

Project Development Phase

Delivery of Sprint-1

Team ID	PNT2022TMID52083
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

Sprint-1:

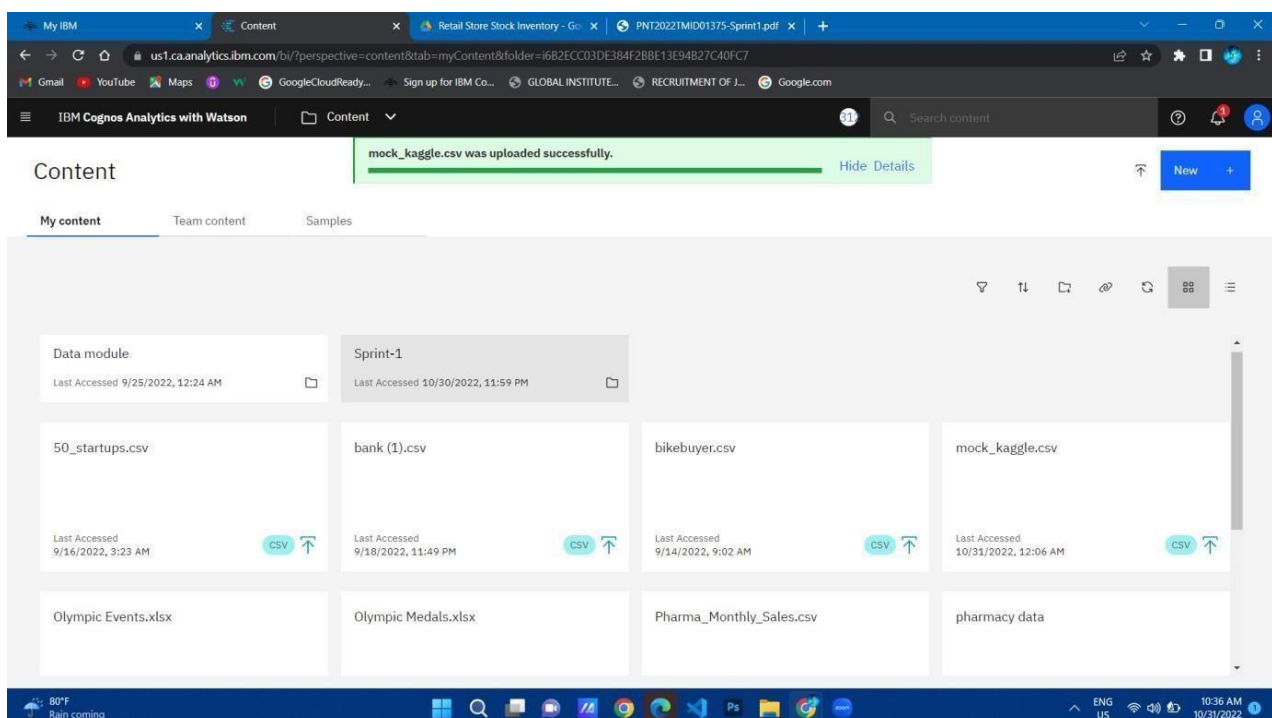
Data Collection:

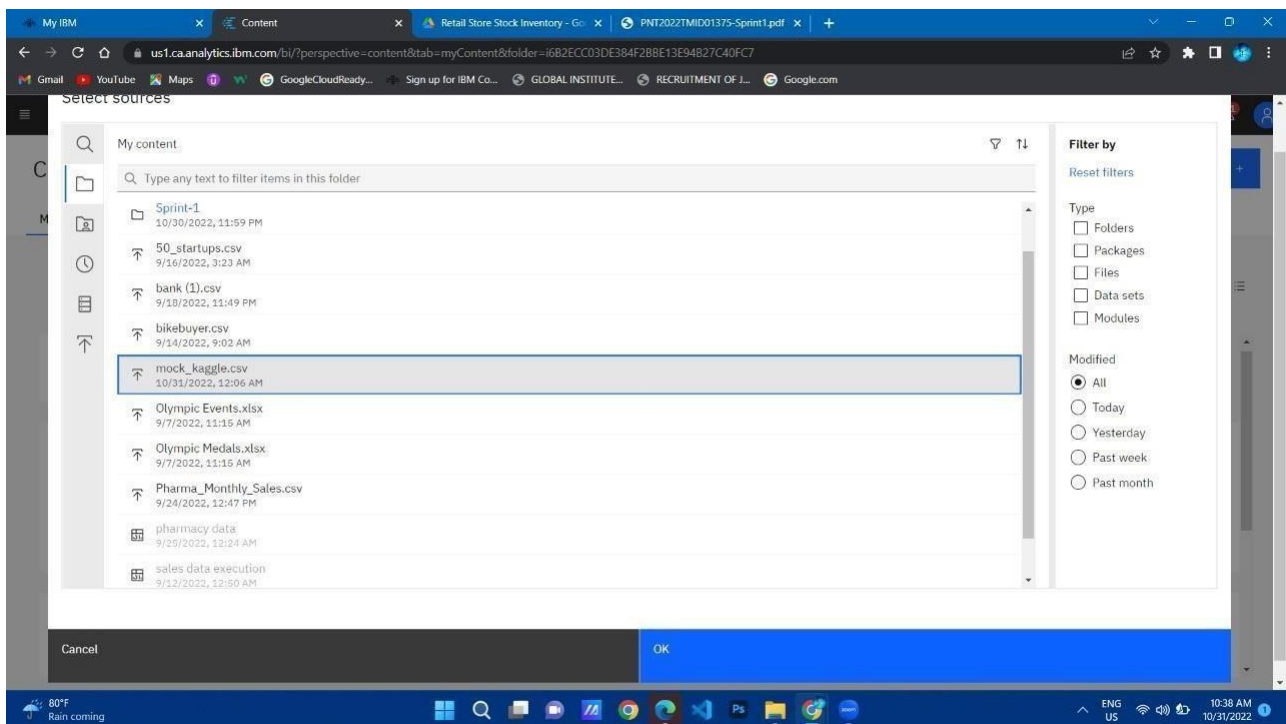
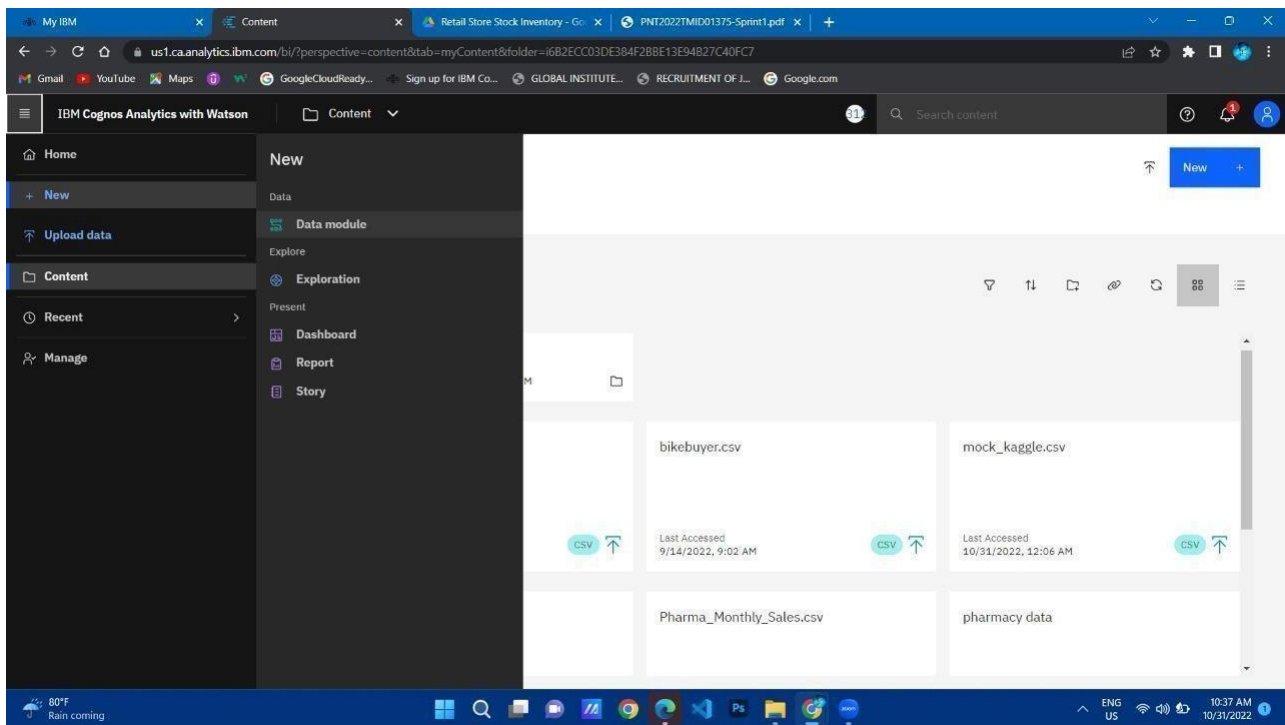
Download the Dataset

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

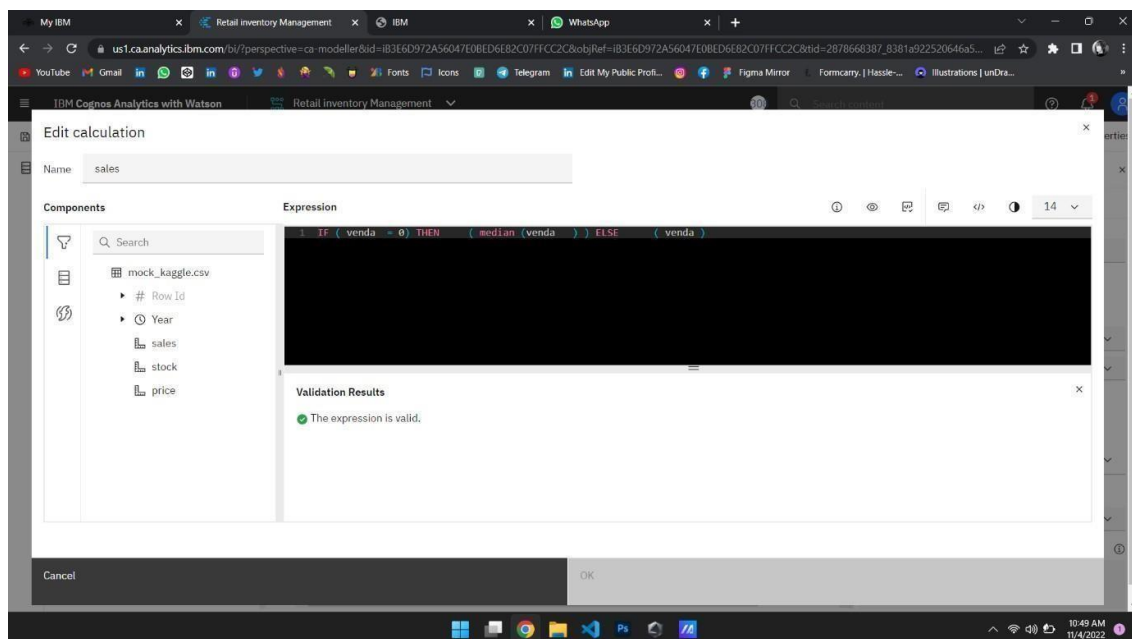
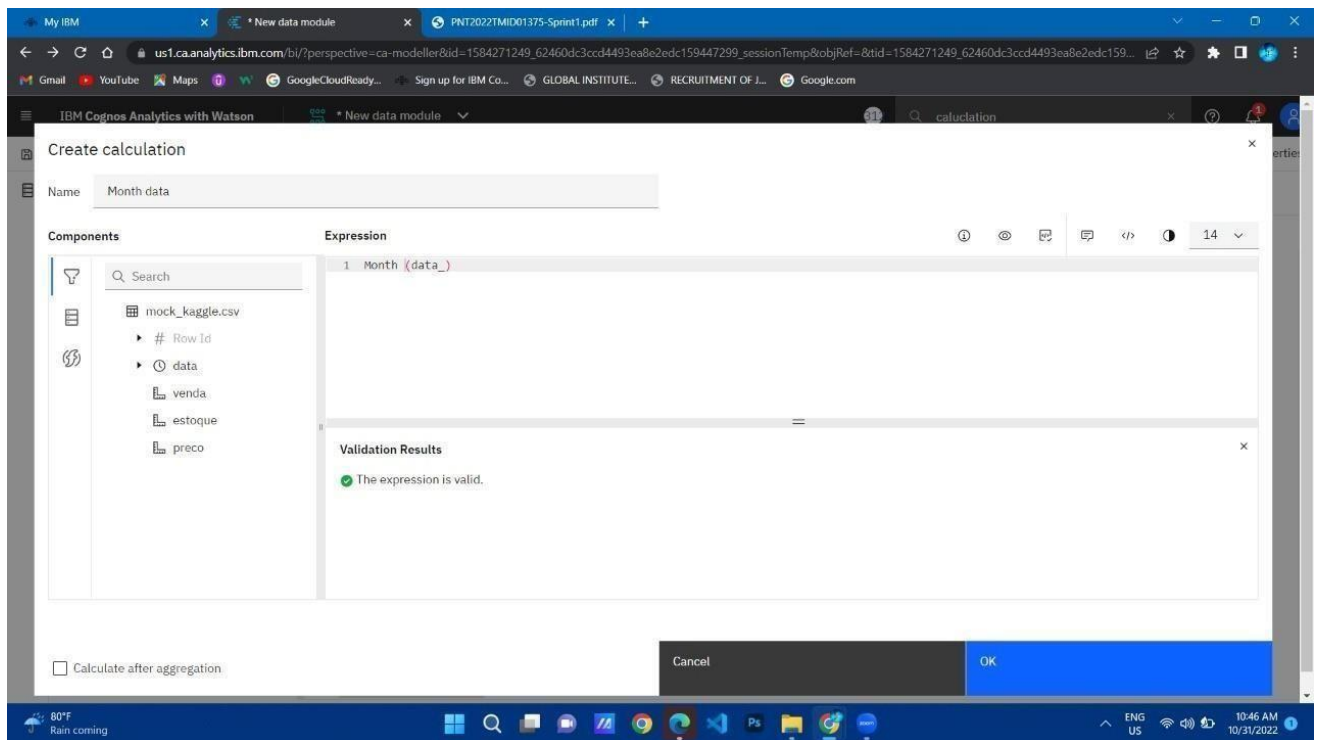
Load the Dataset:

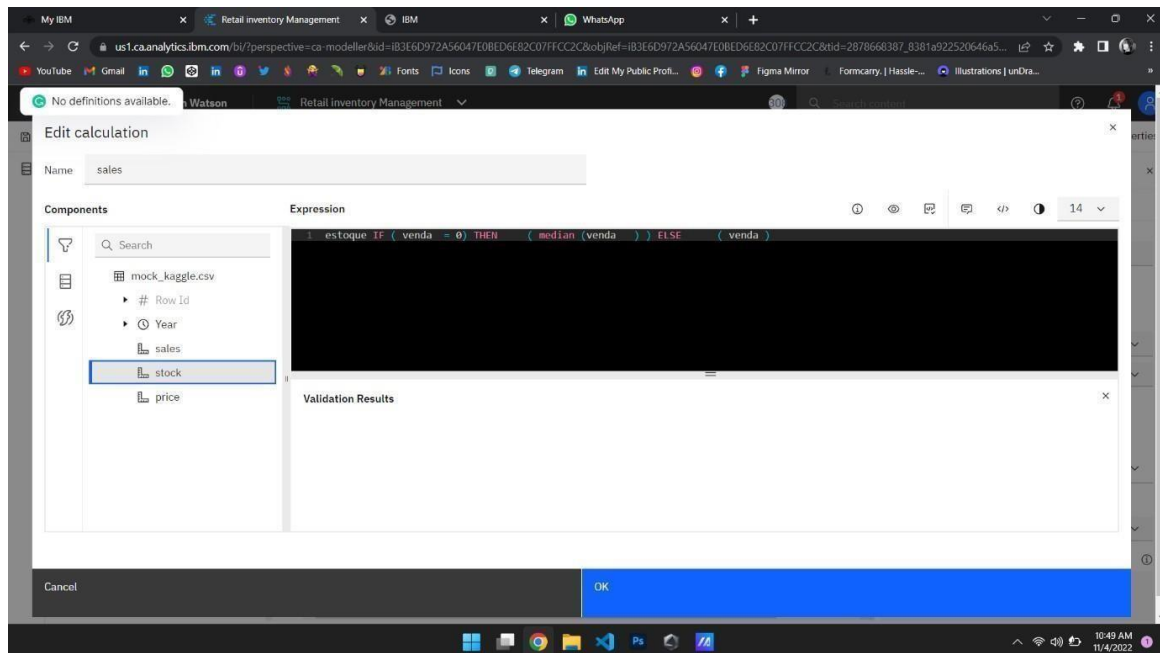
Tool used – IBM Cognos





Month data:





My IBM Retail inventory Management IBM WhatsApp

us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=ib3E6D972A56047E0BED6E82C07FFCC2C&objRef=ib3E6D972A56047E0BED6E82C07FFCC2C&tid=2878668387_8381a922520646a5...

No definitions available.

Edit calculation

Name sales

Components

- mock_kaggle.csv
 - # RowId
 - Year
 - sales
 - stock
 - price

Expression

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

Validation Results

Cancel OK

My IBM Retail inventory Management IBM WhatsApp

us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=ib3E6D972A56047E0BED6E82C07FFCC2C&objRef=ib3E6D972A56047E0BED6E82C07FFCC2C&tid=2878668387_8381a922520646a5...

IBM Cognos Analytics with Watson

Data module

- Retail inventory Management
 - Navigation paths
 - mock_kaggle.csv
 - # RowId
 - Year
 - sales
 - stock
 - price

Grid

11	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

The image displays two screenshots of the IBM Cognos Analytics web application. Both screenshots show the same data table, 'Retail inventory Management', which is loaded from a CSV file named 'mock_kaggle.csv'. The table is displayed in a grid view with columns: Row Id, Year, sales, stock, and price. The data represents daily sales and stock levels for January 2014.

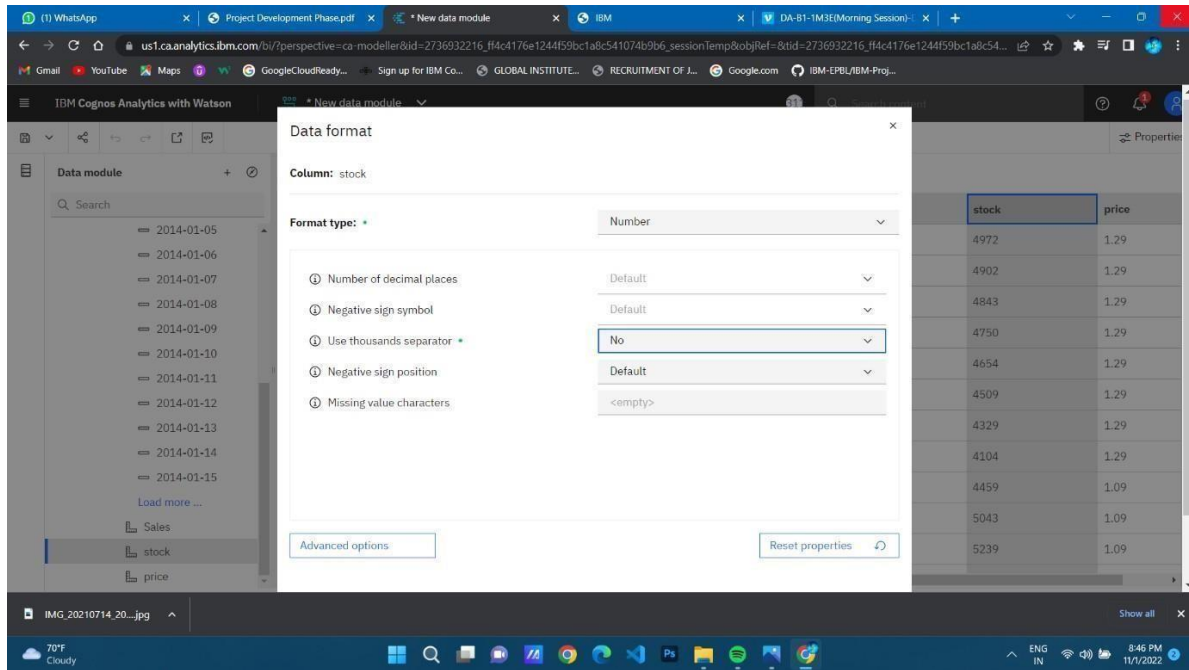
Table 1 (Top Screenshot):

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

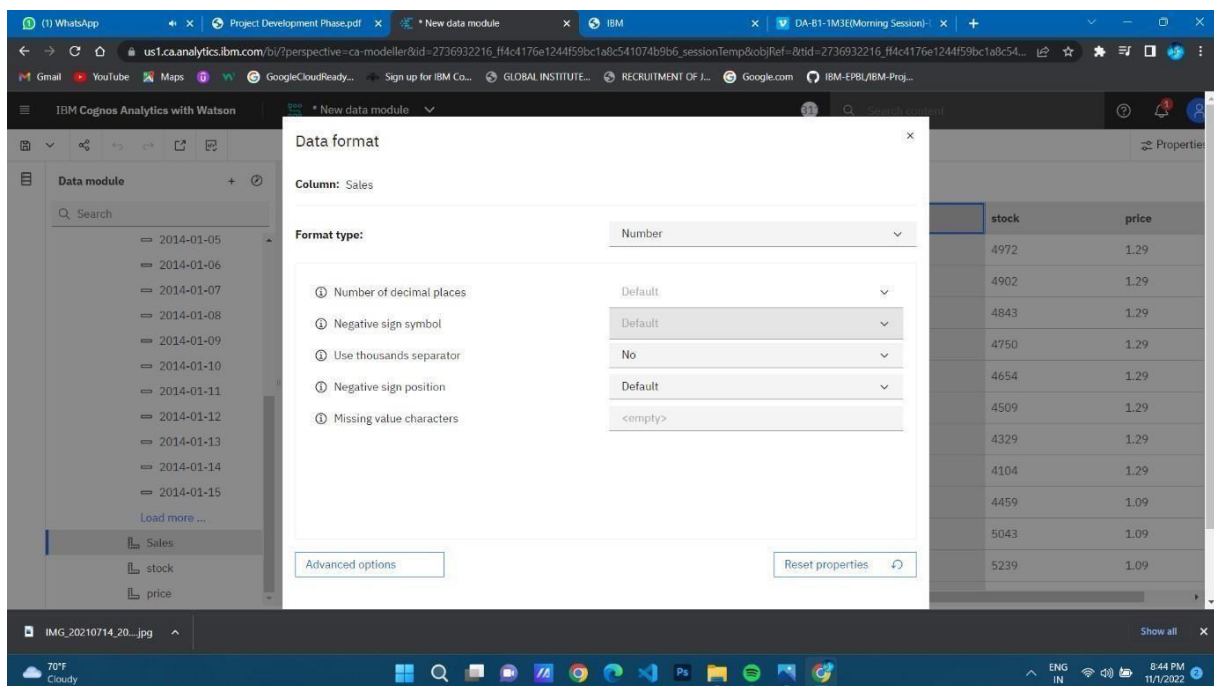
Table 2 (Bottom Screenshot):

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
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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

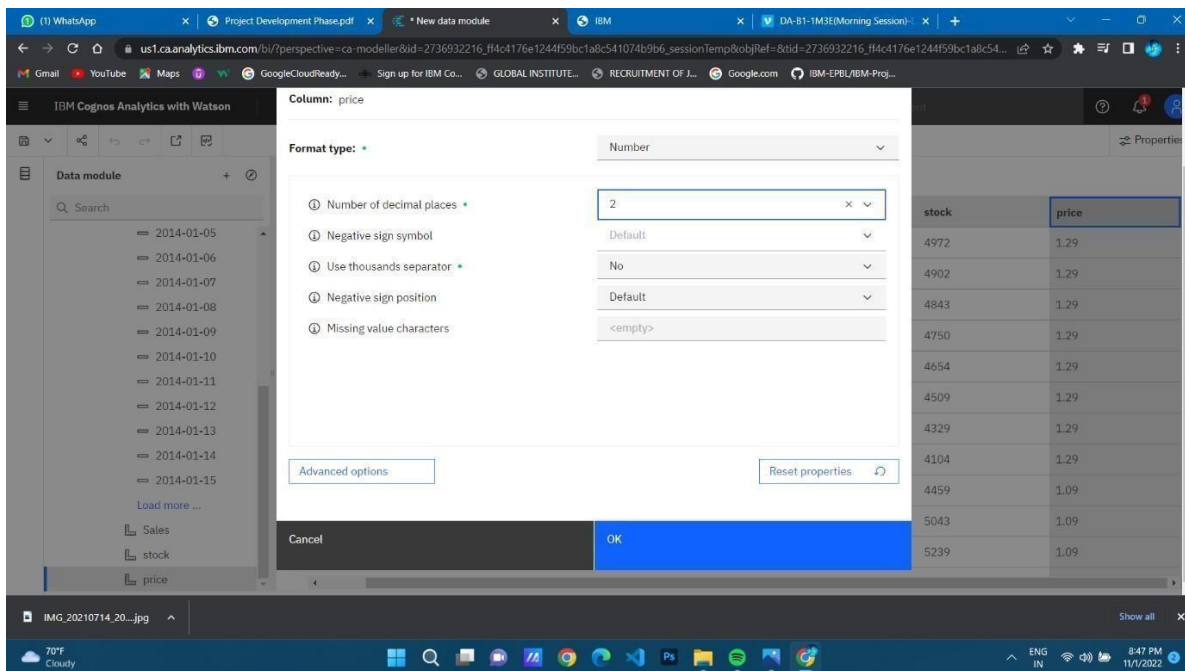
Stock-Format Data:



Sales-Format Data:



Price-Format Data:



Revenue-Format Data:

