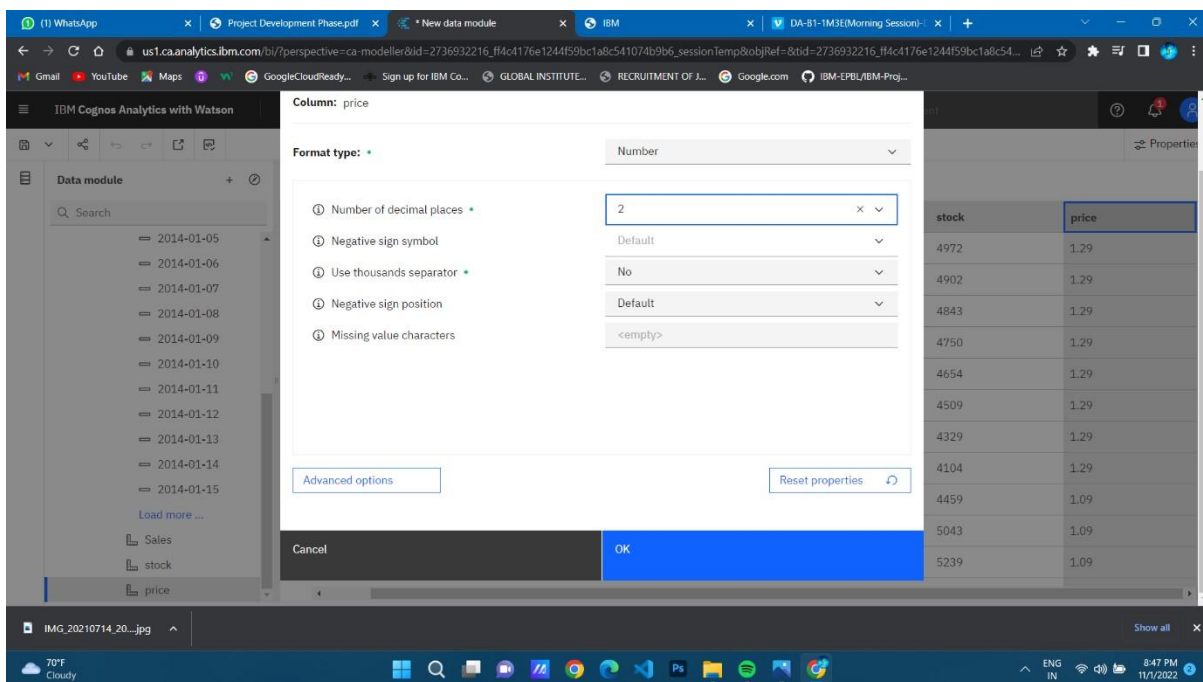
The screenshot shows the 'Data format' dialog box in IBM Cognos Analytics. The 'Column' is set to 'stock'. The 'Format type' is 'Number'. The 'Number of decimal places' is 'Default'. The 'Negative sign symbol' is 'Default'. The 'Use thousands separator' is set to 'No'. The 'Negative sign position' is 'Default'. The 'Missing value characters' are '<empty>'. The 'Advanced options' button is visible at the bottom left of the dialog. In the background, a data grid is visible 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

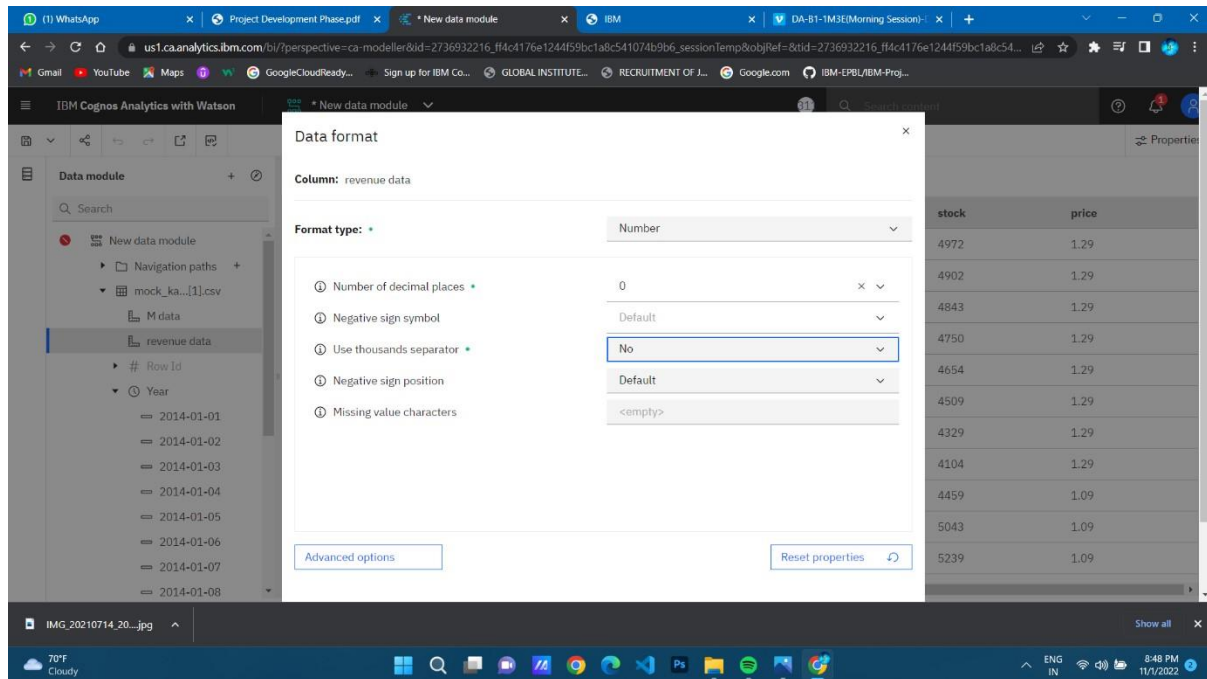
Sales-Format Data:



Price-Format Data:



Revenue-Format Data:



Prepared data link –

https://us1.ca.analytics.ibm.com/bi/?perspective=camodeller&pathRef=.my_folders%2Fproject%2Bdevelopment%2Bphase%2FSprint-1%2FRetail%2Binventory%2BManagement