

Project Development Phase

Delivery of Sprint-1

Team ID	PNT2022TMID16620
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:

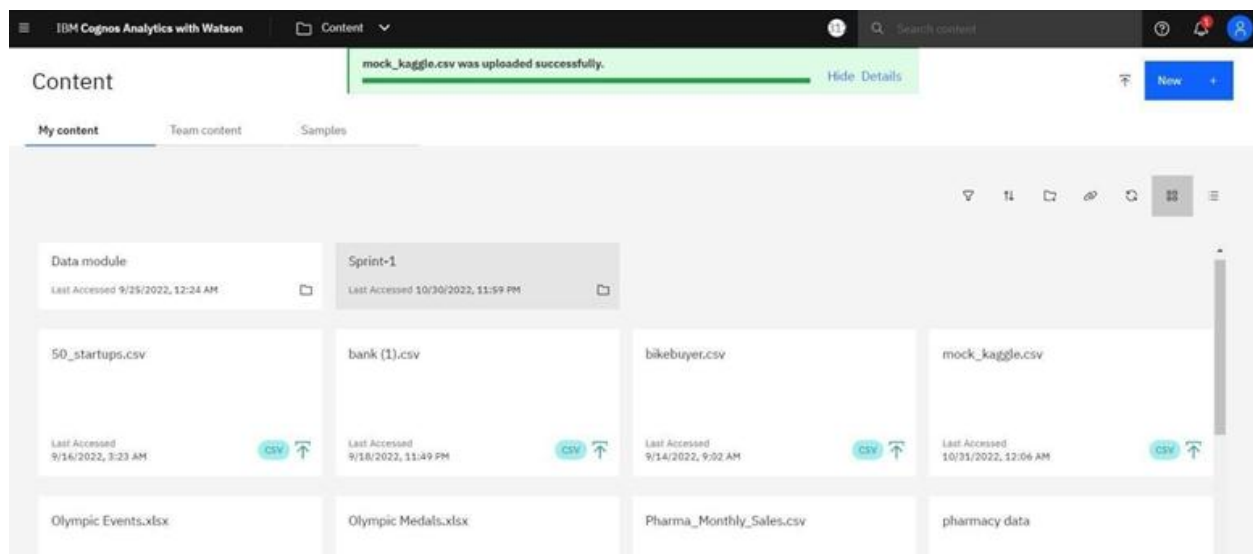
Data Collection:

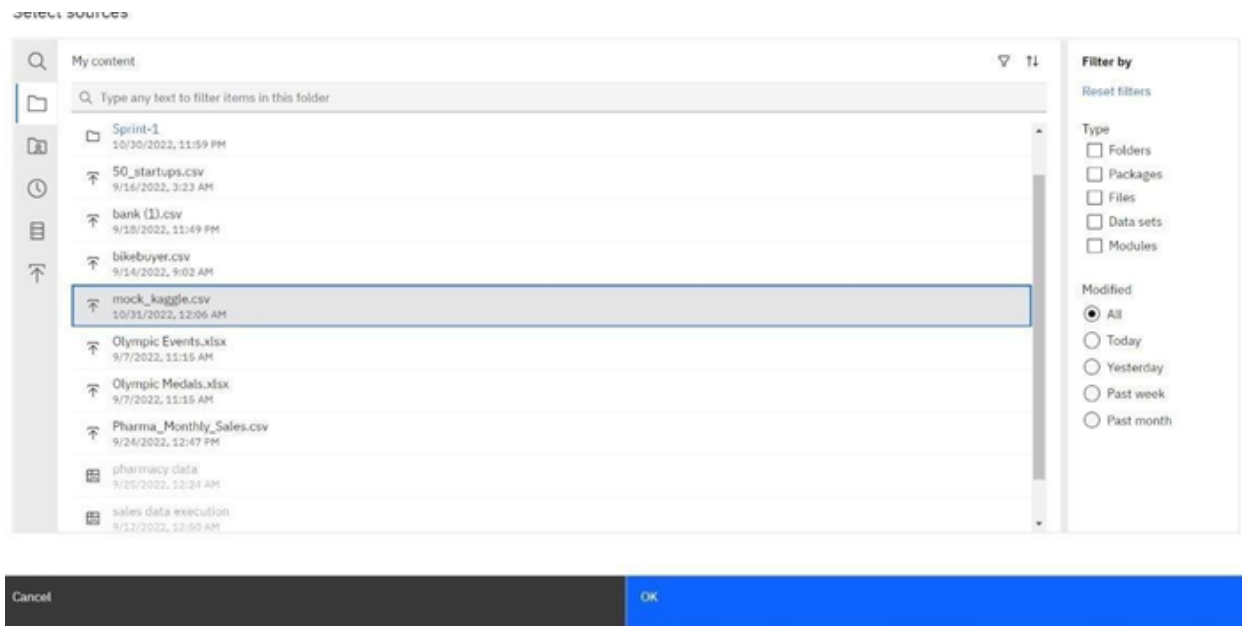
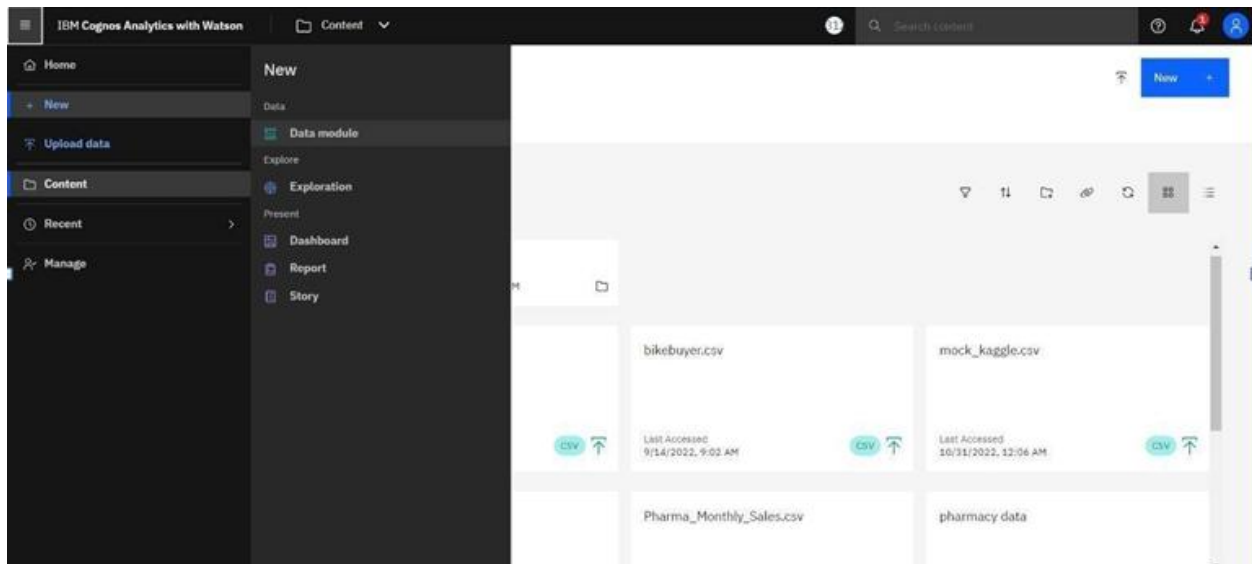
Download the Dataset

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

Load the Dataset:

Tool used – IBM Cognos





Month data:

Create calculation

Name

Month data

Components

Q Search

mock_kaggle.csv

Row Id

data

venda

estoque

preco

Expression

1 Month (data_)

Validation Results

The expression is valid.

☐ Calculate after aggregation

Cancel

OK

Edit calculation

Name

sales

Components

Q Search

mock_kaggle.csv

Row Id

Year

sales

stock

price

Expression

1 IF (venda = 0) THEN (modian (venda)) ELSE (venda)

Validation Results

The expression is valid.

Cancel

OK

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

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

The screenshot shows the IBM Cognos Analytics interface. The top bar indicates the project is 'Retail inventory Management'. On the left, the 'Data module' pane shows a tree structure with 'mock_kaggle.csv' expanded, listing fields: 'Row Id', 'Year', 'sales', 'stock', and 'price'. The 'stock' field is currently selected. The main area displays a table with 13 rows and 6 columns: 'Row Id', 'Year', 'sales', 'stock', and 'price'. The 'stock' column is highlighted with a blue background.

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:

Data format

Column: stock

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

Sales-Format Data:

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

Price-Format Data:

Column: price

Format type: Number

① Number of decimal places 2

① Negative sign symbol Default

① Use thousands separator No

① Negative sign position Default

① Missing value characters <empty>

Advanced options

Reset properties

Cancel OK

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>

Advanced options

Reset properties