**Project Development Phase**
**Delivery of Sprint-1**

| | |
|---|---|
| Team ID | PNT2022TMID10028 |
| 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:

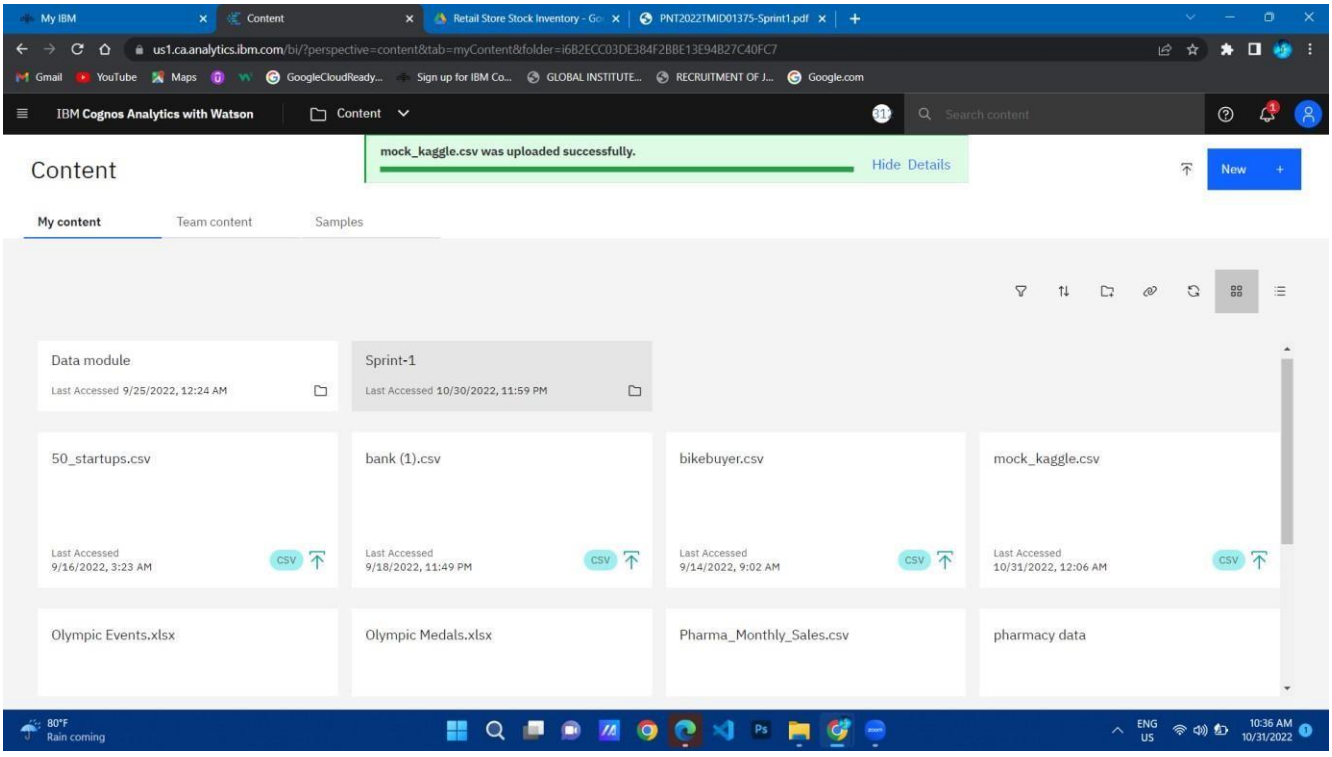
## Data Collection:

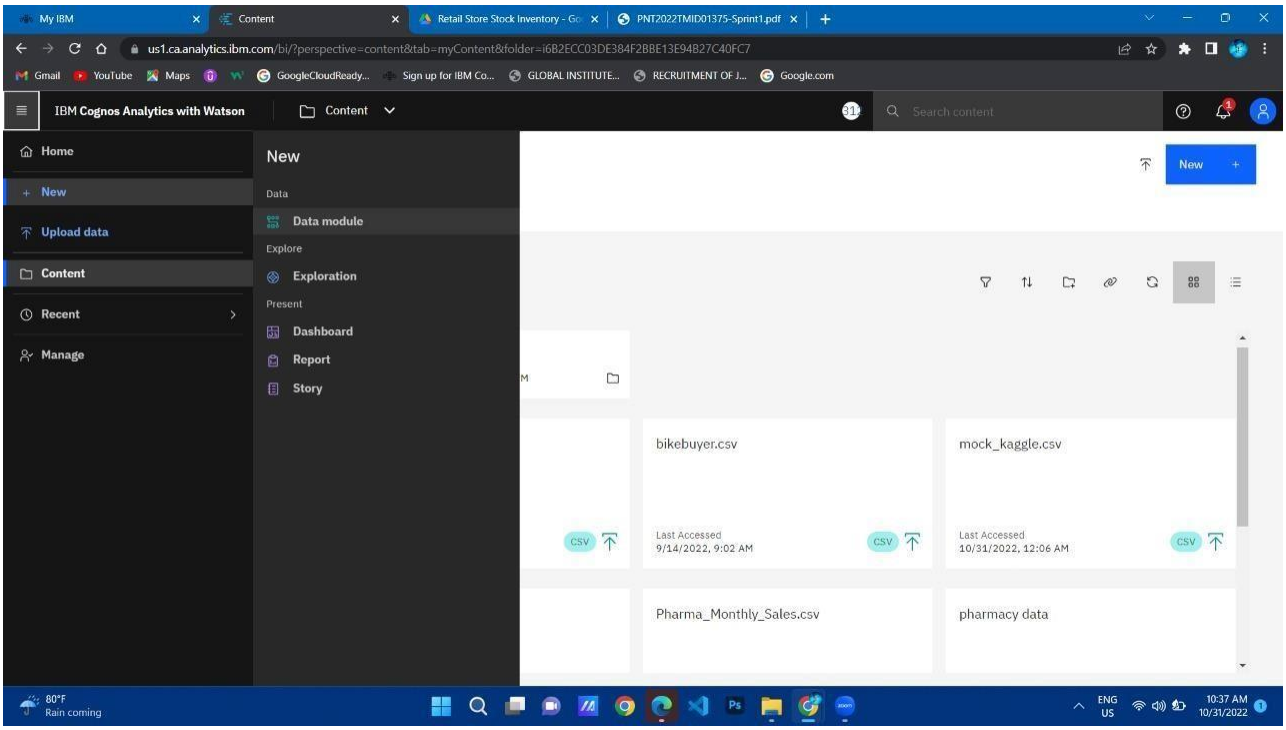
Download the Dataset

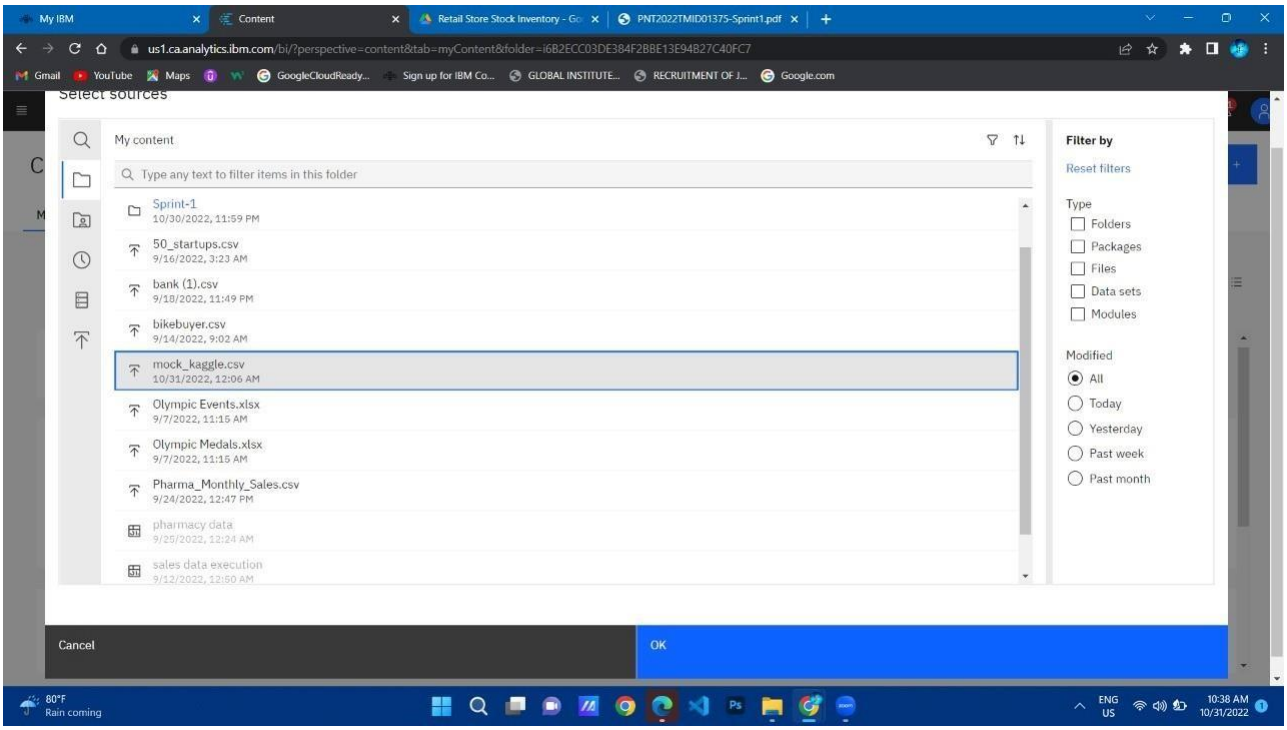
Dataset link - https://drive.google.com/drive/folders/1kiL-5CHJmQvbk9VyFsuUs-myAupBZGNy

## Load the Dataset:

Tool used – IBM Cognos




IBM Cognos Analytics with Watson
Content
Search content
Home
New
Upload data
Content
Recent
Manage
New
Data
Data module
Explore
Exploration
Present
Dashboard
Report
Story
New
bikebuyer.csv
Last Accessed
9/14/2022, 9:02 AM
mock_kaggle.csv
Last Accessed
10/31/2022, 12:06 AM
Pharma_Monthly_Sales.csv
pharmacy data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My content
Type any text to filter items in this folder
Sprint-1
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9/16/2022, 3:23 AM
bank (1).csv
9/18/2022, 11:49 PM
bikebuyer.csv
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mock_kaggle.csv
10/31/2022, 12:06 AM
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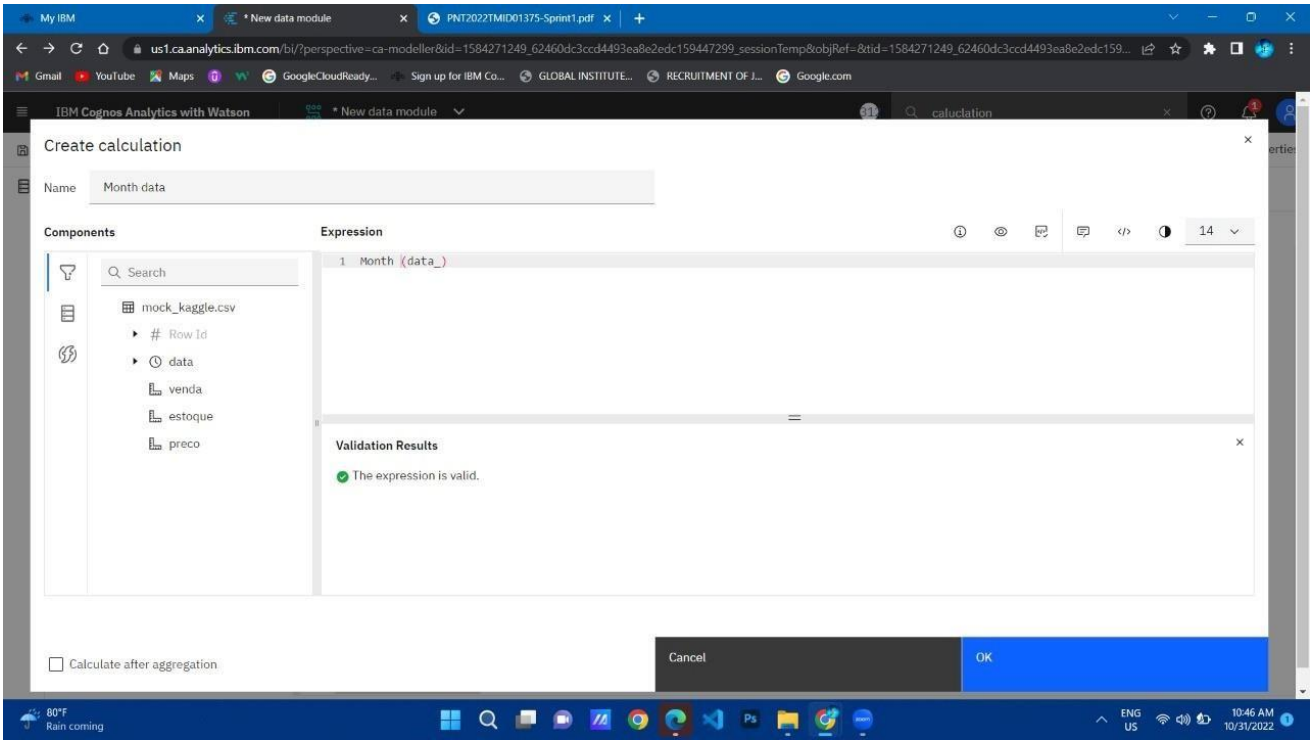
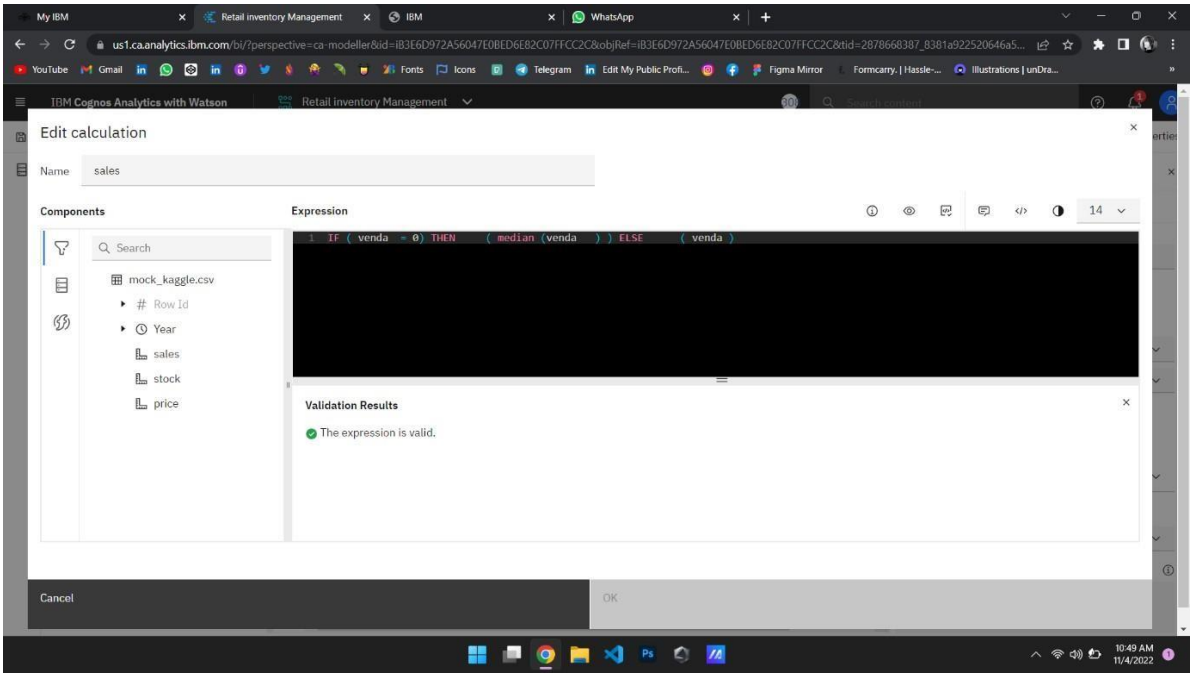
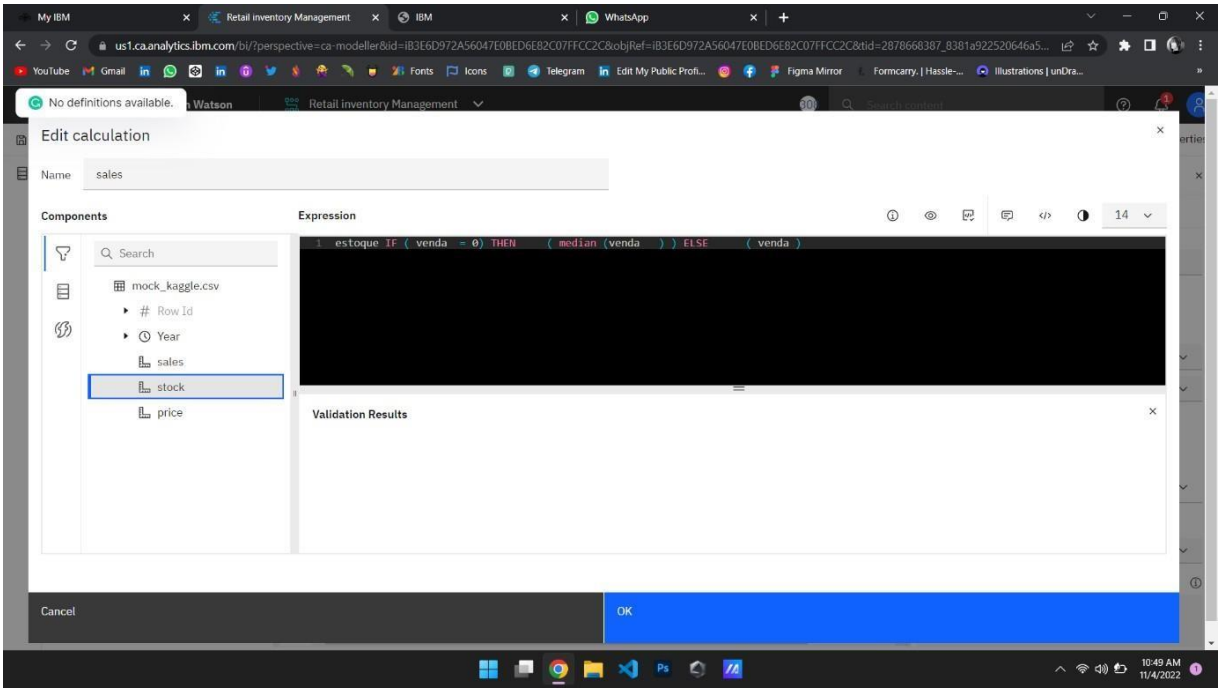
9/7/2022, 11:15 AM
Olympic Medals.xlsx
9/7/2022, 11:15 AM
Pharma_Monthly_Sales.csv
9/24/2022, 12:47 PM
pharmacy data
9/25/2022, 12:24 AM
sales data execution
9/12/2022, 12:50 AM
Filter by
Reset filters
Type
Folders
Packages
Files
Data sets
Modules
Modified
All
Today
Yesterday
Past week
Past month
Cancel
OK

# Month data:


Create calculation
Name
Month data
Components
Expression
Search
mock_kaggle.csv
Row Id
data
venda
estoque
preco
1 Month (data_)
Validation Results
The expression is valid.
Calculate after aggregation
Cancel
OK


Edit calculation
Name
sales
Components
Expression
Search
mock_kaggle.csv
Row Id
Year
sales
stock
price
1 IF ( venda = 0) THEN ( median (venda ) ) ELSE ( venda )
Validation Results
The expression is valid.
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...
YouTube
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Fonts
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Telegram
Edit My Public Profi...
Figma Mirror
Formcarry. | Hassle-...
Illustrations | unDra...
No definitions available.
Retail inventory Management
Edit calculation
Name
sales
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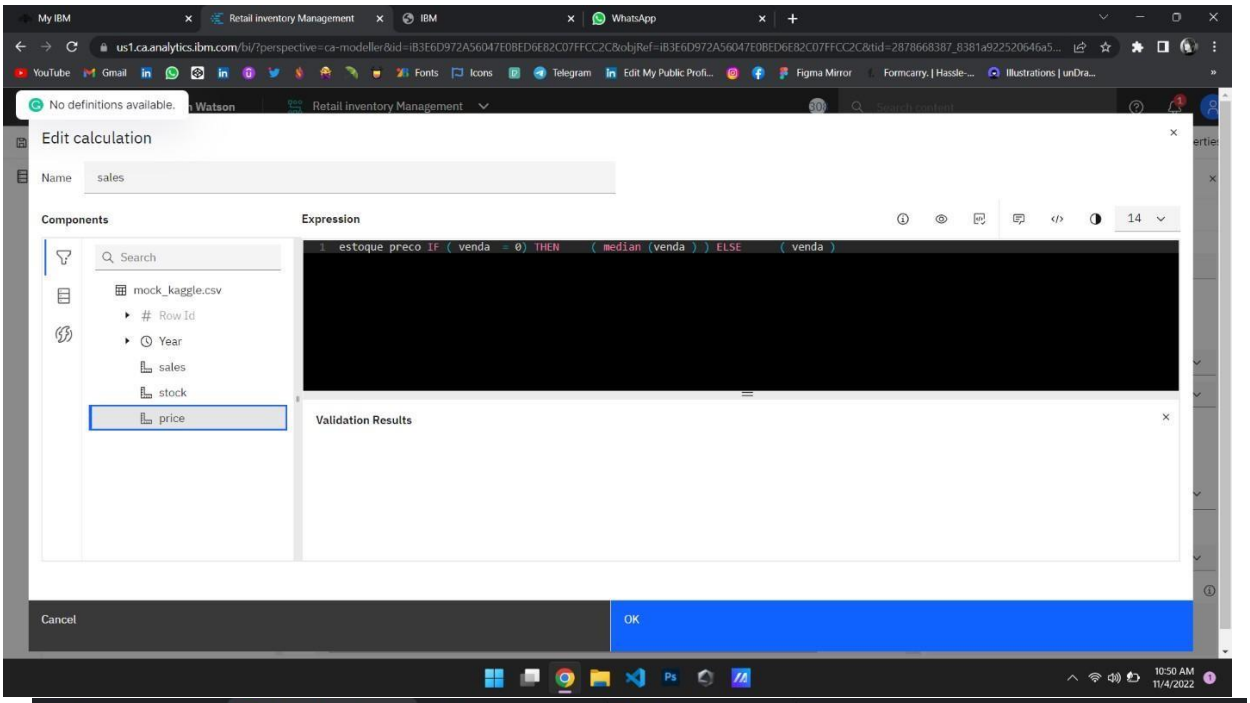
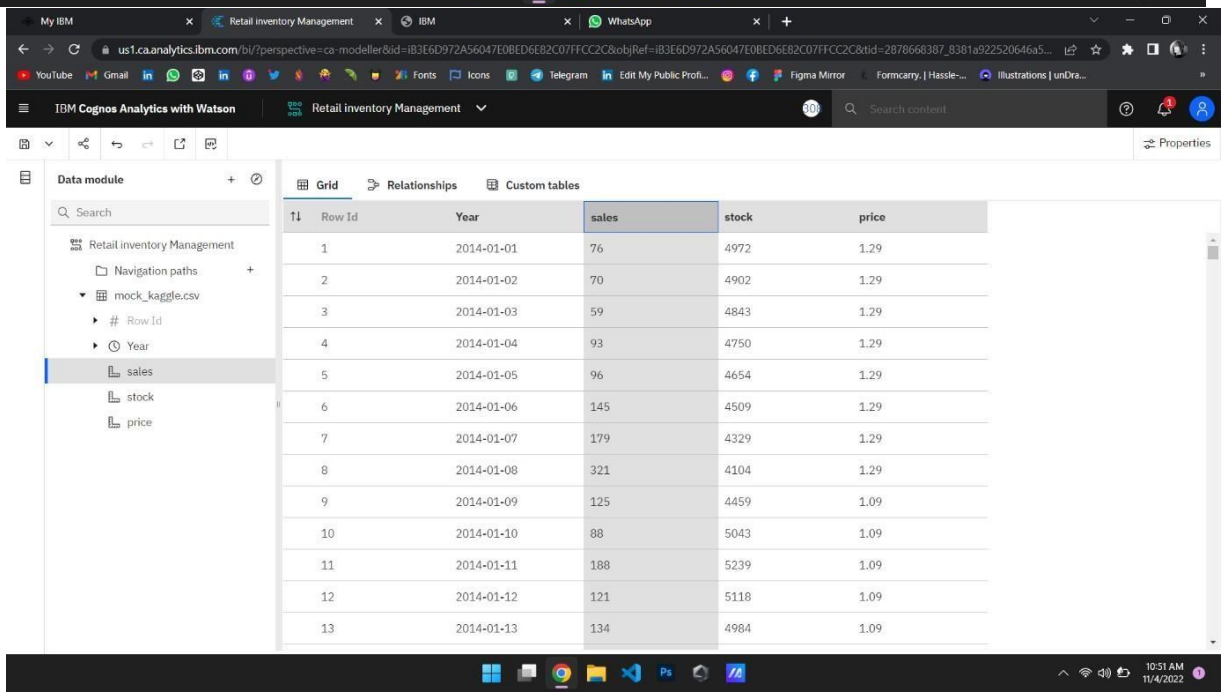
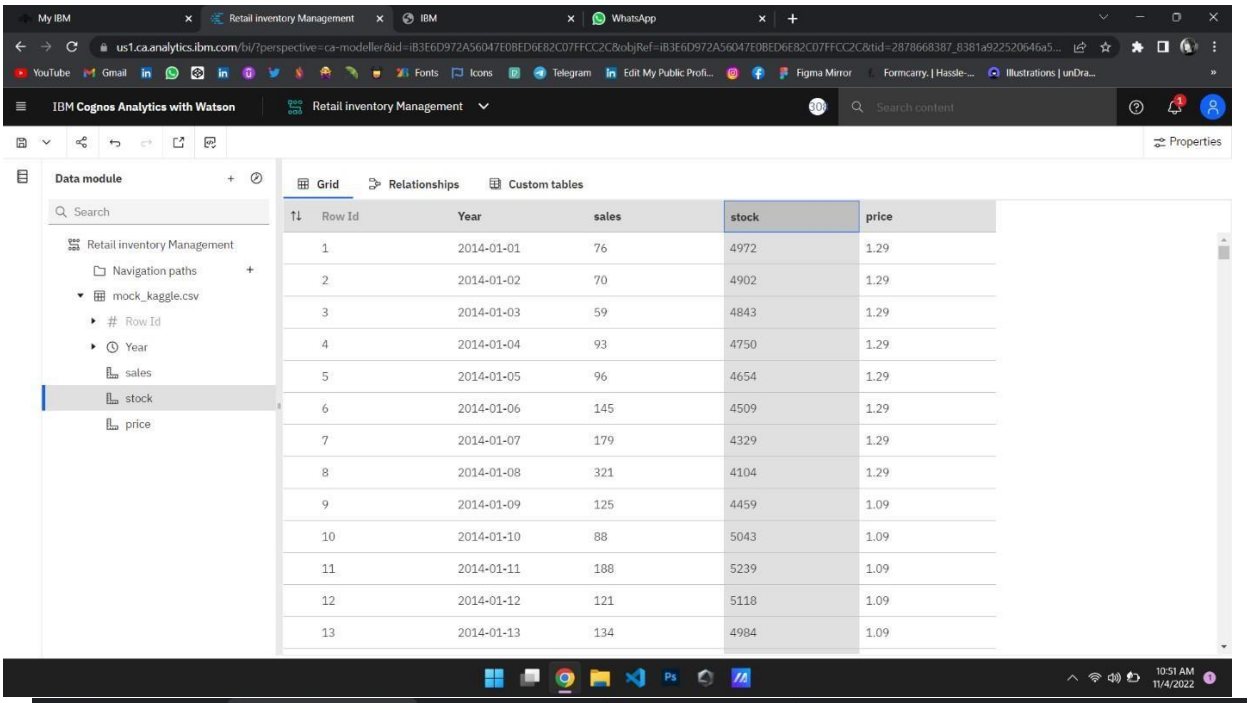
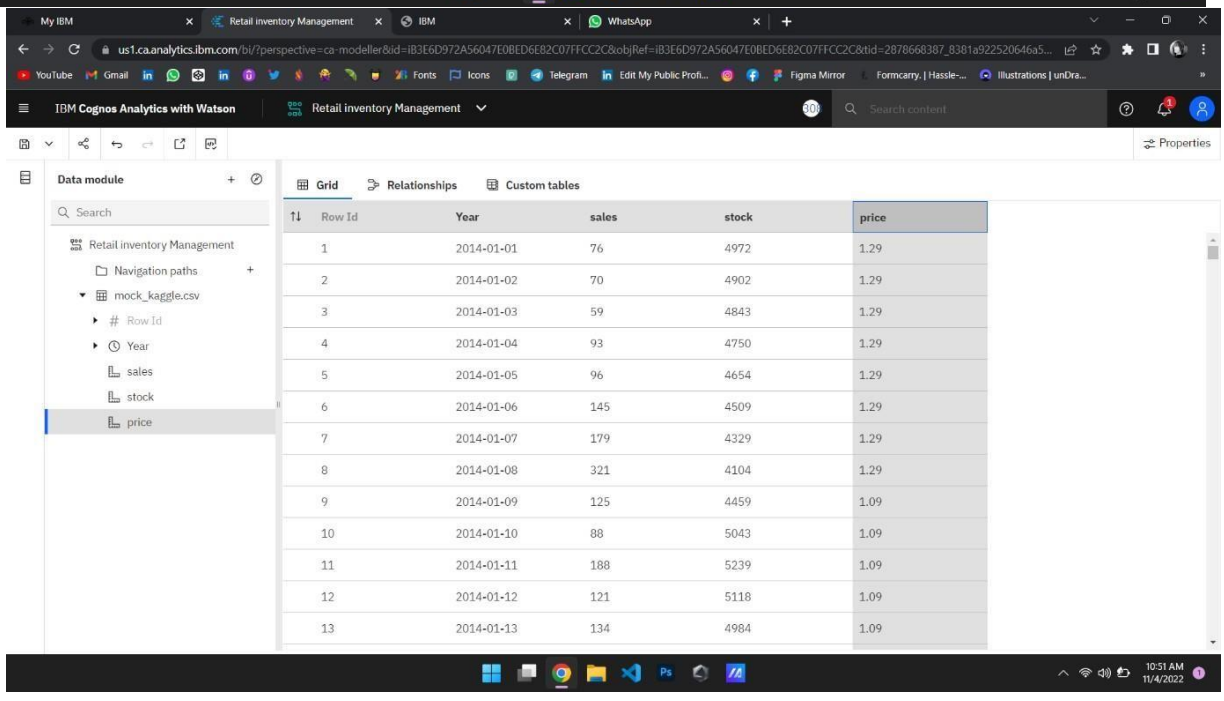
14
Search
mock_kaggle.csv
Row Id
Year
sales
stock
price
1 estoque IF ( venda = 0) THEN ( median (venda ) ) ELSE ( venda )
Validation Results
Cancel
OK
10:49 AM
11/4/2022



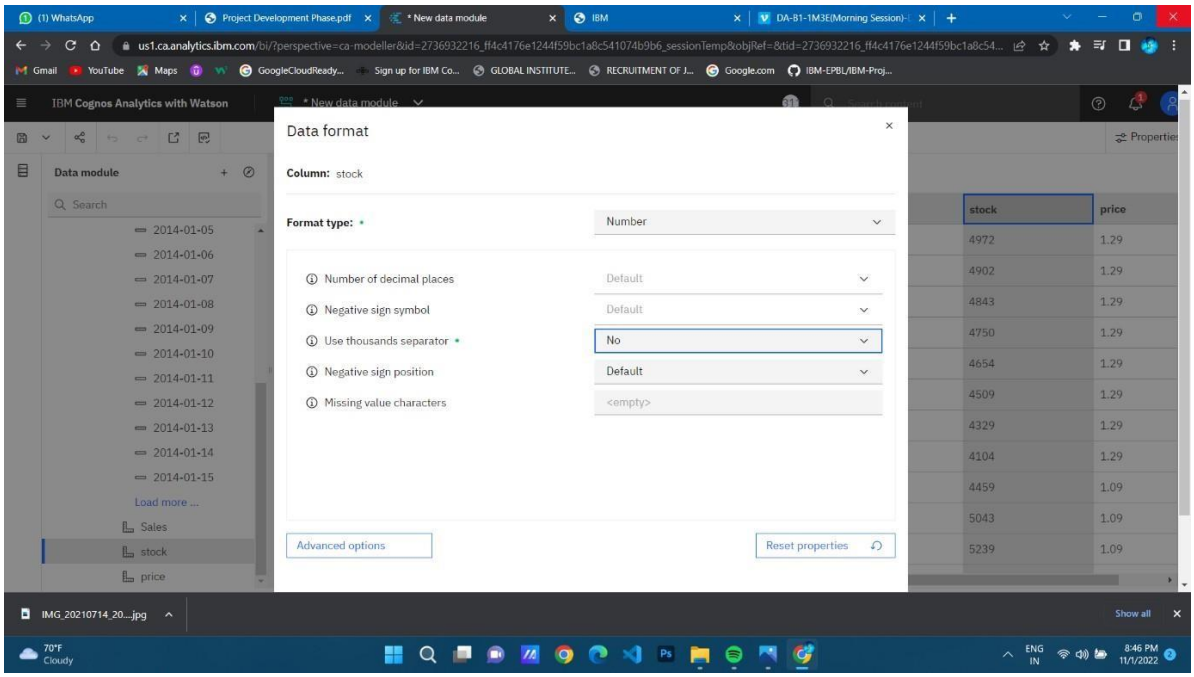




| Row Id | Year | sales | stock | price |
|---|---|---|---|---|
| 1 | 2014-01-01 | 76 | 4972 | 1.29 |
| 2 | 2014-01-02 | 70 | 4902 | 1.29 |
| 3 | 2014-01-03 | 59 | 4843 | 1.29 |
| 4 | 2014-01-04 | 93 | 4750 | 1.29 |
| 5 | 2014-01-05 | 96 | 4654 | 1.29 |
| 6 | 2014-01-06 | 145 | 4509 | 1.29 |
| 7 | 2014-01-07 | 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 |

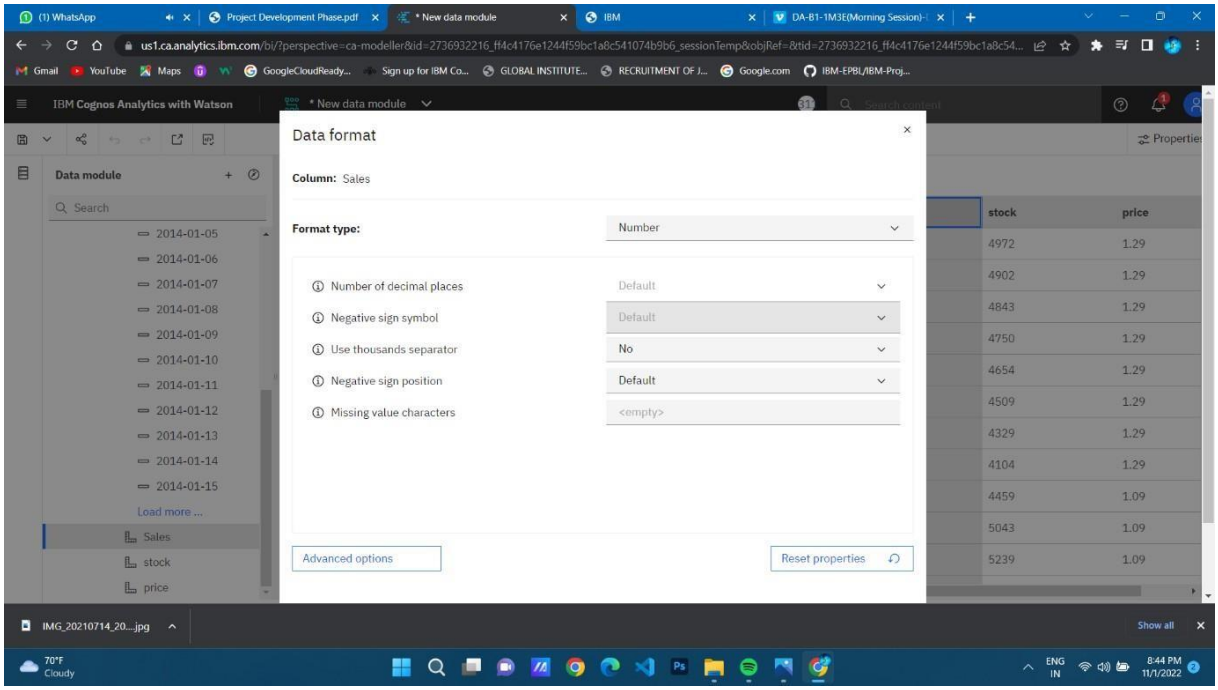


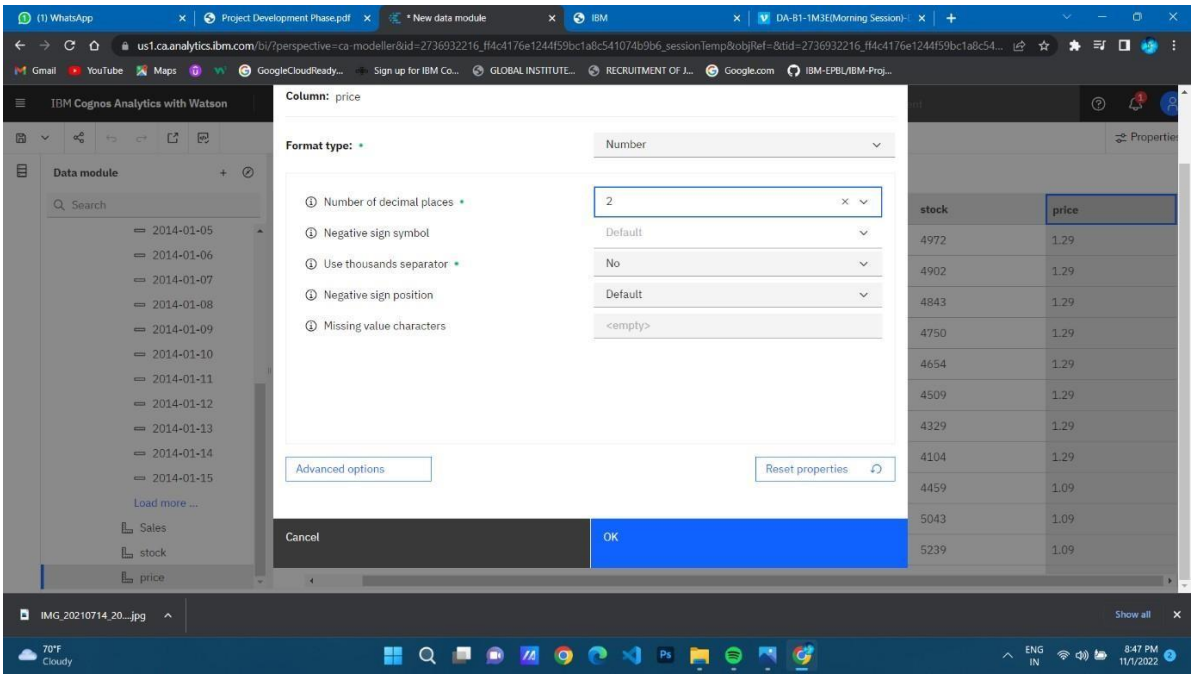

# Stock-Format Data:

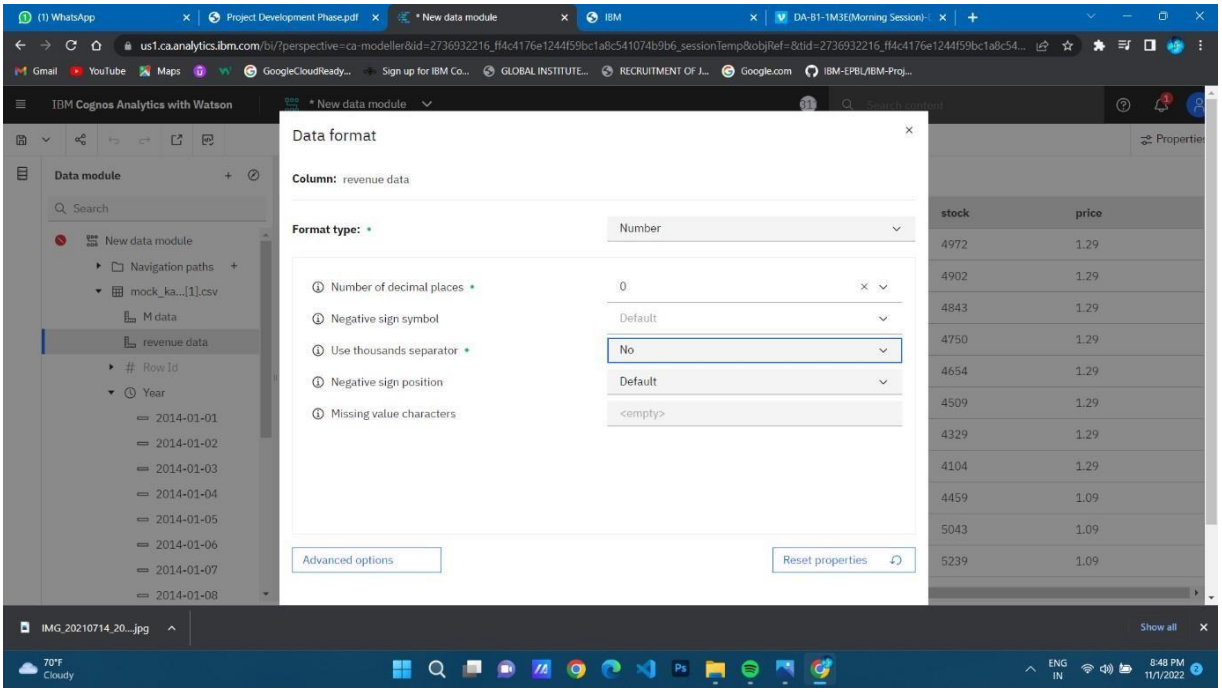



# Sales-Format Data:




# Price-Format Data:




# Revenue-Format Data: