

## Project Development Phase Delivery of Sprint-1

Team ID	PNT2022TMID09295
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:

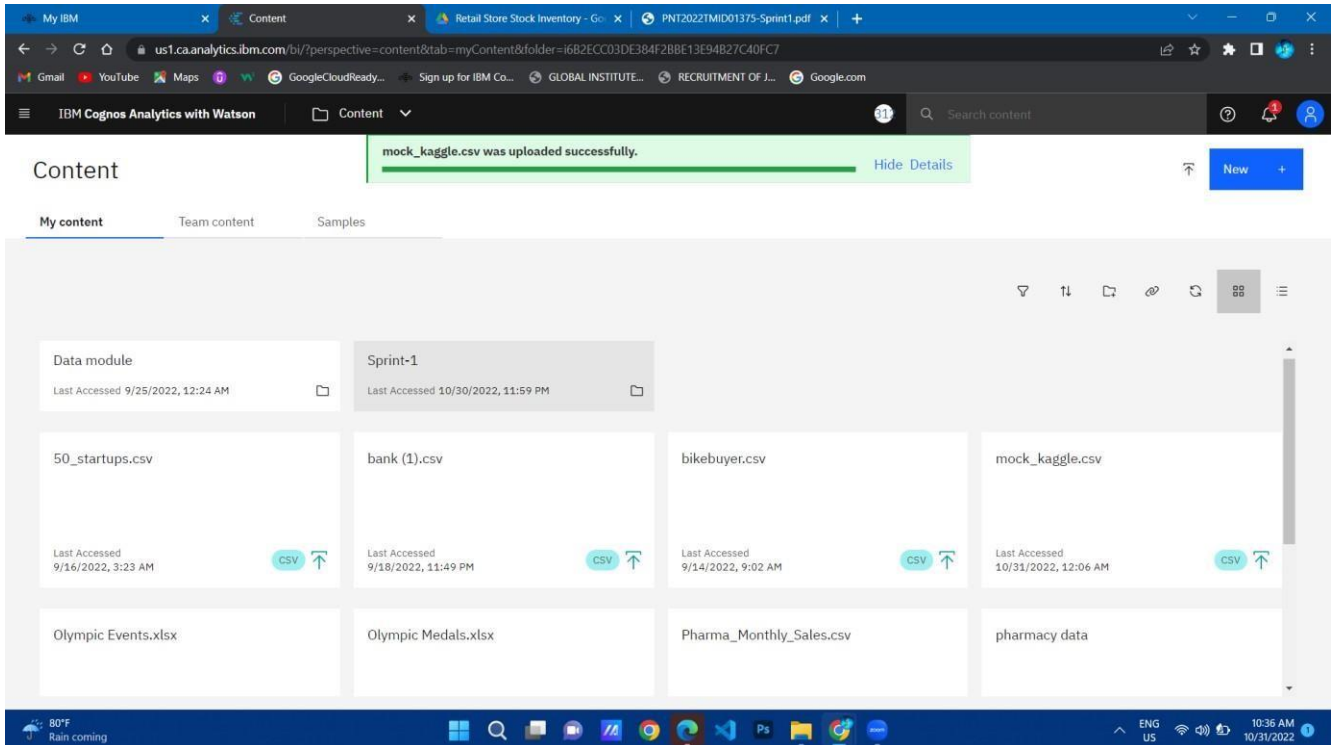
### Data Collection:

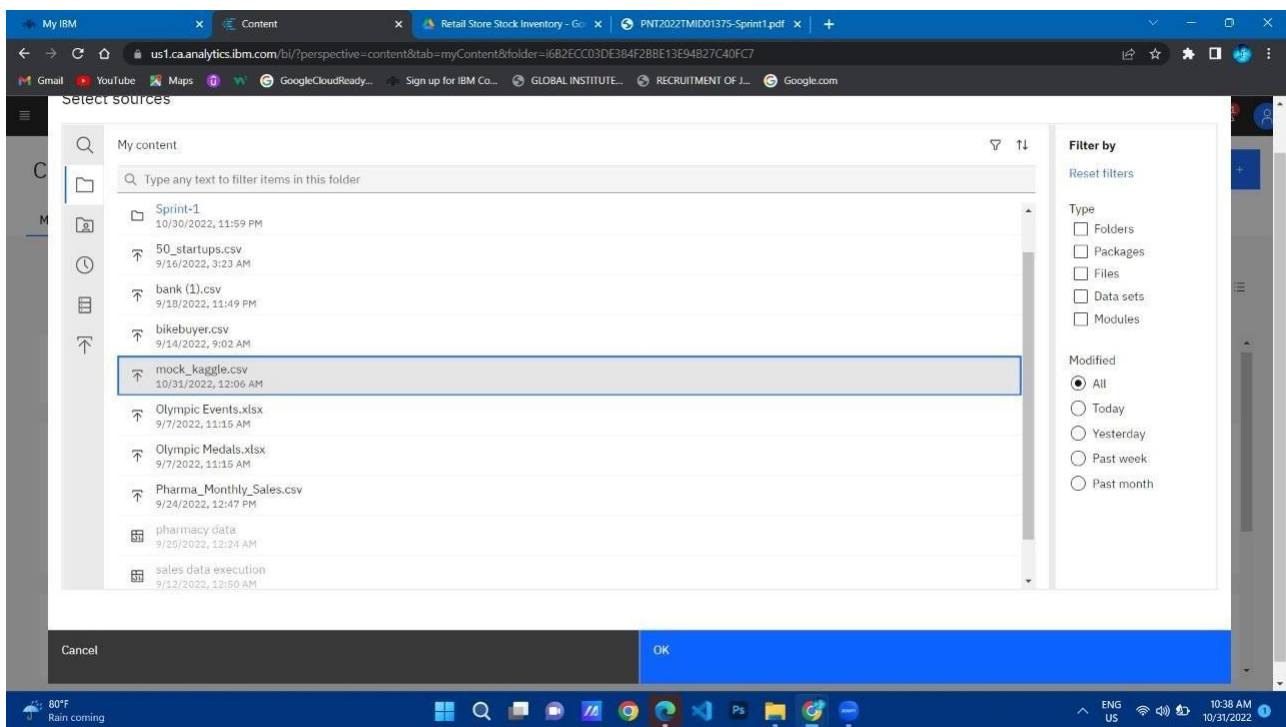
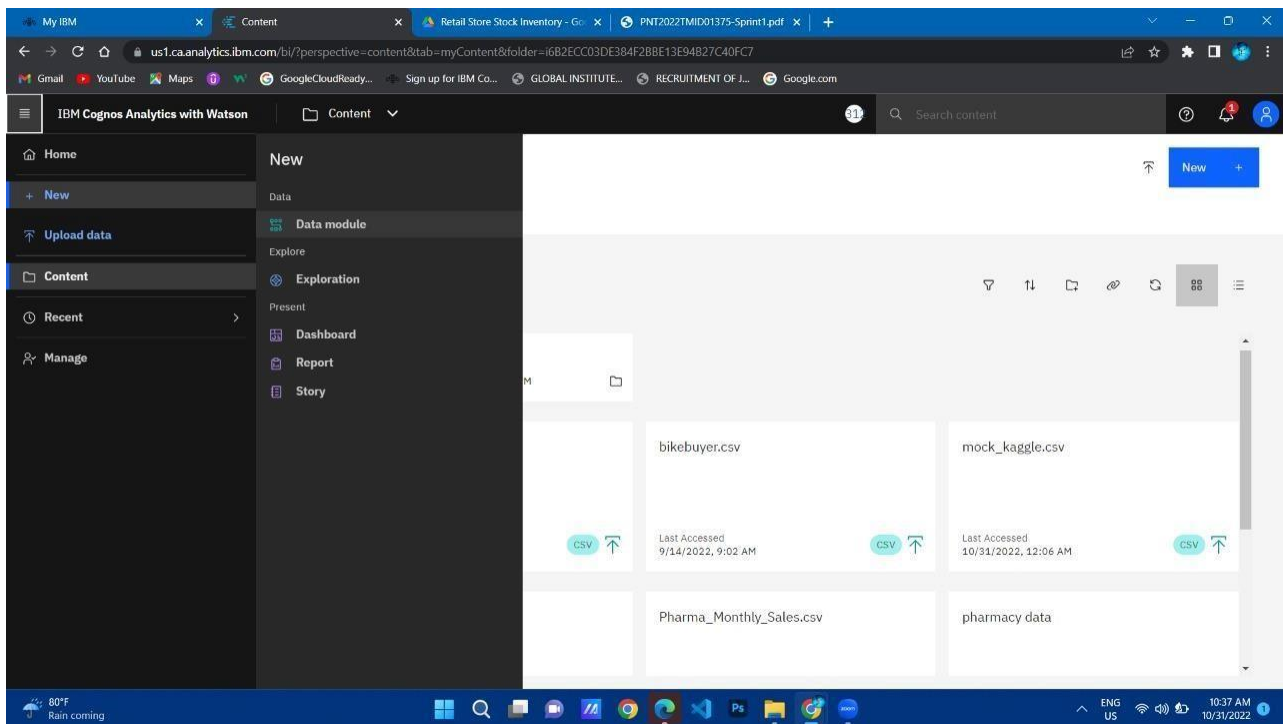
Download the Dataset

Dataset link - <https://drive.google.com/drive/folders/1kiL-5CHJmQvbK9VyFsuUs-myAupBZGNy>

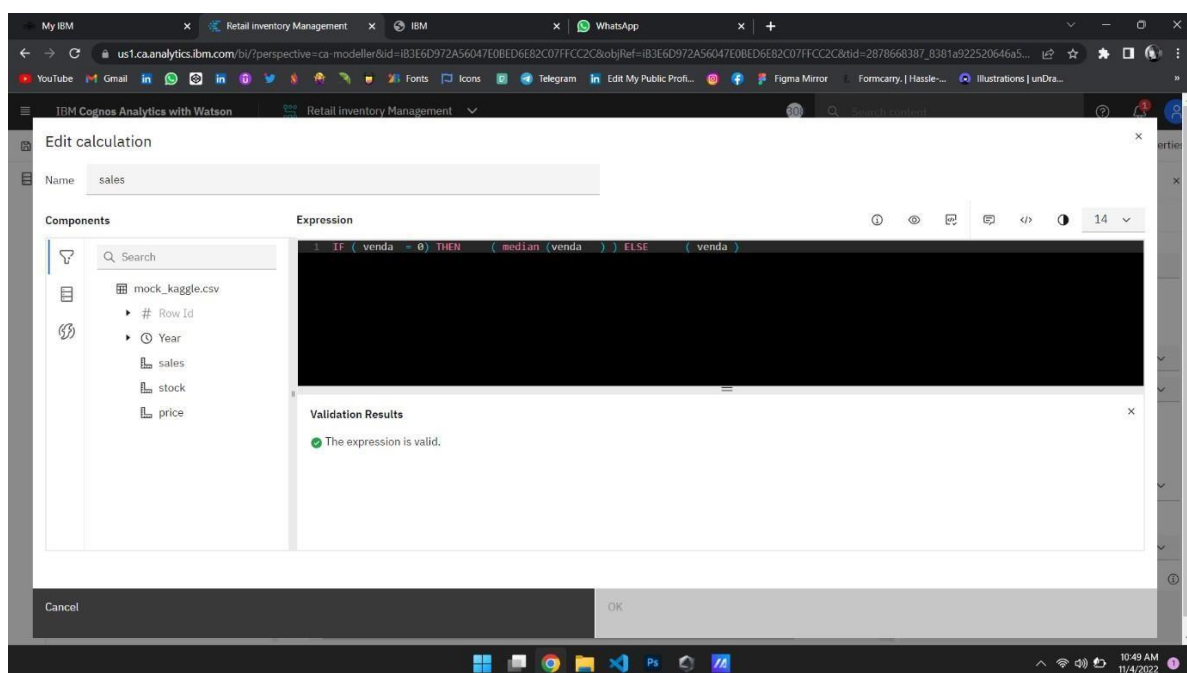
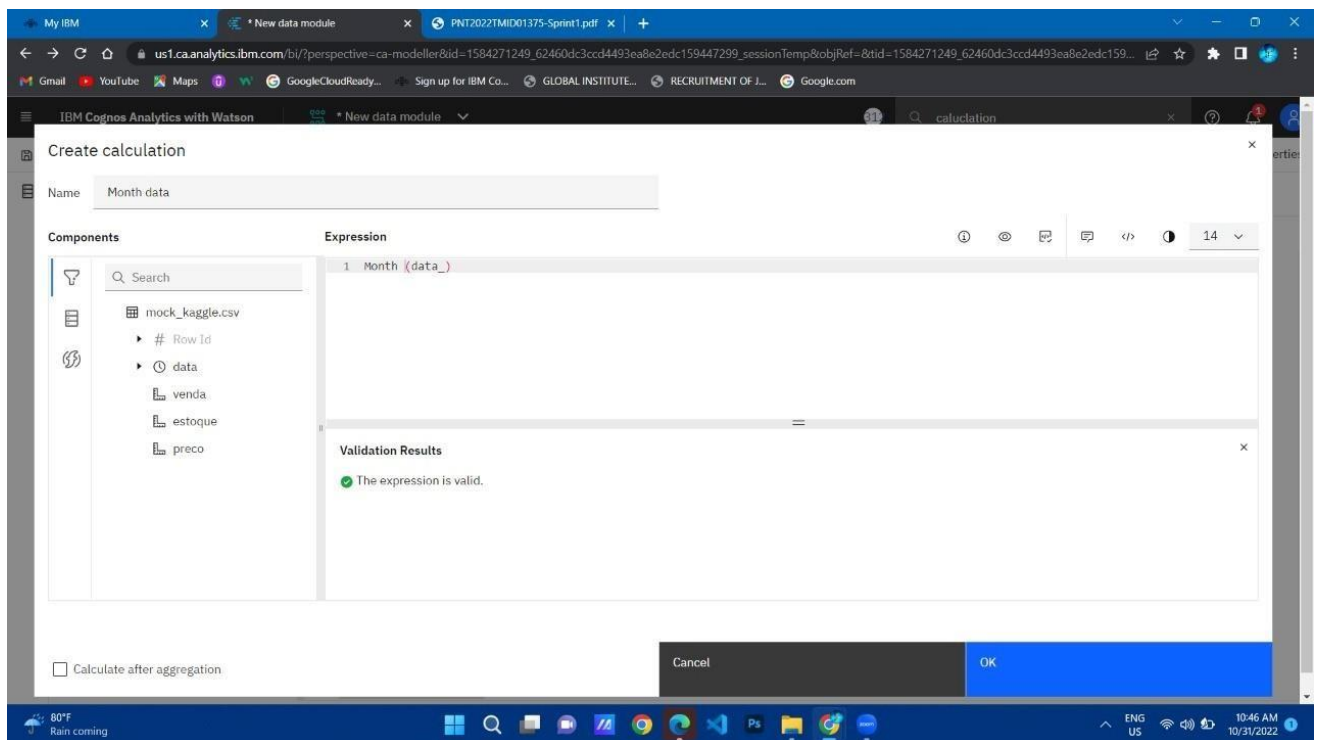
### Load the Dataset:

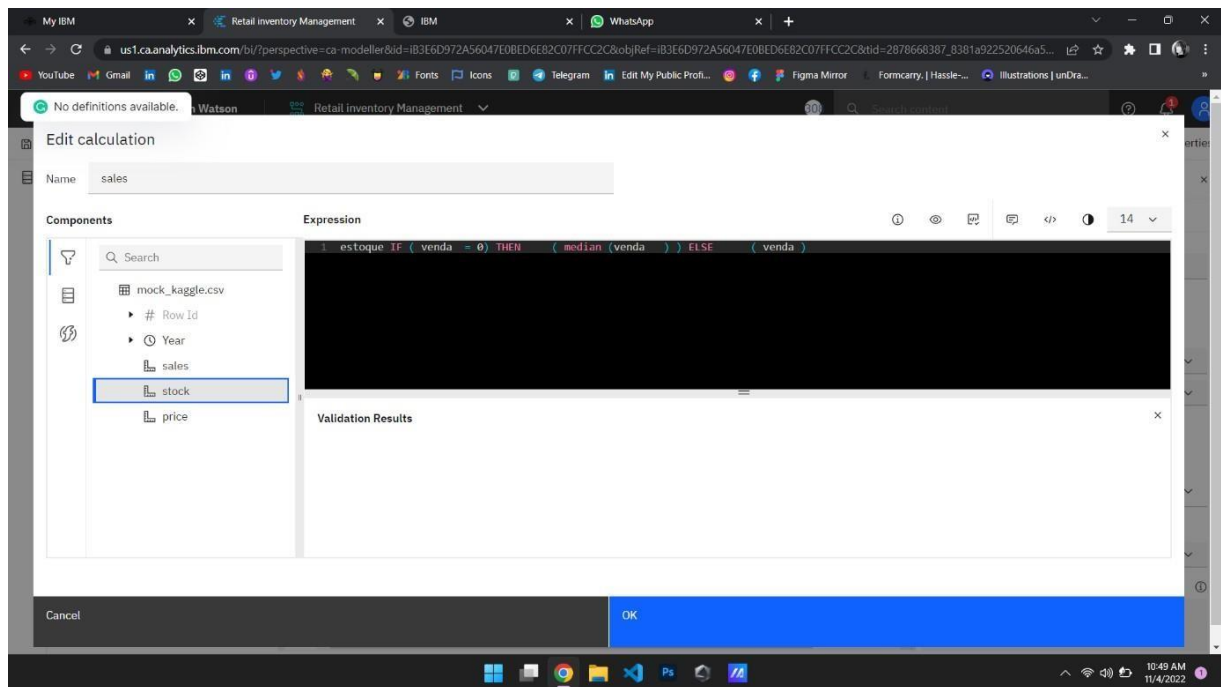
Tool used – IBM Cognos





**Month data:**





My IBM Retail inventory Management IBM WhatsApp

us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=IB3E6D972A56047E0BED6E82C07FFC2C&objRef=IB3E6D972A56047E0BED6E82C07FFC2C&tid=2878668387\_8381a922520646a5...

No definitions available.

### Edit calculation

Name sales

Components

- mock\_kaggle.csv
  - # Row Id
  - Year
  - sales
  - stock
  - price

Expression

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

Validation Results

Cancel OK

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us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=IB3E6D972A56047E0BED6E82C07FFC2C&objRef=IB3E6D972A56047E0BED6E82C07FFC2C&tid=2878668387\_8381a922520646a5...

IBM Cognos Analytics with Watson Retail inventory Management

Data module

- Retail inventory Management
  - Navigation paths
  - mock\_kaggle.csv
    - # Row Id
    - Year
    - sales
    - stock
    - price

Grid Relationships Custom tables

11	Row Id	Year	sales	stock	price
1	1	2014-01-01	76	4972	1.29
2	2	2014-01-02	70	4902	1.29
3	3	2014-01-03	59	4843	1.29
4	4	2014-01-04	93	4750	1.29
5	5	2014-01-05	96	4654	1.29
6	6	2014-01-06	145	4509	1.29
7	7	2014-01-07	179	4329	1.29
8	8	2014-01-08	321	4104	1.29
9	9	2014-01-09	125	4459	1.09
10	10	2014-01-10	88	5043	1.09
11	11	2014-01-11	188	5239	1.09
12	12	2014-01-12	121	5118	1.09
13	13	2014-01-13	134	4984	1.09

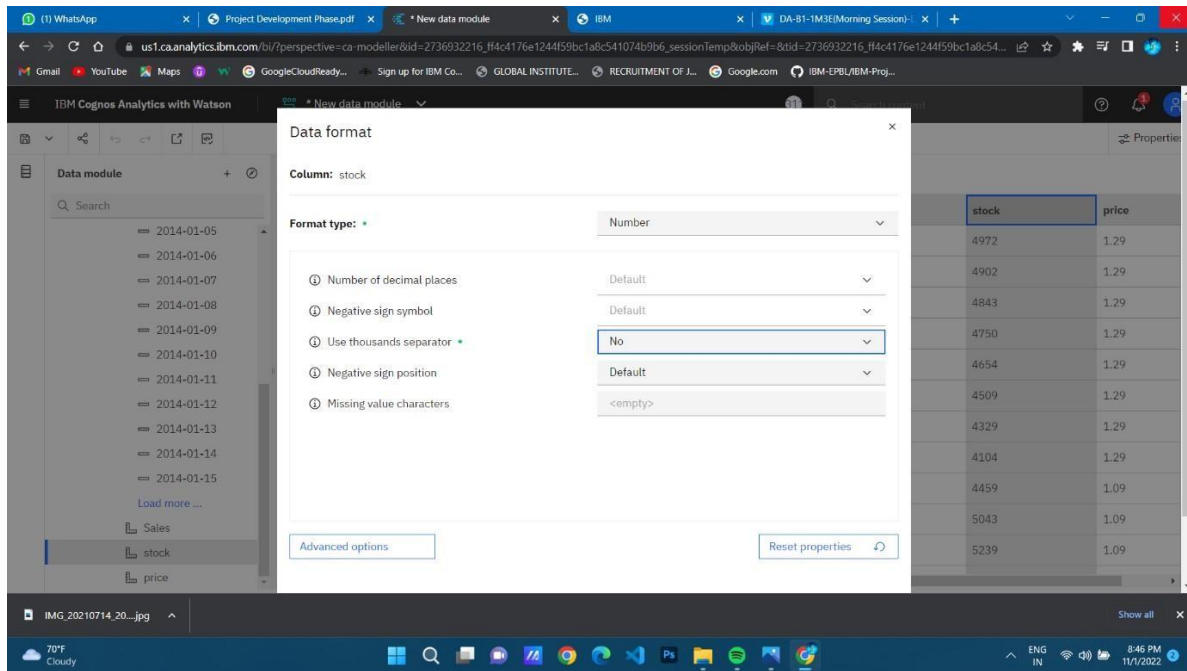
The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane lists the 'Retail inventory Management' data source, with 'stock' selected. The main area displays a table with the following data:

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
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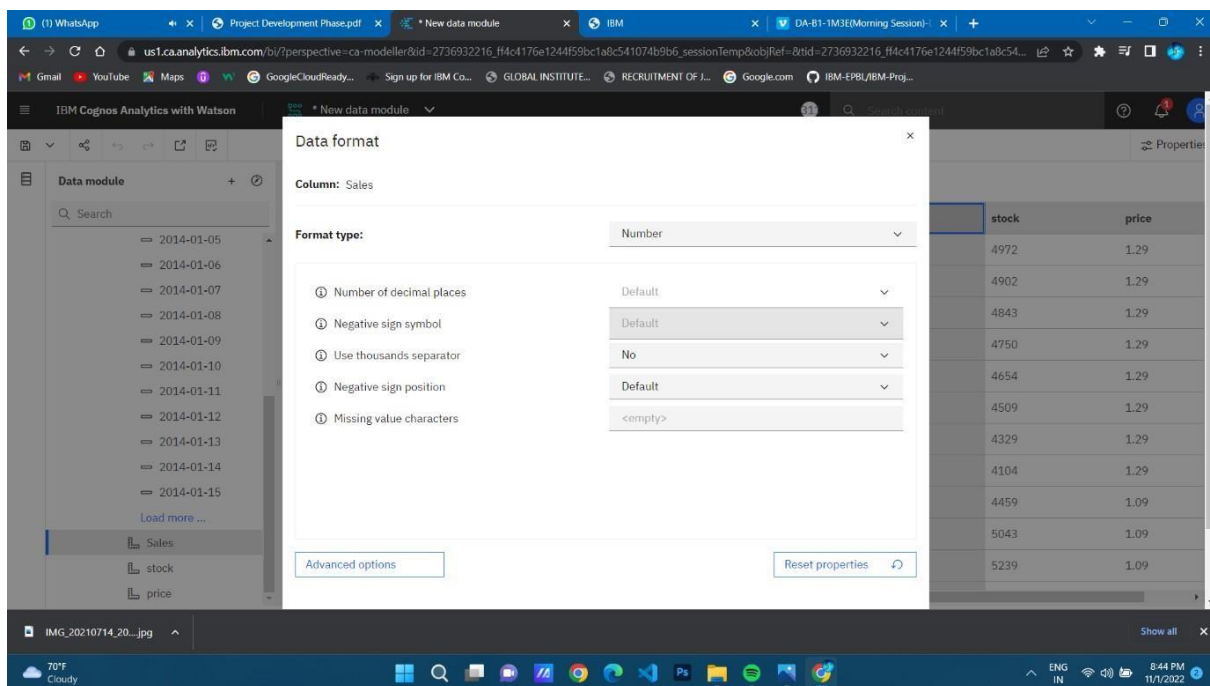
This screenshot is similar to the one above, but the 'price' column is highlighted in blue. The data table is identical to the one in the first screenshot.

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
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13	2014-01-13	134	4984	1.09

**Stock-Format Data:**

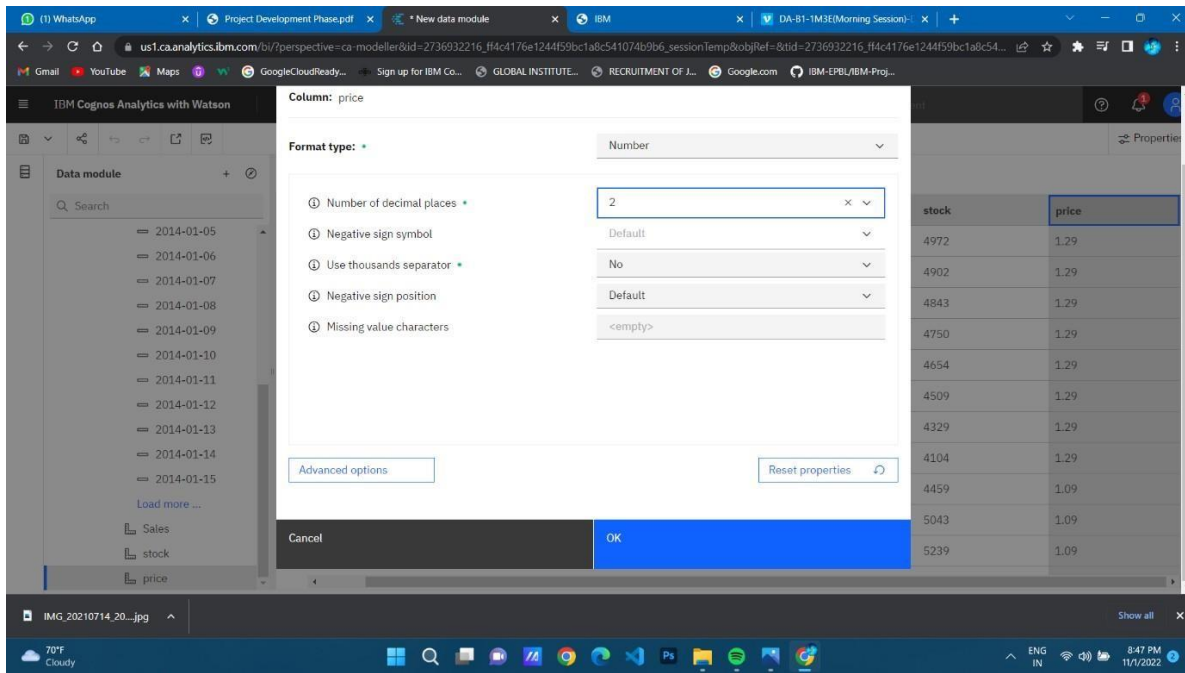


## Sales-Format Data:



## Price-Format Data:





## Revenue-Format Data:

