

# Project Development

## Phase Delivery of Sprint-1

Team ID	PNT2022TMID08062
Project Title	Retail Store Stock Inventory Analytics

## Sprint-1:

- Data Collection
- Data Preparation

### Data Collection:

Download the dataset:

The best way to get the dataset is to go to [www.kaggle.com](http://www.kaggle.com).

Link to my dataset on Google Drive:

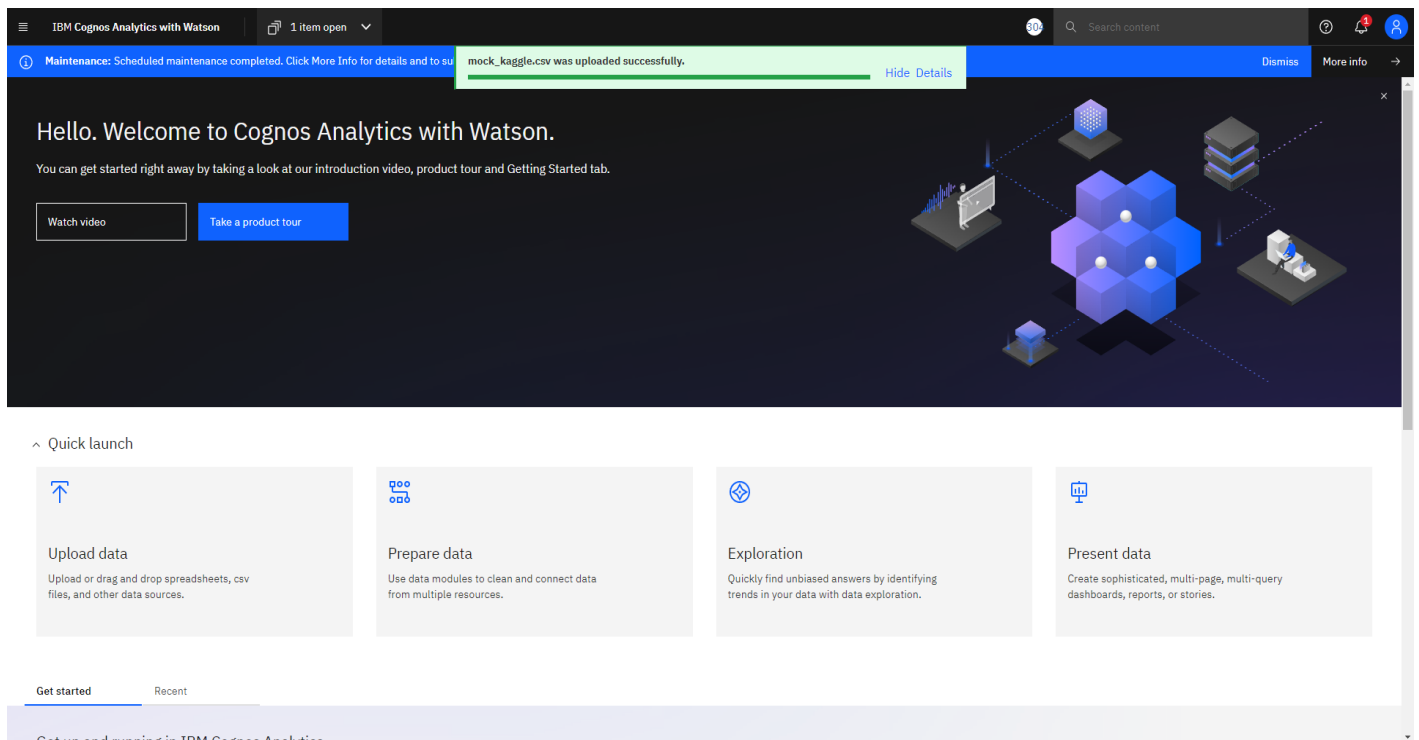
[https://drive.google.com/file/d/1UPGl-bJycH8H7BGjStHqCGGvfrLDjkDk/view?usp=share\\_link](https://drive.google.com/file/d/1UPGl-bJycH8H7BGjStHqCGGvfrLDjkDk/view?usp=share_link)

[illegible]

## Load the Dataset:

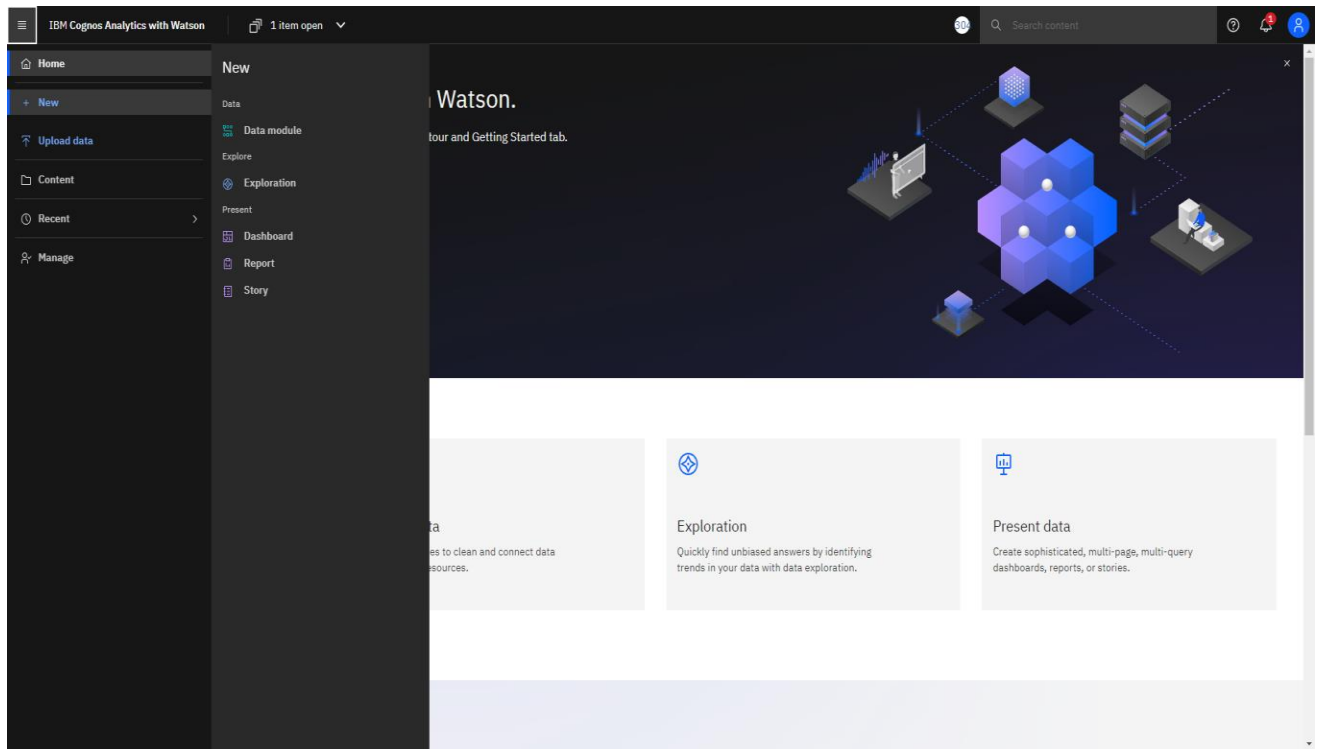
Tools used – IBM Cognos

Datasets can be uploaded by selecting Upload data from the quick launch menu or by clicking the menu bar and selecting Upload data.



## Data Preparation:

This can be achieved by clicking prepare data in quick launch and selecting menu bar and clicking new and selecting data module.



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\* New data module

Search content

Open menu

Data module

Search

New data module

Navigation paths

mock\_kaggle.csv

# Row Id

data

venda

estoque

preco

Row Id	data	venda	estoque	preco
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
12	2014-01-12	121	5118	1.09
13	2014-01-13	134	4984	1.09
14	2014-01-14	80	4904	1.09
15	2014-01-15	82	4822	1.09
16	2014-01-16	94	4728	1.19
17	2014-01-18	159	4464	1.19
18	2014-01-19	199	4265	1.19
19	2014-01-20	104	4161	1.19

## Month data:

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New data module

Search content

Create calculation

Name: Month data

Components

- mock\_kaggle.csv
  - # Row Id
  - data
  - venda
  - estoque
  - preco

Expression: 1 month(data\_)

Validation Results

The expression is valid.

Calculate after aggregation

Cancel OK

Row Id	date	sales	stock	price
18	2014-01-19	199	4265	1.19
19	2014-01-20	104	4161	1.19

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New data module

Search content

Properties

Data module

- New data module
- Navigation paths
- mock\_kaggle.csv
  - Month data
  - Row Id
  - date
  - sales
  - stock
  - price

Grid

Row Id	date	sales	stock	price
1	2014-01-16	94	4728	1.19
1	2014-01-18	159	4464	1.19
1	2014-01-19	199	4265	1.19
1	2014-01-20	104	4161	1.19
1	2014-01-21	70	4091	1.19

Filter - sales

Define a range

Select individual items

Use the slider or enter a range of values

10 542

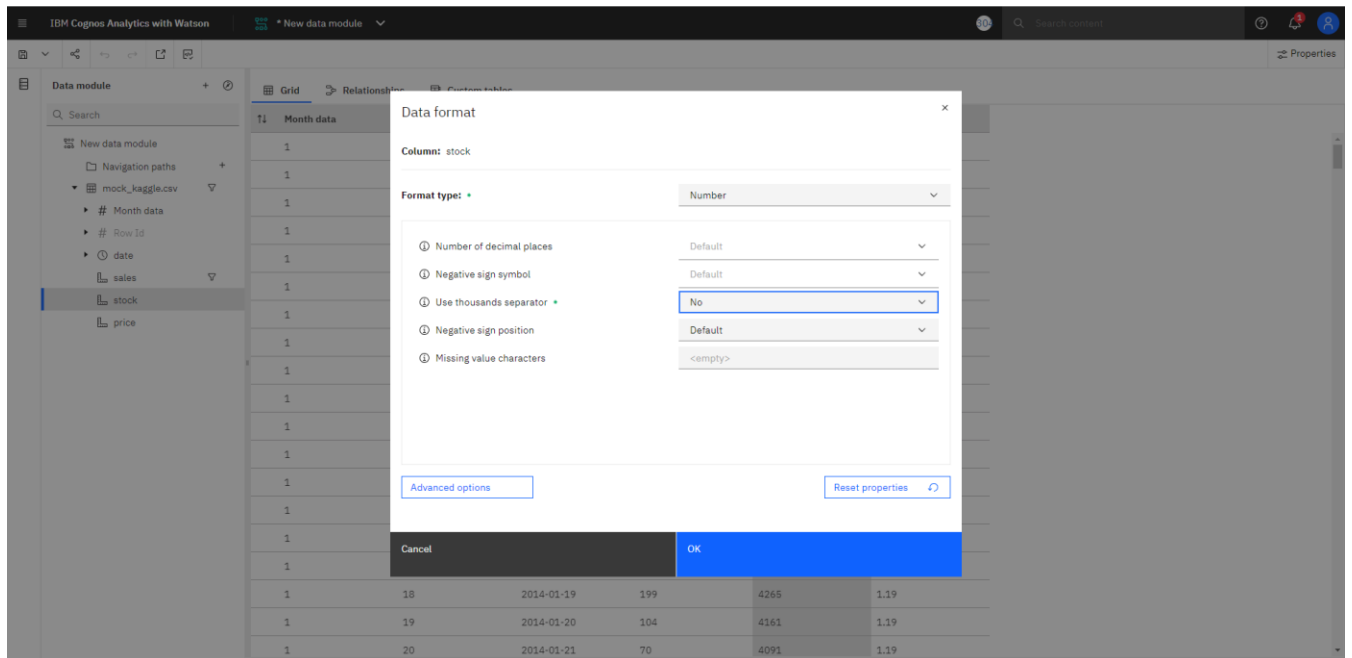
0 542

Include null values

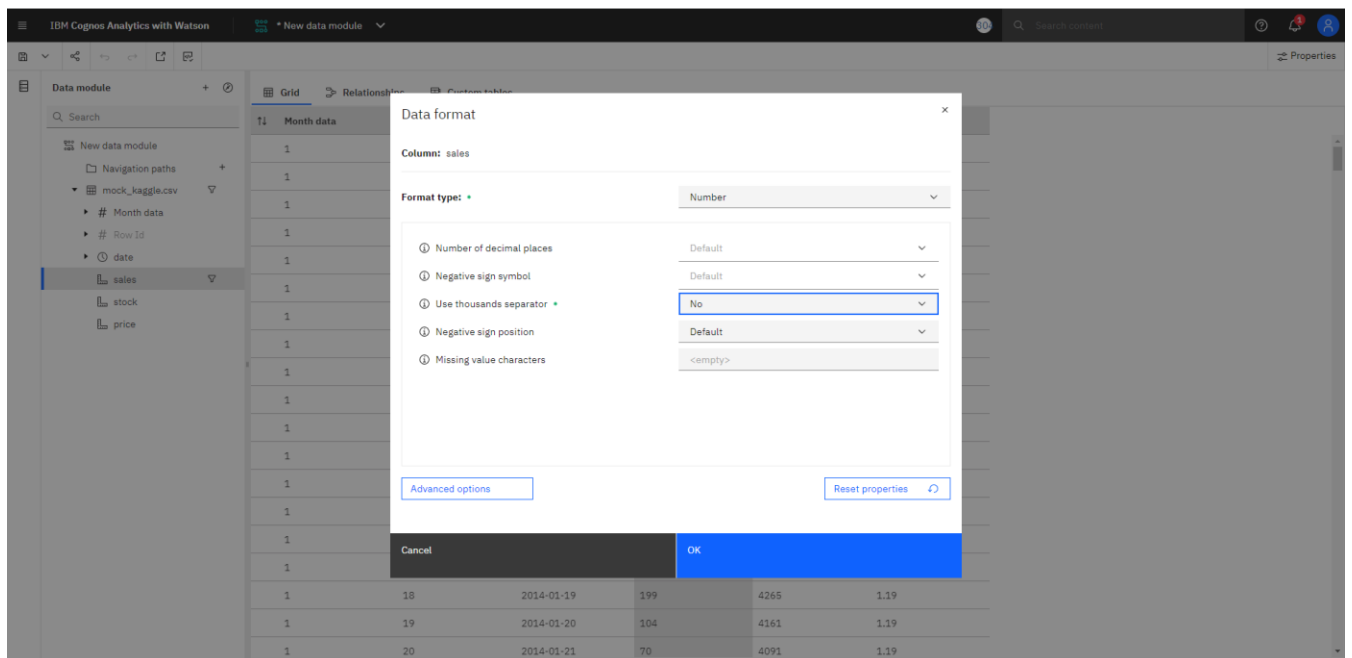
Clear all Invert

Cancel OK

## Stock-Data Format:



## Sales-Format Data:



The screenshot shows the IBM Cognos Analytics interface. A data grid is visible in the background with columns for 'Month data', 'Row Id', 'date', 'sales', 'stock', and 'price'. The 'price' column is highlighted. A 'Data format' dialog box is open, showing the configuration for the 'price' column. The dialog has a 'Column' field set to 'price'. Under 'Format type', 'Number' is selected. The 'Number of decimal places' is set to '2'. The 'Negative sign symbol' is 'Default'. The 'Use thousands separator' is set to 'No'. The 'Negative sign position' is 'Default'. The 'Missing value characters' are '<empty>'. At the bottom of the dialog, there are buttons for 'Advanced options', 'Reset properties', 'Cancel', and 'OK'.