

PROJECT DEVELOPMENT PHASE DELIVERY OF SPRINT - 1

Team ID	PNT2022TMID04961
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 –

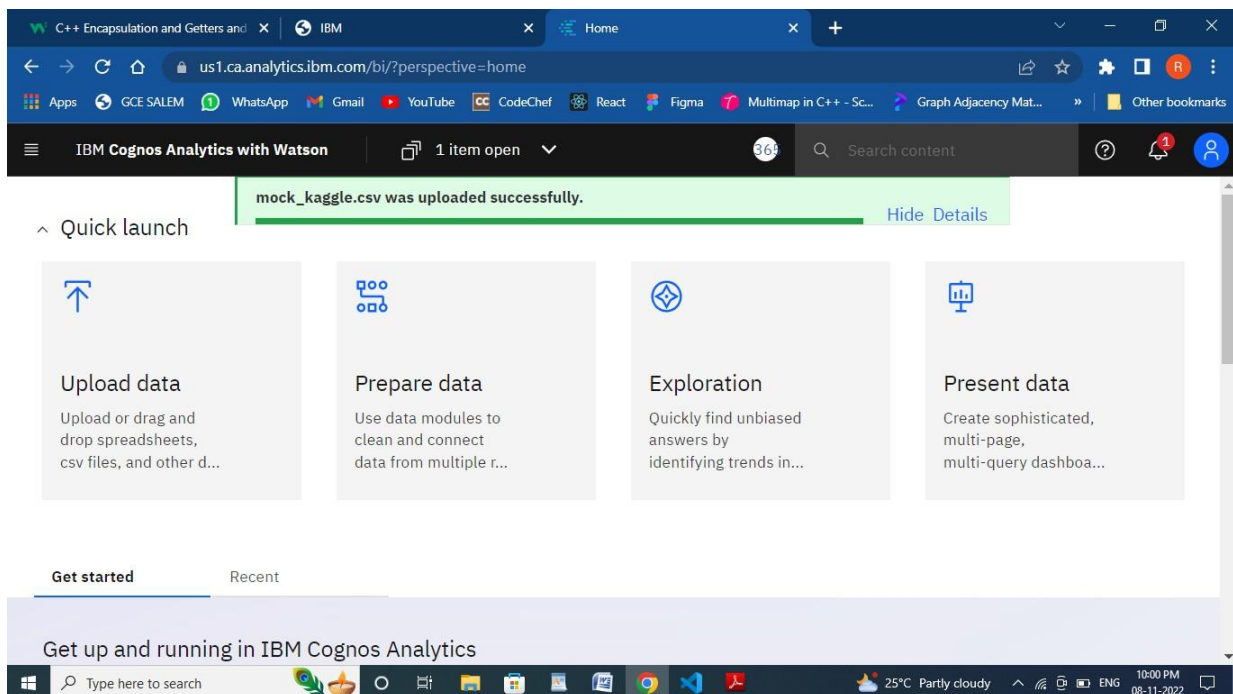
[https://drive.google.com/drive/folders/1kiL-](https://drive.google.com/drive/folders/1kiL-5CHJmQvbk9VyFsuUs-myAupBZGNy)

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

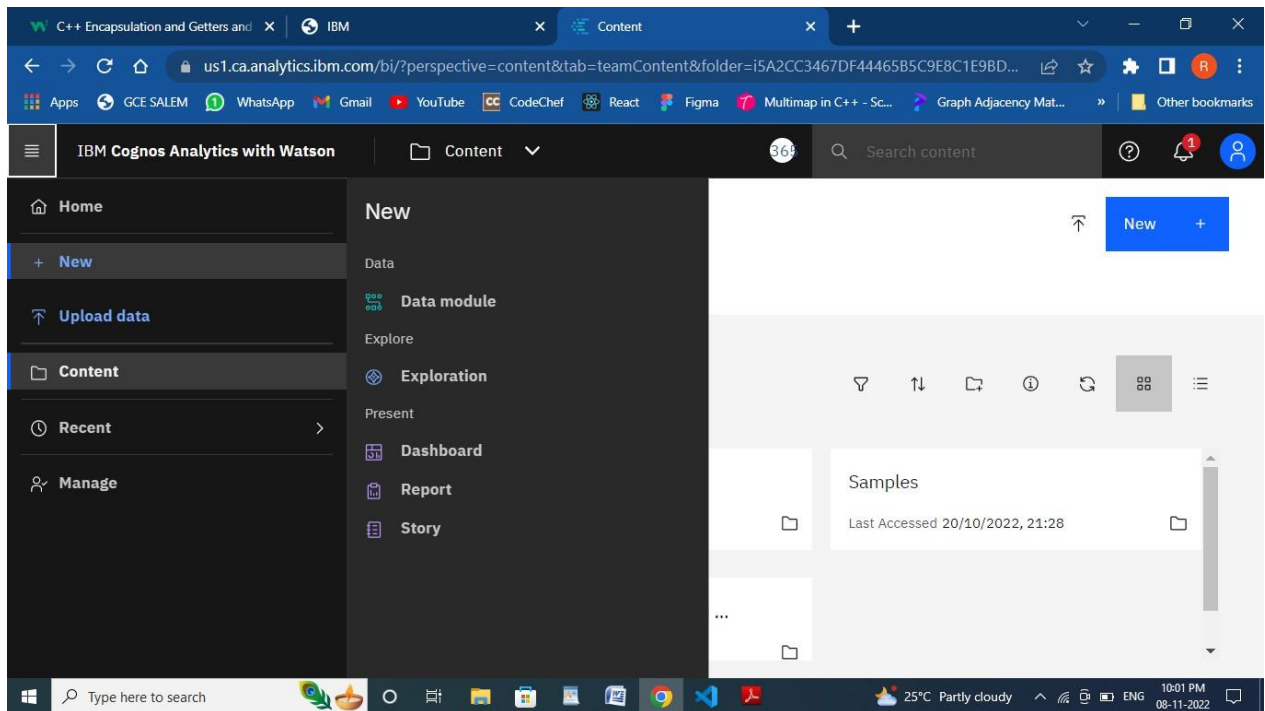
Load the Dataset :

Tool used – IBM Cognos

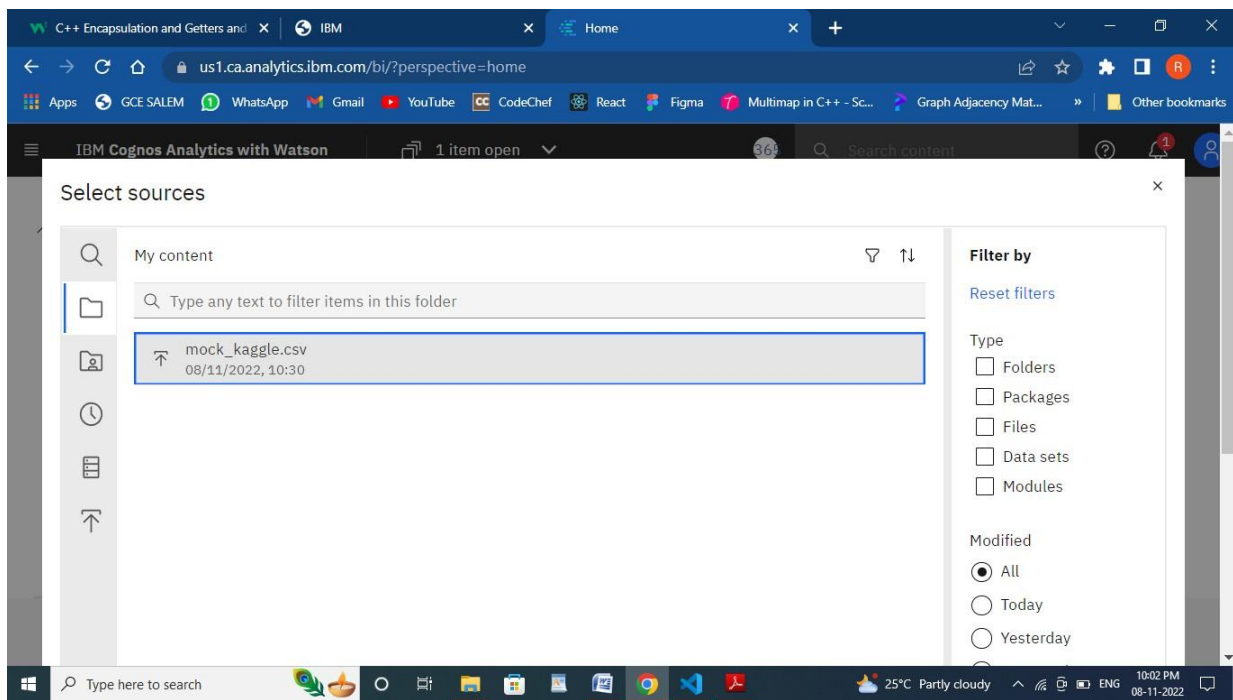
Upload Data :



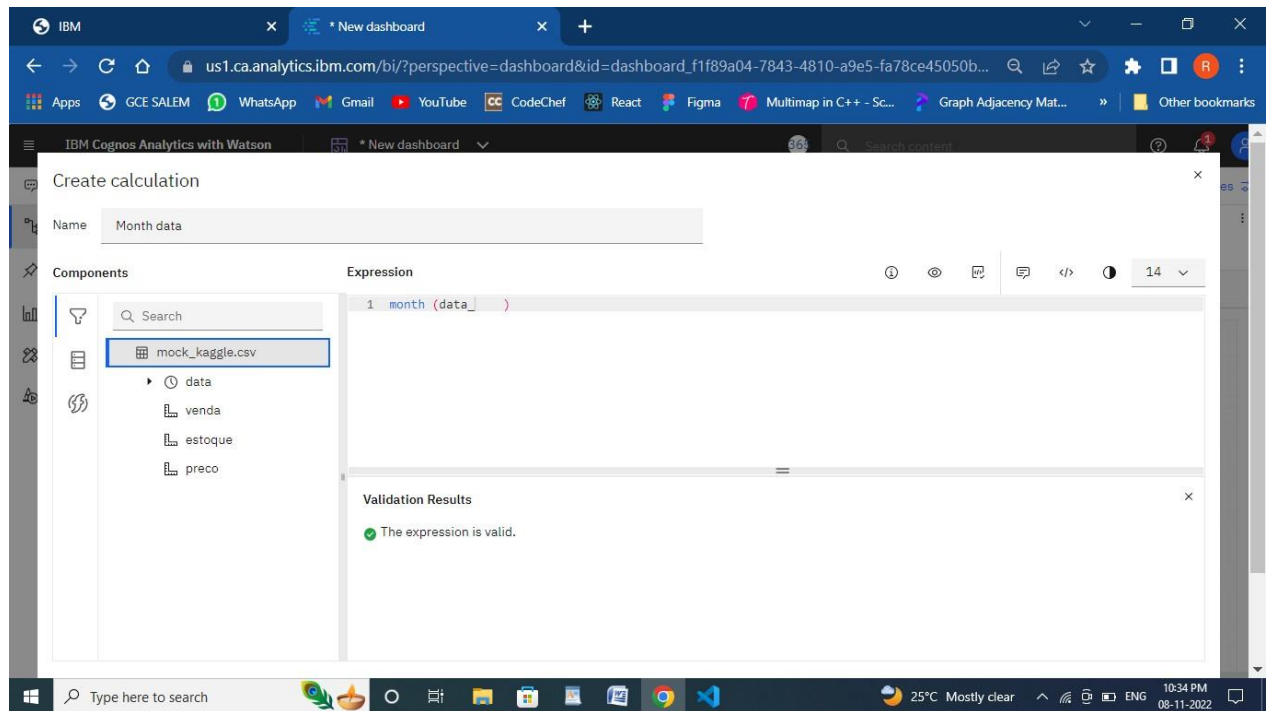
Create a data module :



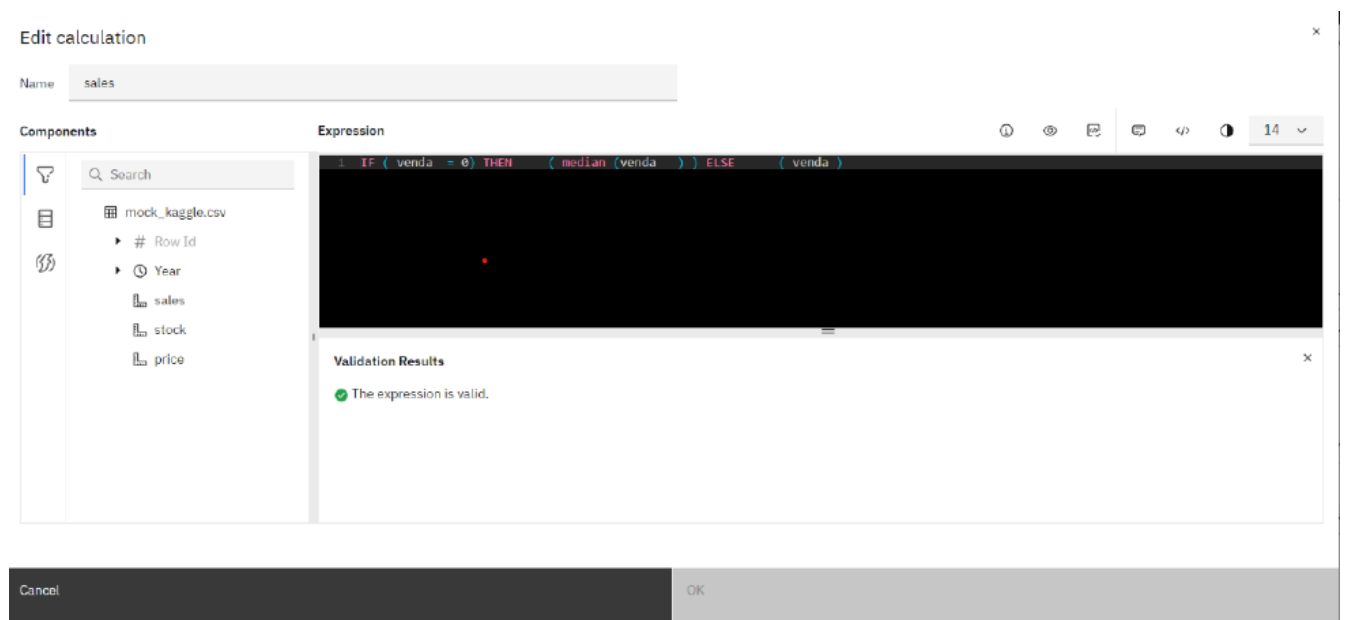
Prepare Dataset :



Month Data :



Sales Calculation :



Stock Calculation :

Edit calculation

Name

sales

Components

Expression

Search

mock_kaggle.csv

Row Id

Year

sales

stock

price

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

Validation Results

Cancel

OK

Price Calculation :

Edit calculation

Name

sales

Components

Expression

Search

mock_kaggle.csv

Row Id

Year

sales

stock

price

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

Validation Results

Cancel

OK

Sales Dataset :

The screenshot shows the IBM Cognos Analytics interface. The left sidebar displays the 'Data module' with a search bar and a list of data sources. The 'Sales' data source is selected. The main area shows a table with 11 rows and 5 columns: Row Id, Year, Sales, Stock, and Price. The 'Sales' column is highlighted. The bottom of the screen shows the Windows taskbar with the search bar and various application icons.

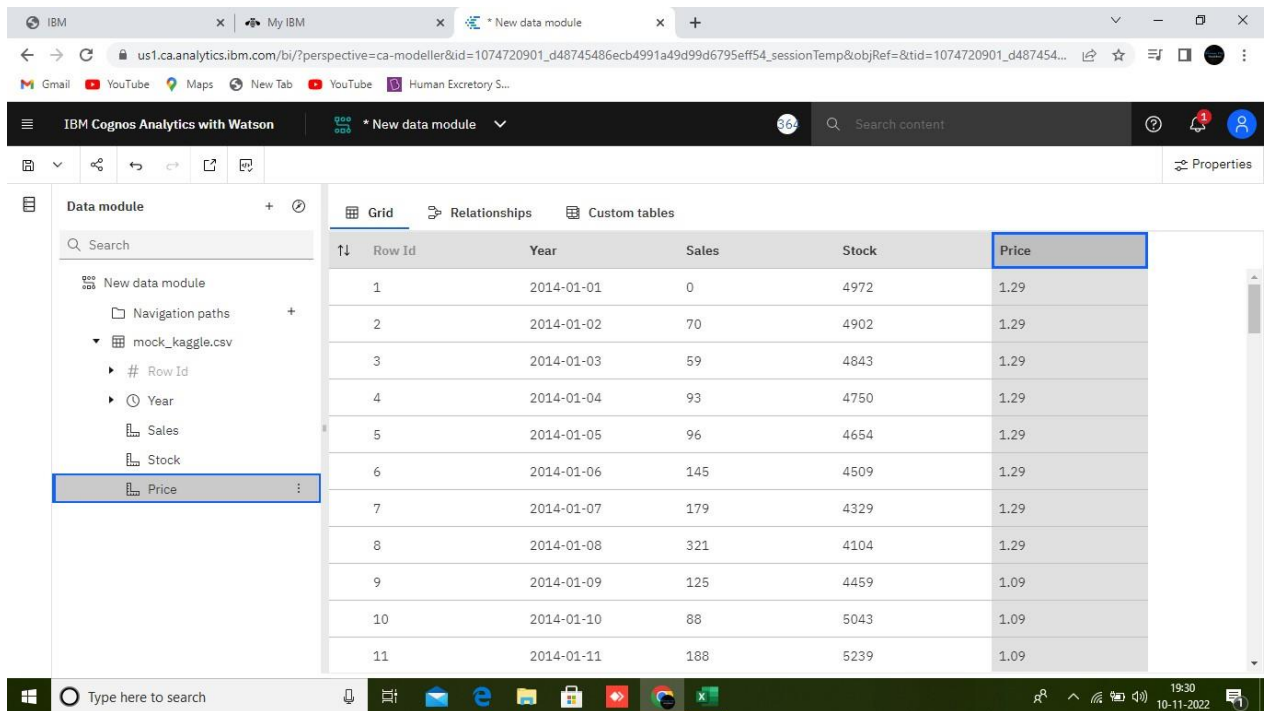
Row Id	Year	Sales	Stock	Price
1	2014-01-01	0	4972	1.29
2	2014-01-02	70	4902	1.29
3	2014-01-03	59	4843	1.29
4	2014-01-04	93	4750	1.29
5	2014-01-05	96	4654	1.29
6	2014-01-06	145	4509	1.29
7	2014-01-07	179	4329	1.29
8	2014-01-08	321	4104	1.29
9	2014-01-09	125	4459	1.09
10	2014-01-10	88	5043	1.09
11	2014-01-11	188	5239	1.09

Stock Dataset :

The screenshot shows the IBM Cognos Analytics interface. The left sidebar displays the 'Data module' with a search bar and a list of data sources. The 'Stock' data source is selected. The main area shows a table with 11 rows and 5 columns: Row Id, Year, Sales, Stock, and Price. The 'Stock' column is highlighted. The bottom of the screen shows the Windows taskbar with the search bar and various application icons.

Row Id	Year	Sales	Stock	Price
1	2014-01-01	0	4972	1.29
2	2014-01-02	70	4902	1.29
3	2014-01-03	59	4843	1.29
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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

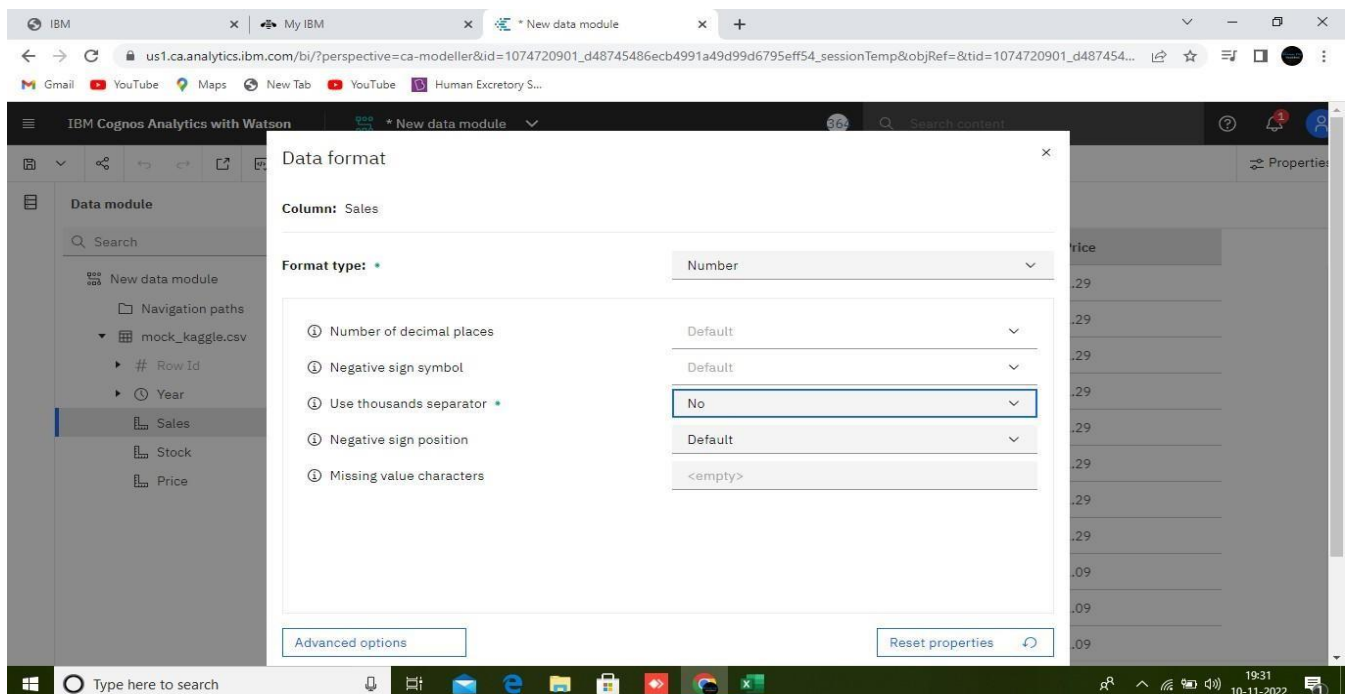
Price Dataset :



The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane displays a tree view with 'mock_kaggle.csv' expanded, showing columns: Row Id, Year, Sales, Stock, and Price. The 'Price' column is selected. The main area shows a table with 11 rows of data. The 'Price' column is highlighted with a blue border.

Row Id	Year	Sales	Stock	Price
1	2014-01-01	0	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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9	2014-01-09	125	4459	1.09
10	2014-01-10	88	5043	1.09
11	2014-01-11	188	5239	1.09

Sales - Format Data :



The screenshot shows the IBM Cognos Analytics interface with the 'Data format' dialog box open for the 'Sales' column. The 'Format type' is set to 'Number'. The 'Use thousands separator' option is checked 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.

Data format

Column: Sales

Format type: Number

① Number of decimal places: Default

① Negative sign symbol: Default

① Use thousands separator: No

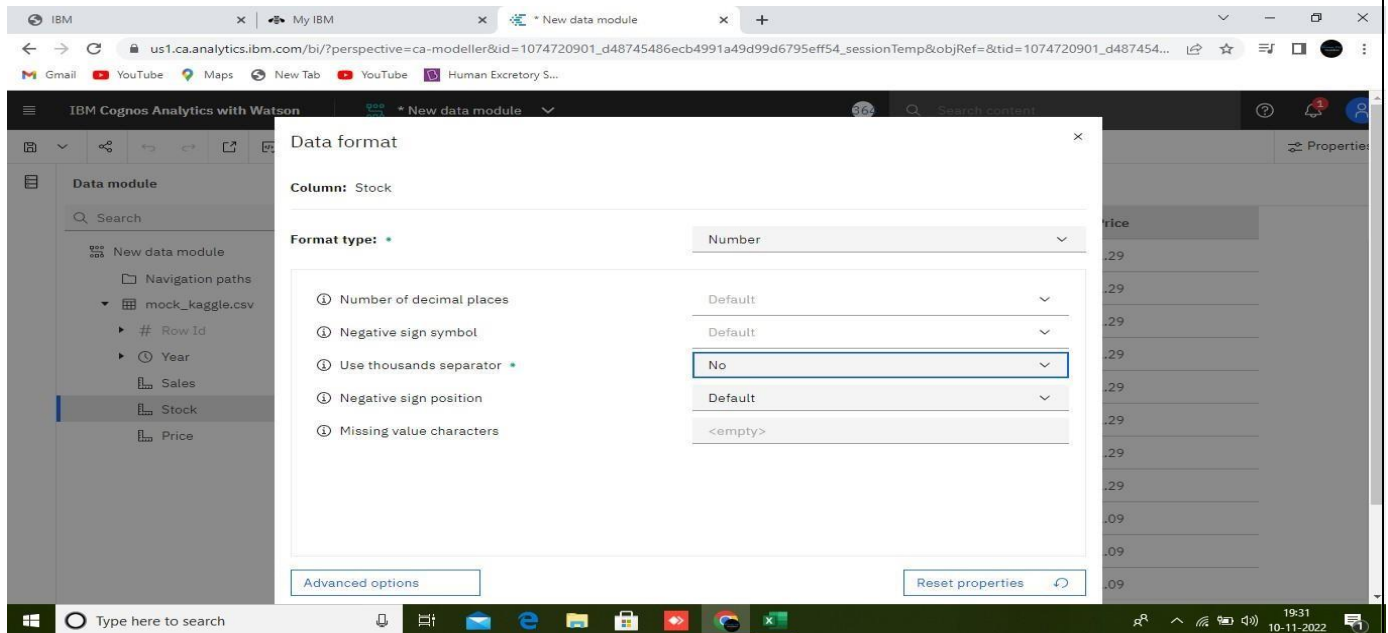
① Negative sign position: Default

① Missing value characters: <empty>

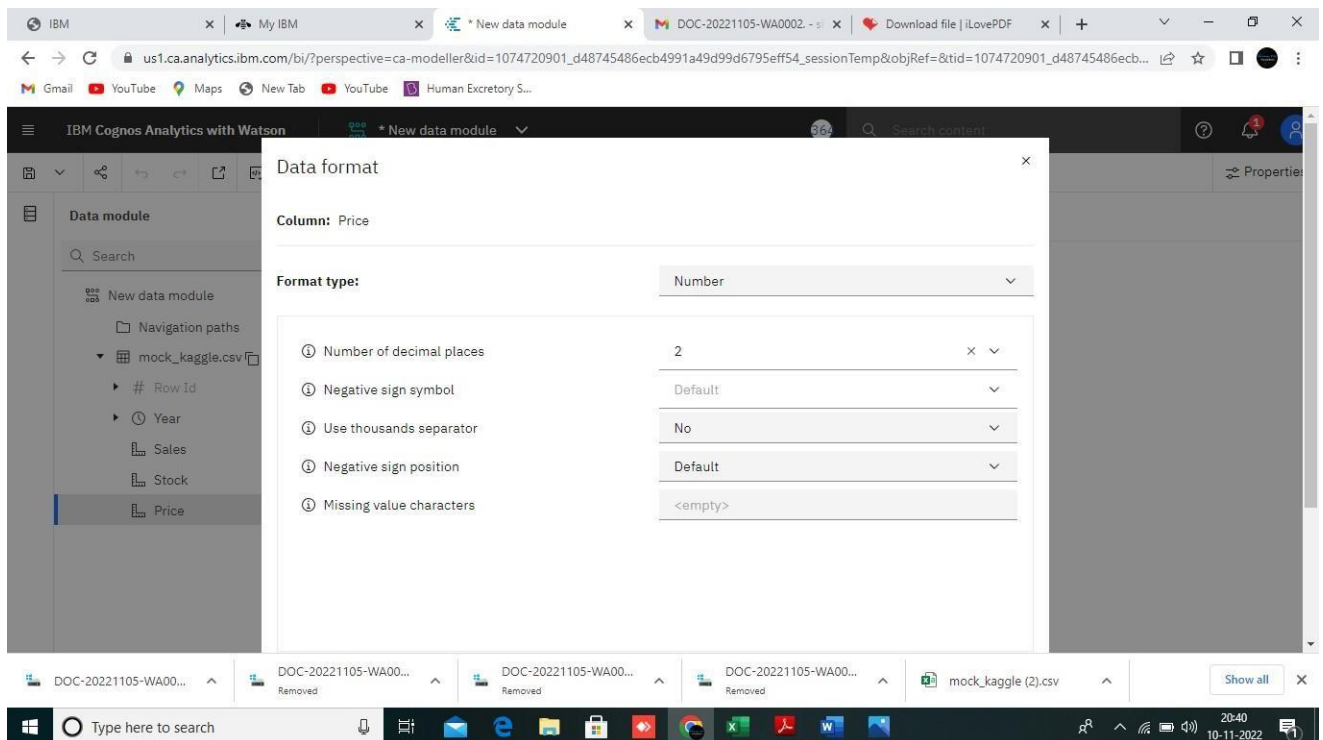
Advanced options

Reset properties

Stock – Format Data :



Price – Format Data :



Revenue – Format Data :

Data format

×

Column: Revenue Data

Format type:

Number

▼

① Number of decimal places

0

×

▼

① Negative sign symbol

Default

▼

① Use thousands separator

No

▼

① Negative sign position

Default

▼

① Missing value characters

<empty>