

## Project Development Phase

### Delivery of Sprint-1

Team ID	PNT2022TMID49376
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:

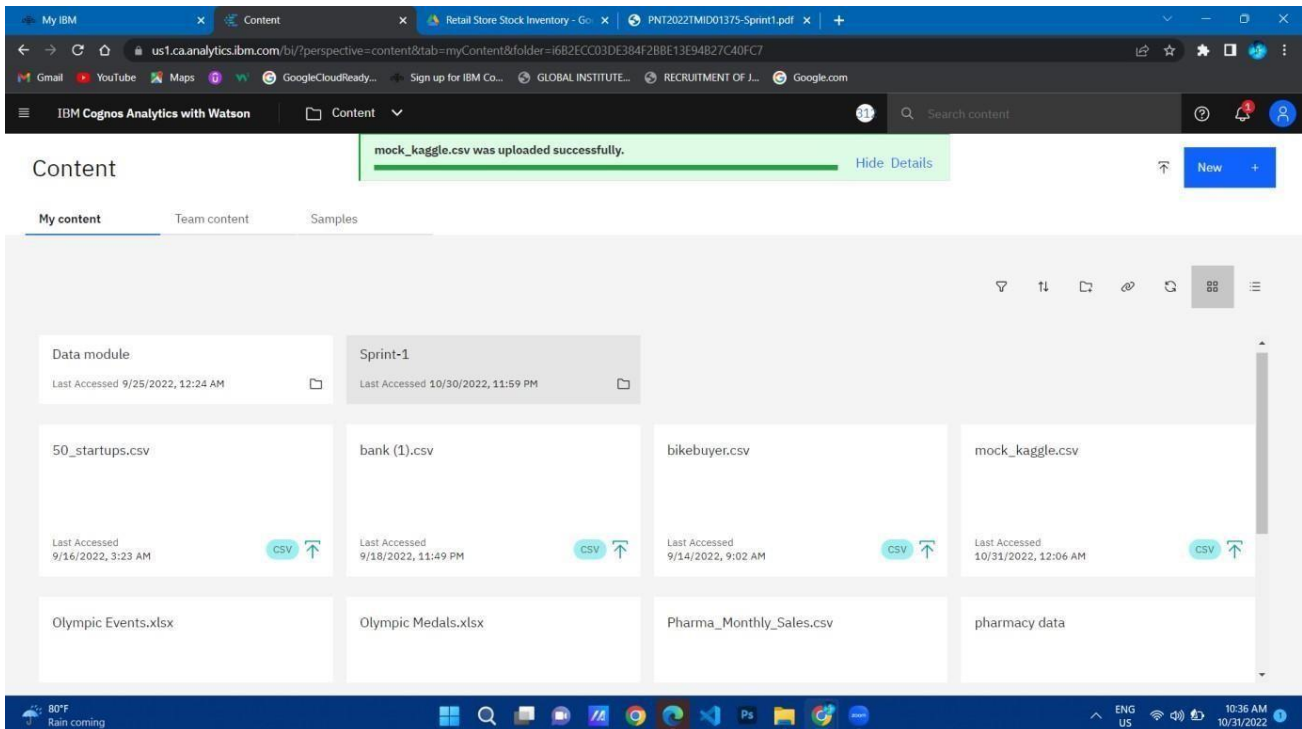
### Data Collection:

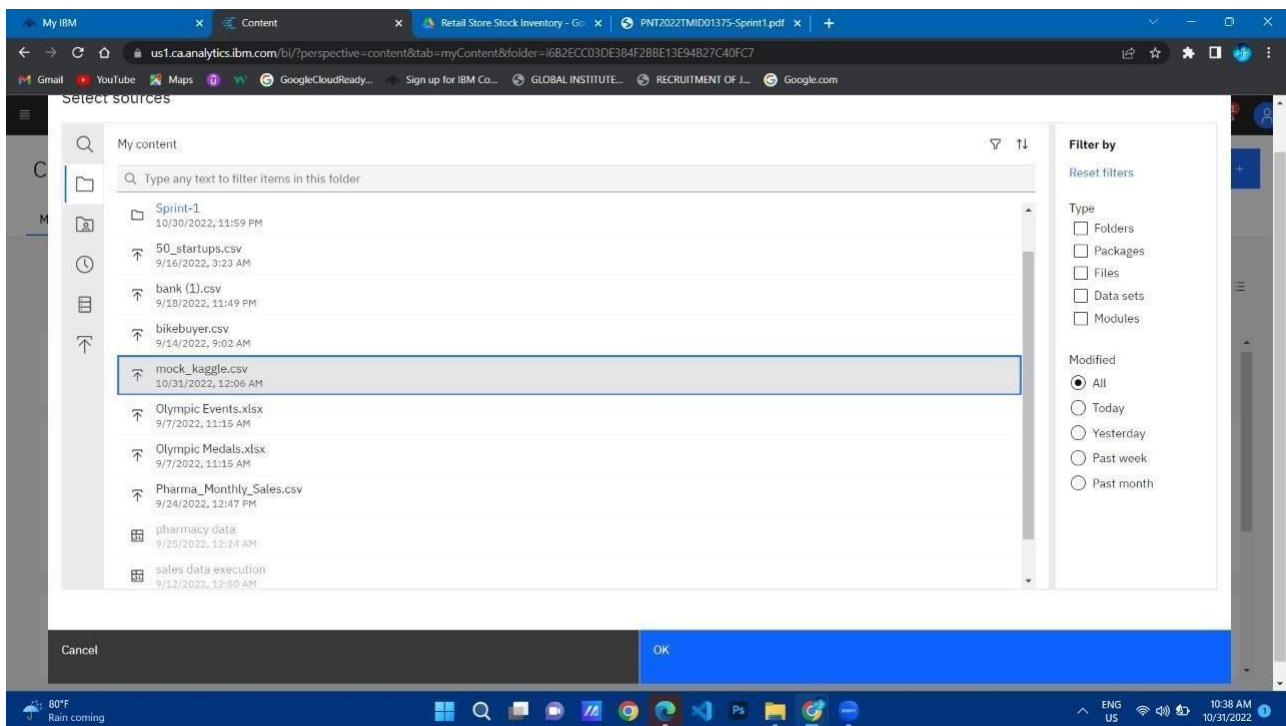
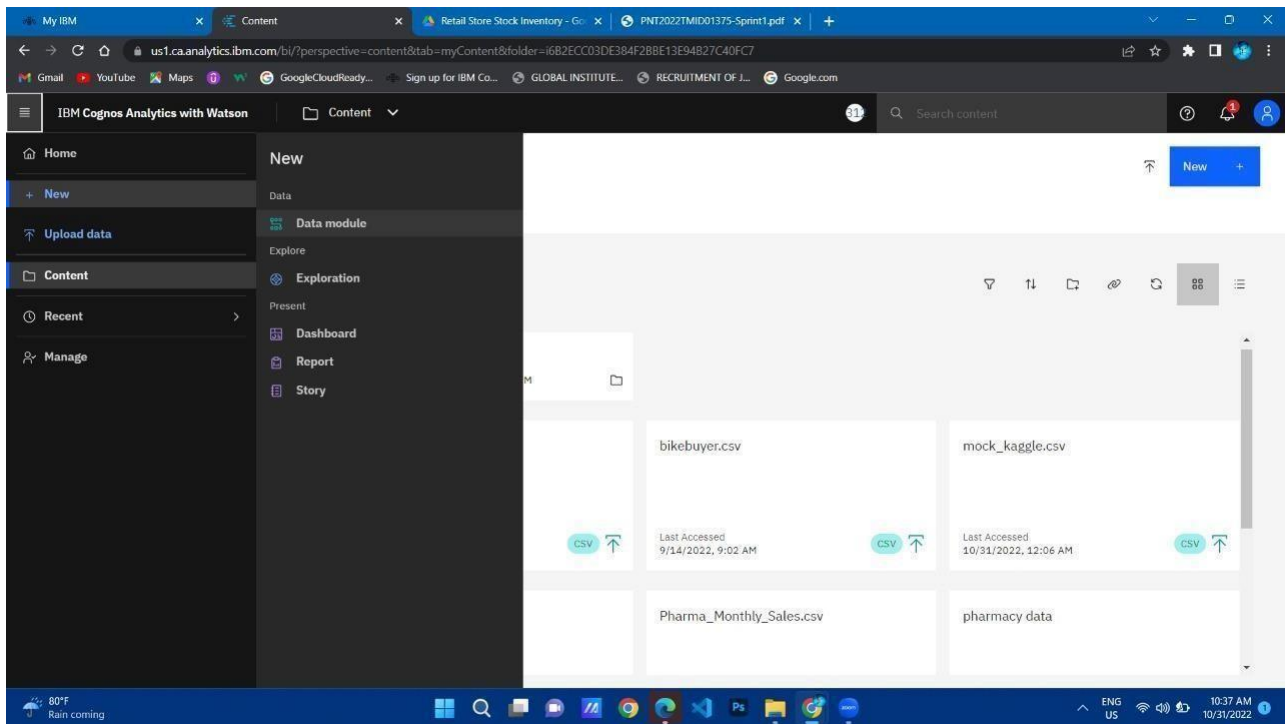
Download the Dataset

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

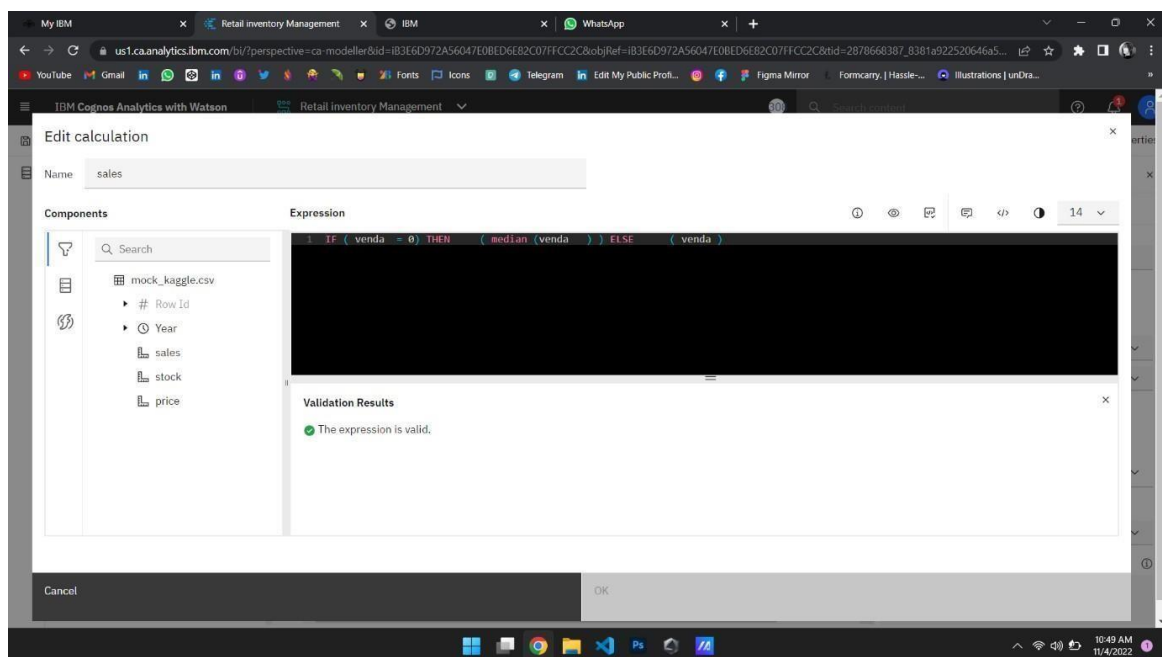
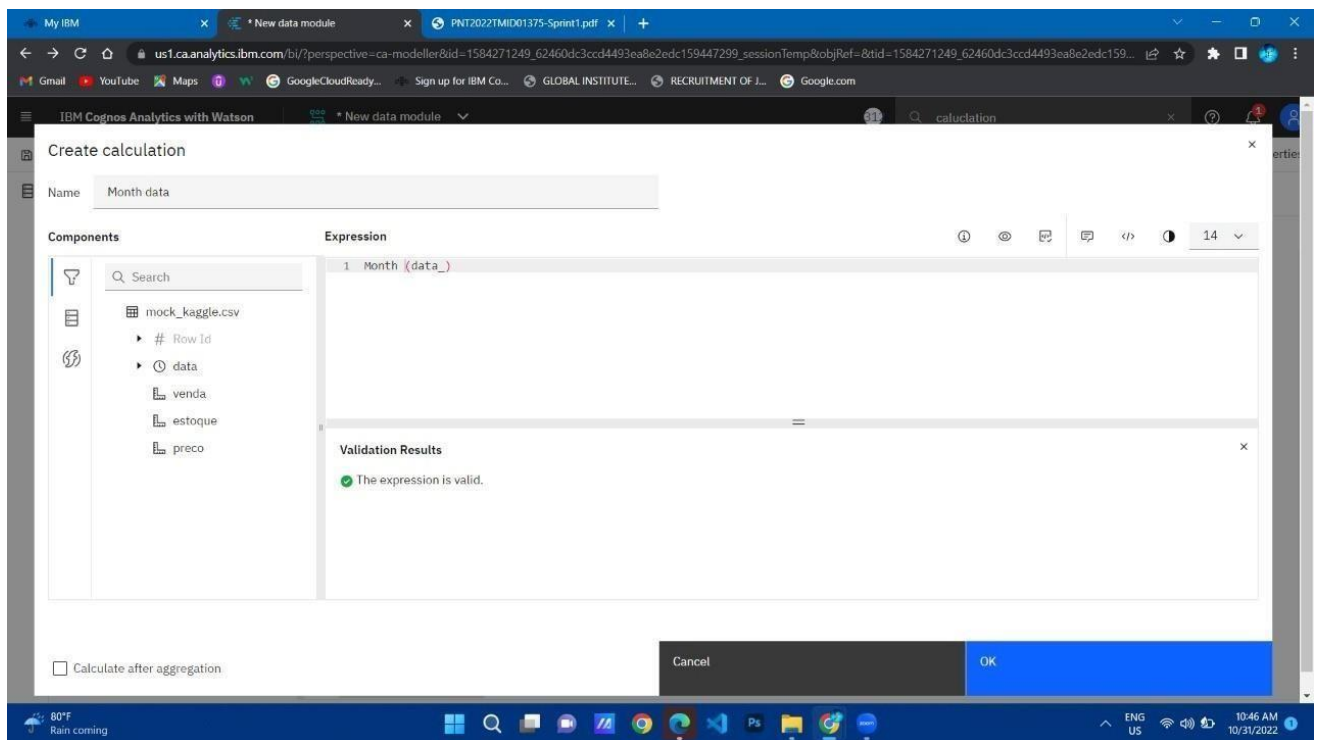
### Load the Dataset:

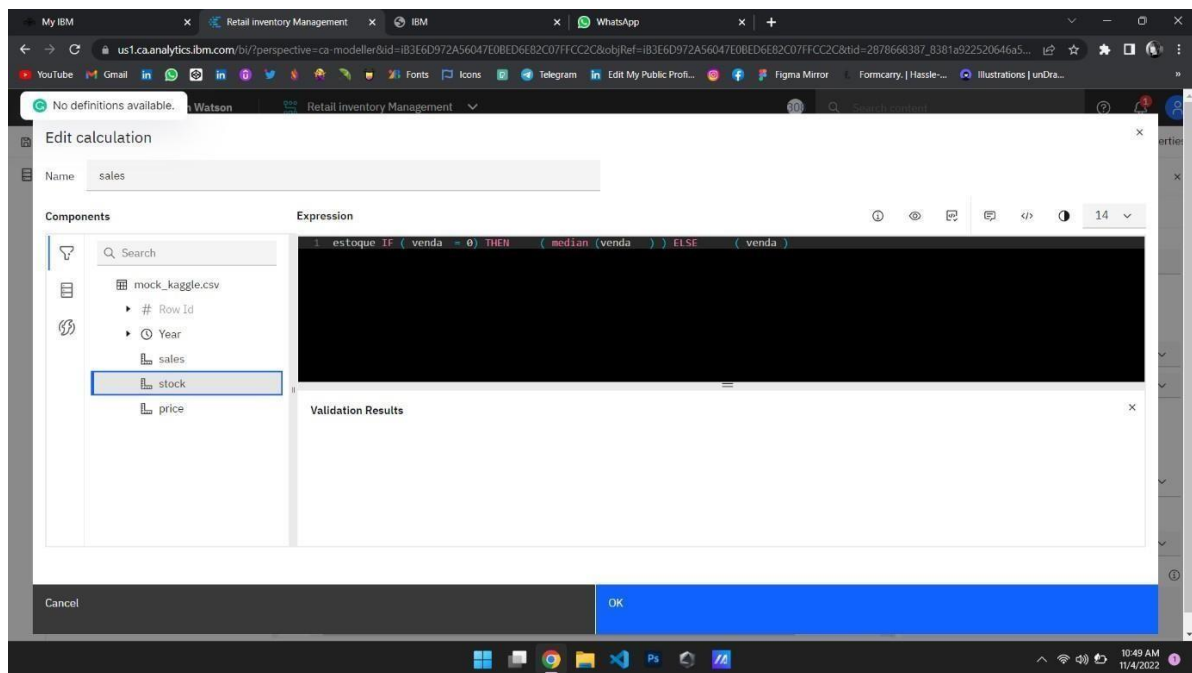
Tool used – IBM Cognos





**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
  - # Row Id
  - Year
  - sales
  - stock
  - price

Expression

```
1 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 Retail Inventory Management

Data module

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

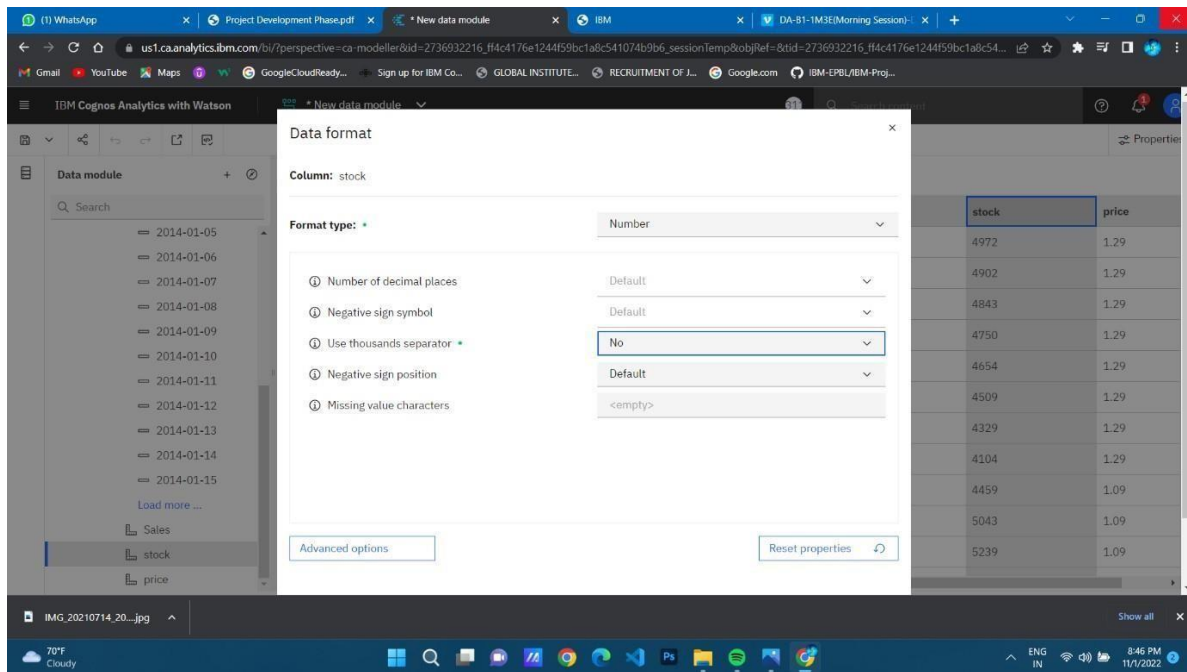
Grid

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

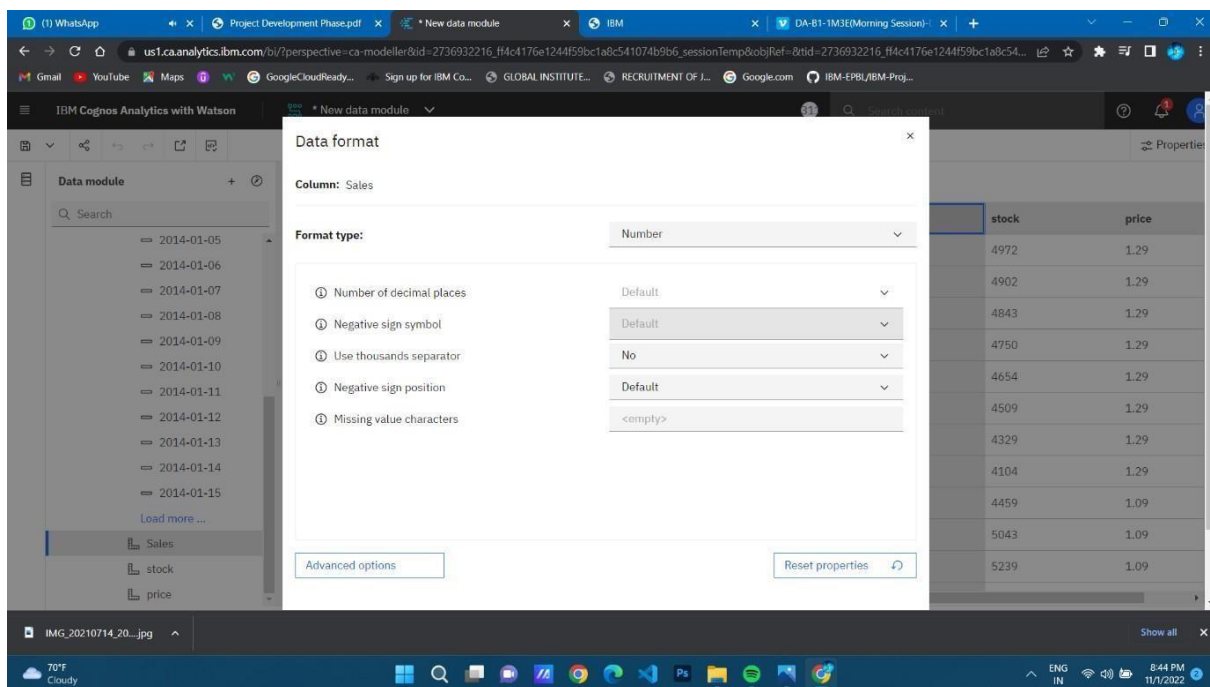
The screenshot displays the IBM Cognos Analytics interface. On the left, the 'Data module' pane shows a tree structure with 'Retail inventory Management' expanded, containing 'Navigation paths', 'mock\_kaggle.csv', and a list of fields: '# RowId', 'Year', 'sales', 'stock', and 'price'. The 'stock' field is selected. The main area shows 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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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:**

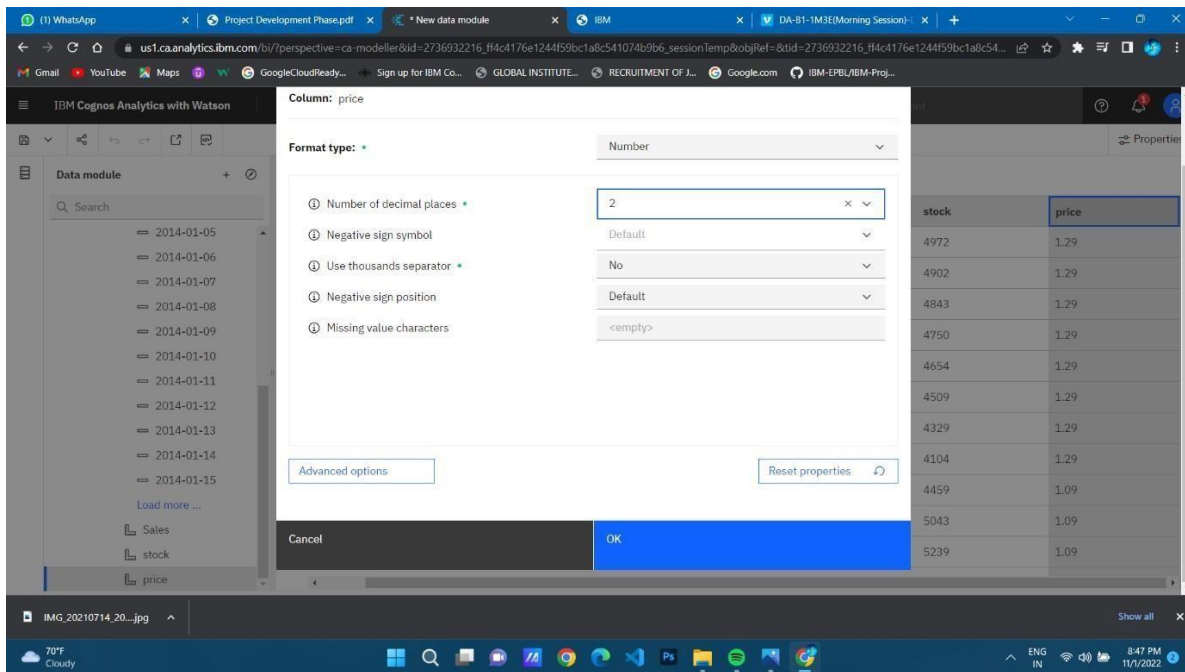


## Sales-Format Data:



## Price-Format Data:





## Revenue-Format Data:

