

PROJECT DEVELOPMENT PHASE SPRINT - 1

Team ID	PNT2022TMID01070
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:

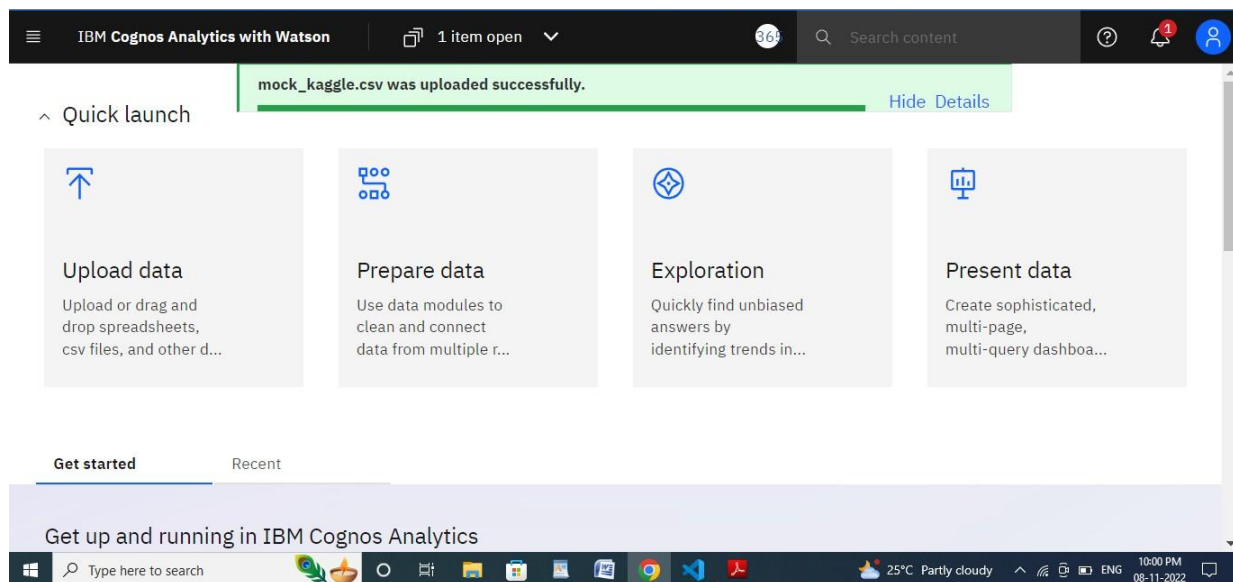
Data Collection :

Download the Dataset

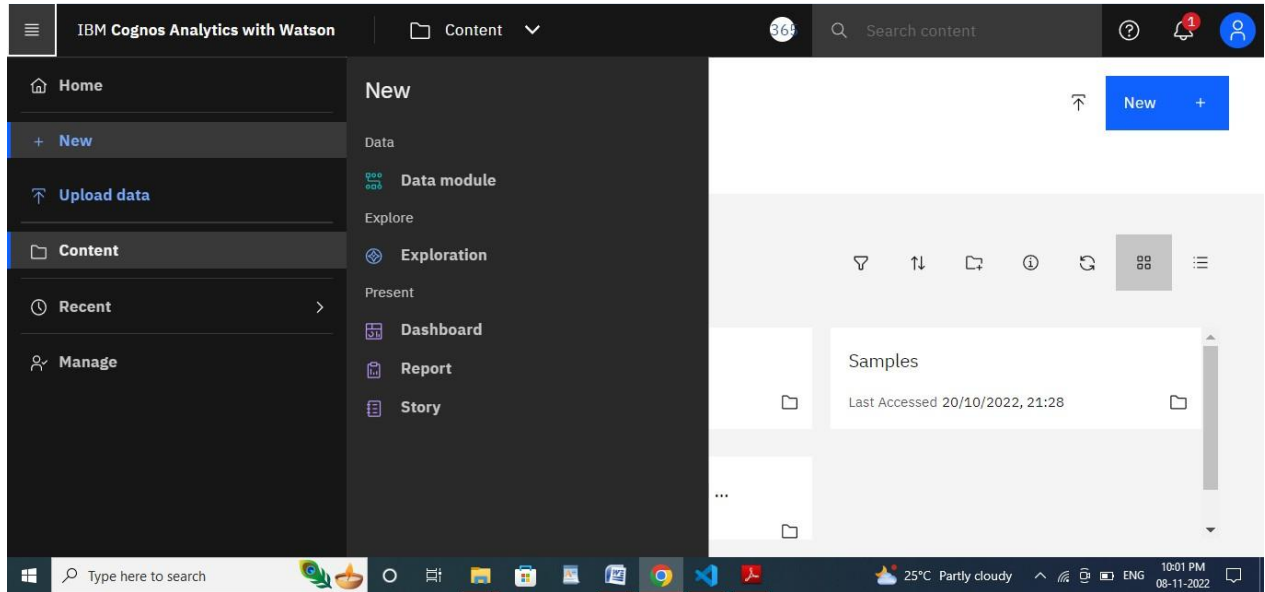
Load the Dataset :

Tool used – IBM Cognos

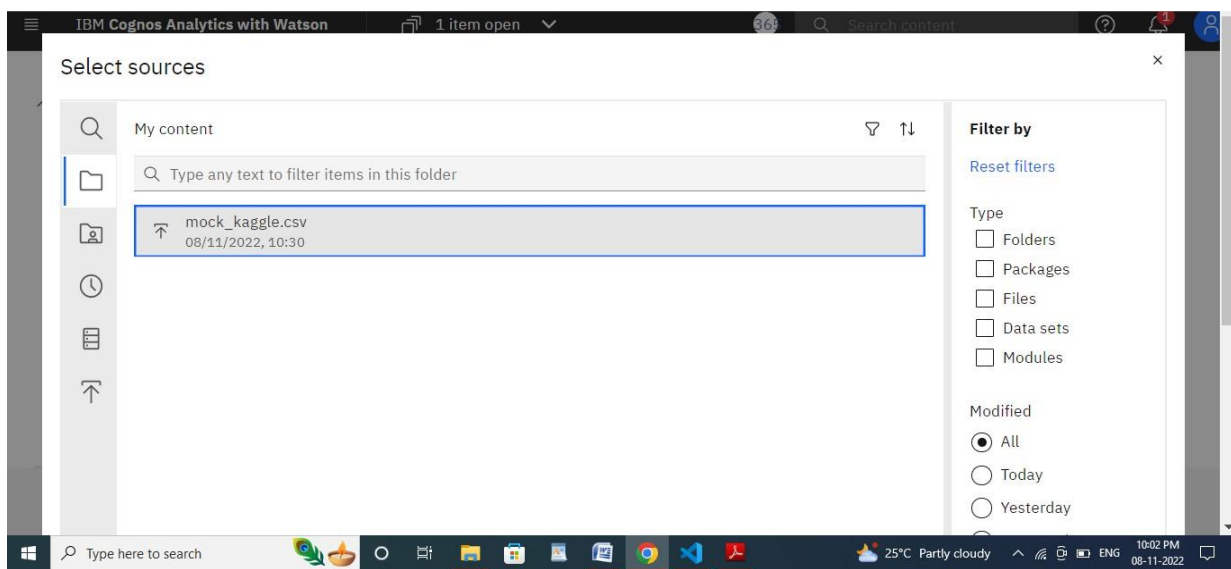
Upload Data :



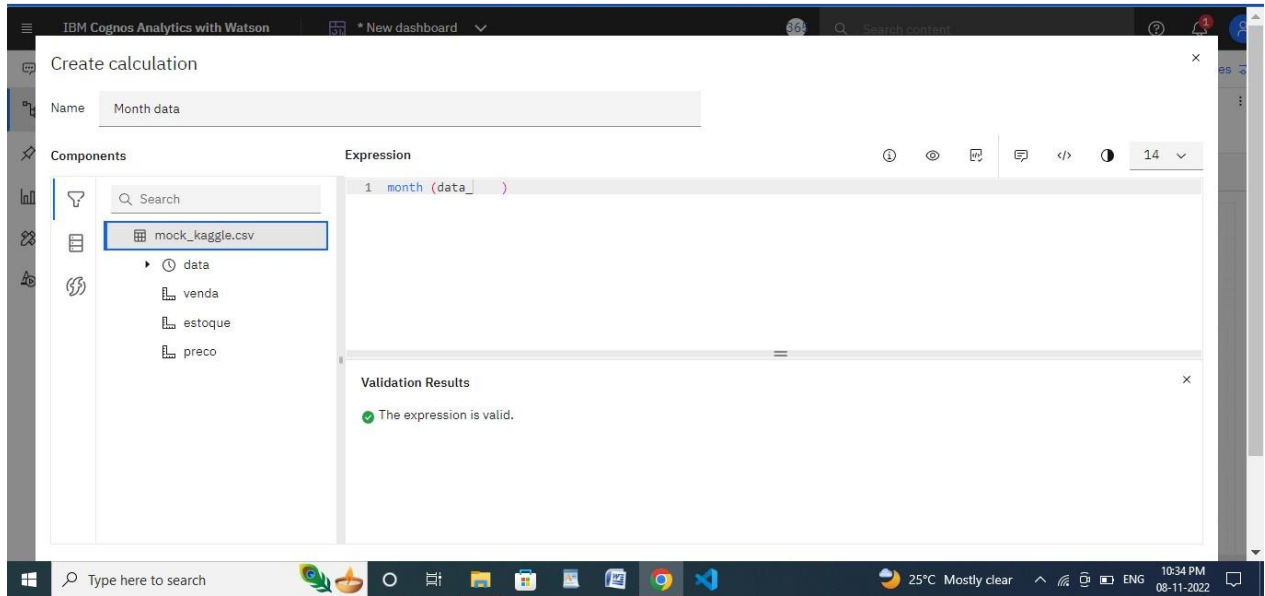
Create a data module :



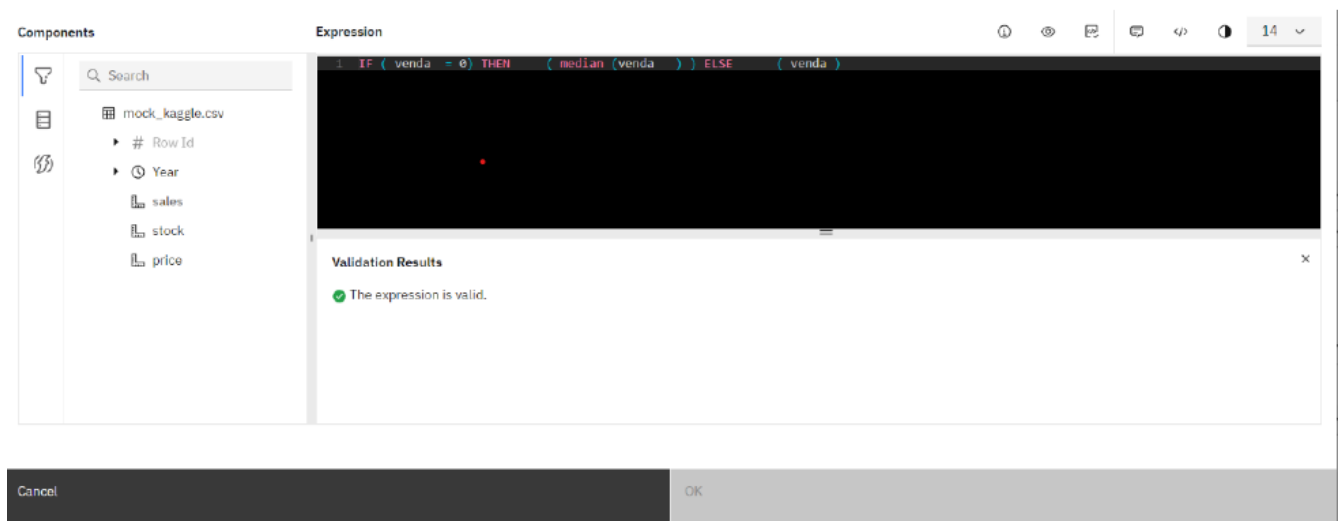
Prepare Dataset :



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 with Watson interface. The top navigation bar includes the logo, the text "IBM Cognos Analytics with Watson", a dropdown menu for "New data module", a search bar, and user profile icons. The left sidebar contains a "Data module" section with a search bar and a list of modules: "New data module", "Navigation paths", "mock_kaggle.csv", "# Row Id", "Year", "Sales", "Stock", and "Price". The "Sales" module is selected and highlighted. The main area displays a table with the following data:

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

The bottom of the screen shows a Windows taskbar with the search bar, taskbar icons, and system tray area.

Stock Dataset :

The screenshot shows the IBM Cognos Analytics with Watson interface. The top navigation bar includes the logo, the text "IBM Cognos Analytics with Watson", a dropdown menu for "New data module", a search bar, and user profile icons. The left sidebar contains a "Data module" section with a search bar and a list of modules: "New data module", "Navigation paths", "mock_kaggle.csv", "# Row Id", "Year", "Sales", "Stock", and "Price". The "Stock" module is selected and highlighted. The main area displays a table with the following data:

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
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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

The bottom of the screen shows a Windows taskbar with the search bar, taskbar icons, and system tray area.

Price Dataset :

The screenshot shows the IBM Cognos Analytics with Watson interface. On the left, the 'Data module' pane displays a search bar and a list of data sources under 'mock_kaggle.csv', including 'Row Id', 'Year', 'Sales', 'Stock', and 'Price'. The 'Price' column is selected. The main area shows a table with 11 rows and 5 columns: Row Id, Year, Sales, Stock, and Price. 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
5	2014-01-05	96	4654	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

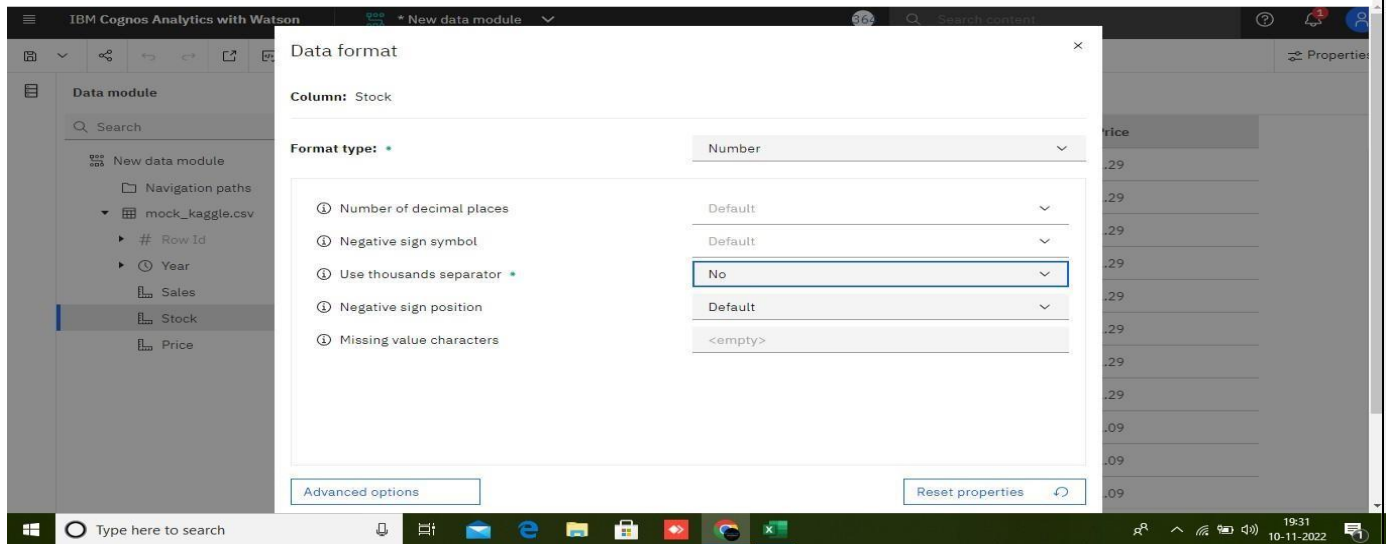
Sales - Format Data :

The screenshot shows the IBM Cognos Analytics with Watson interface with a 'Data format' dialog box open. The dialog box is titled 'Data format' and has a close button (X). It shows the 'Column: Sales' and the 'Format type: Number'. Below this, there are several settings for the number format:

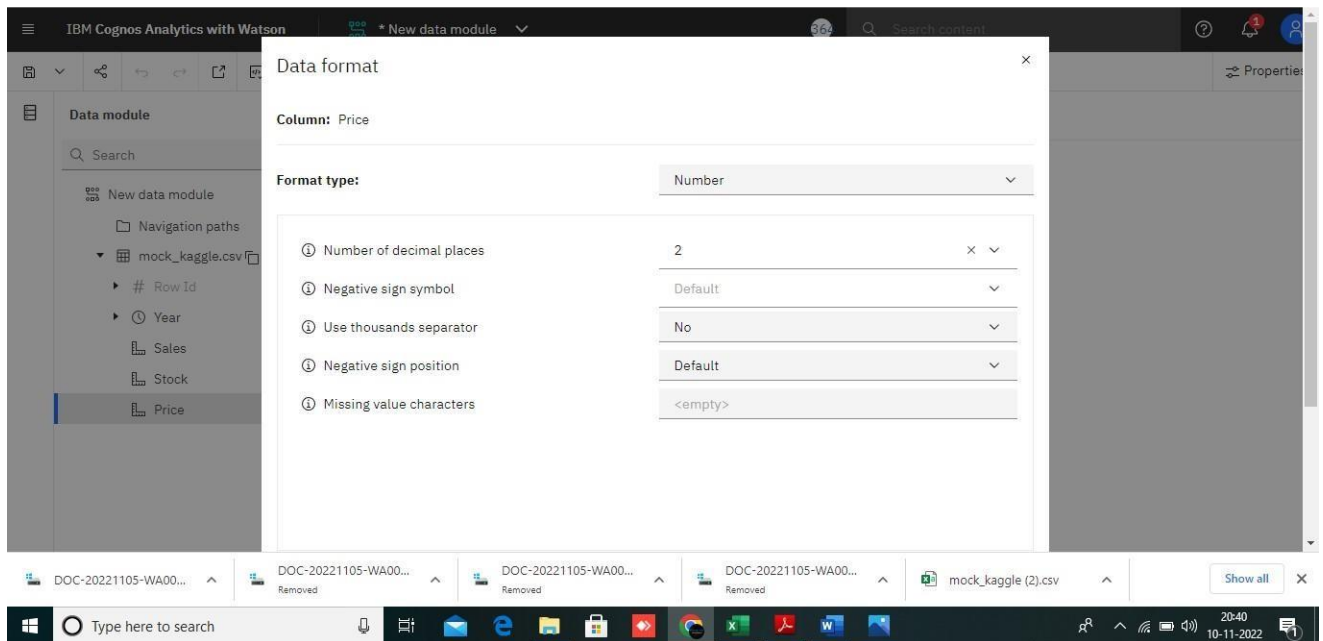
- Number of decimal places: Default
- Negative sign symbol: Default
- Use thousands separator: No (selected)
- Negative sign position: Default
- Missing value characters: <empty>

At the bottom of the dialog box, there are buttons for 'Advanced options' and '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>

Done by:-

MANISH BABU S
KEVIN CALEB DANIEL E
LEON S CHACKO
PRASATH KP