

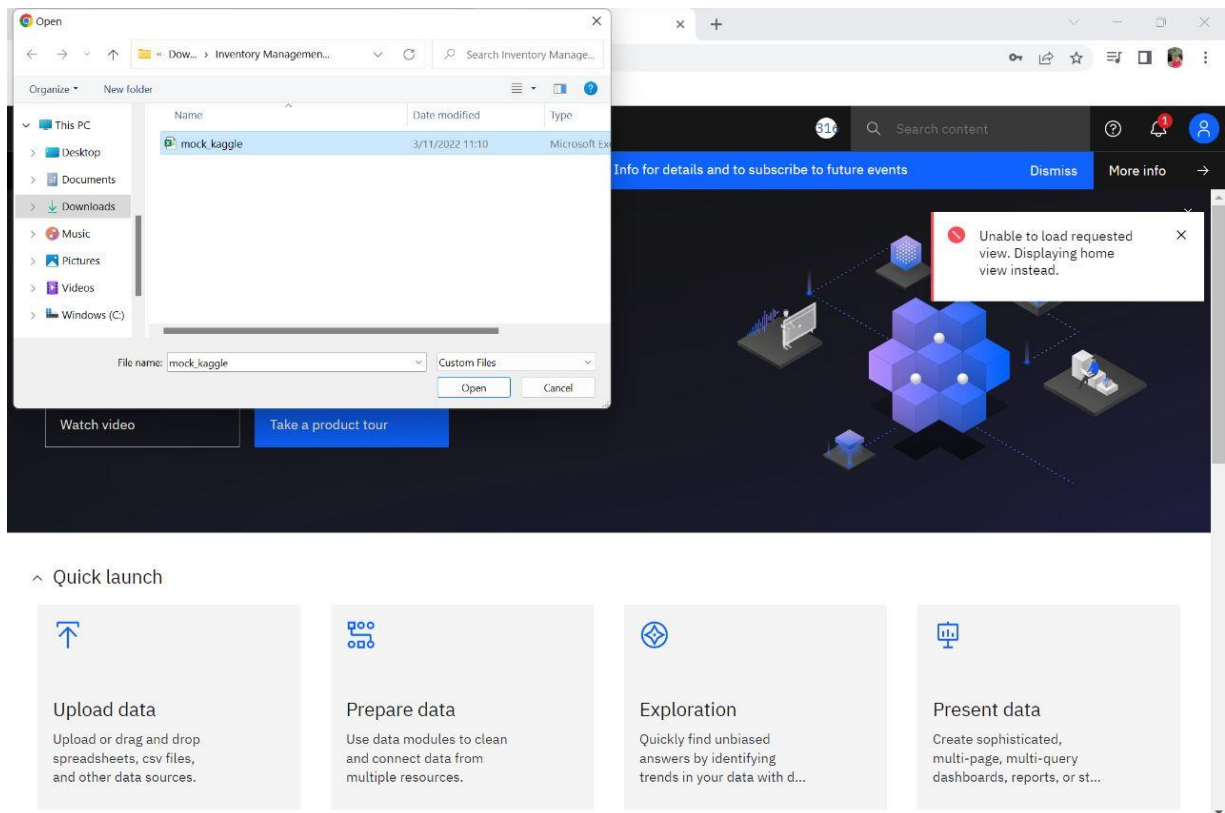
## Project Development Phase Delivery of Sprint-1

Team ID	PNT2022TMID29780
Project Name	Retail Store Stock Inventory Analytics

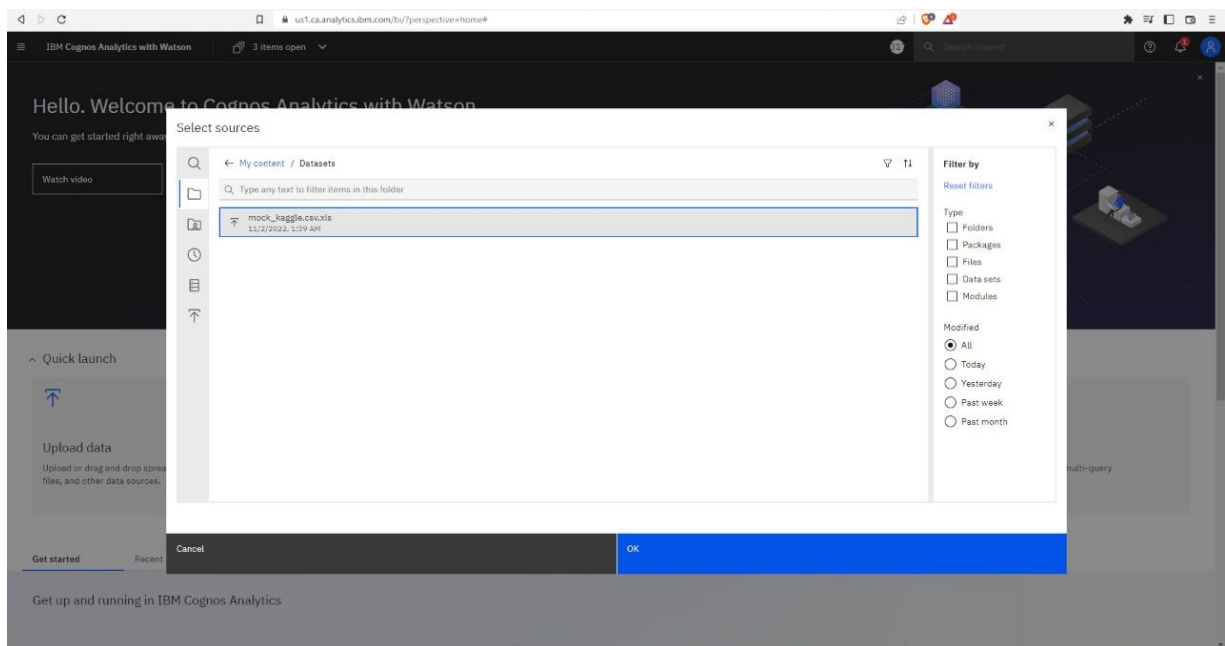
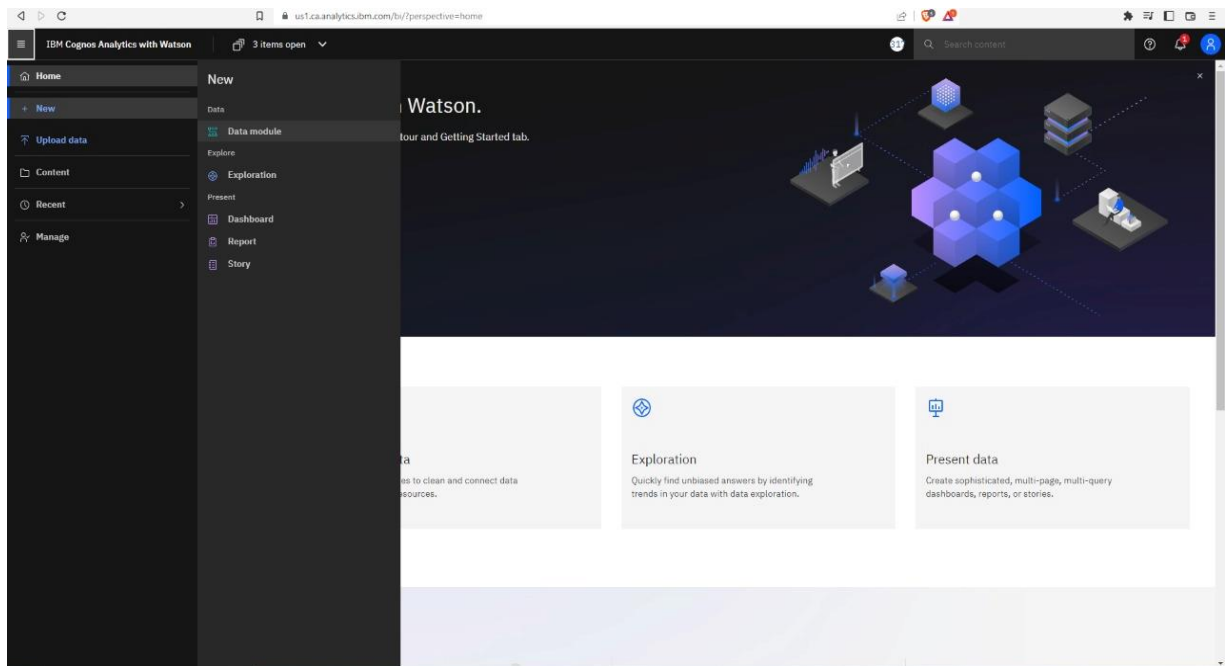
### Project Development Phase: Sprint-1:

- Data Collection
- Data Preparation

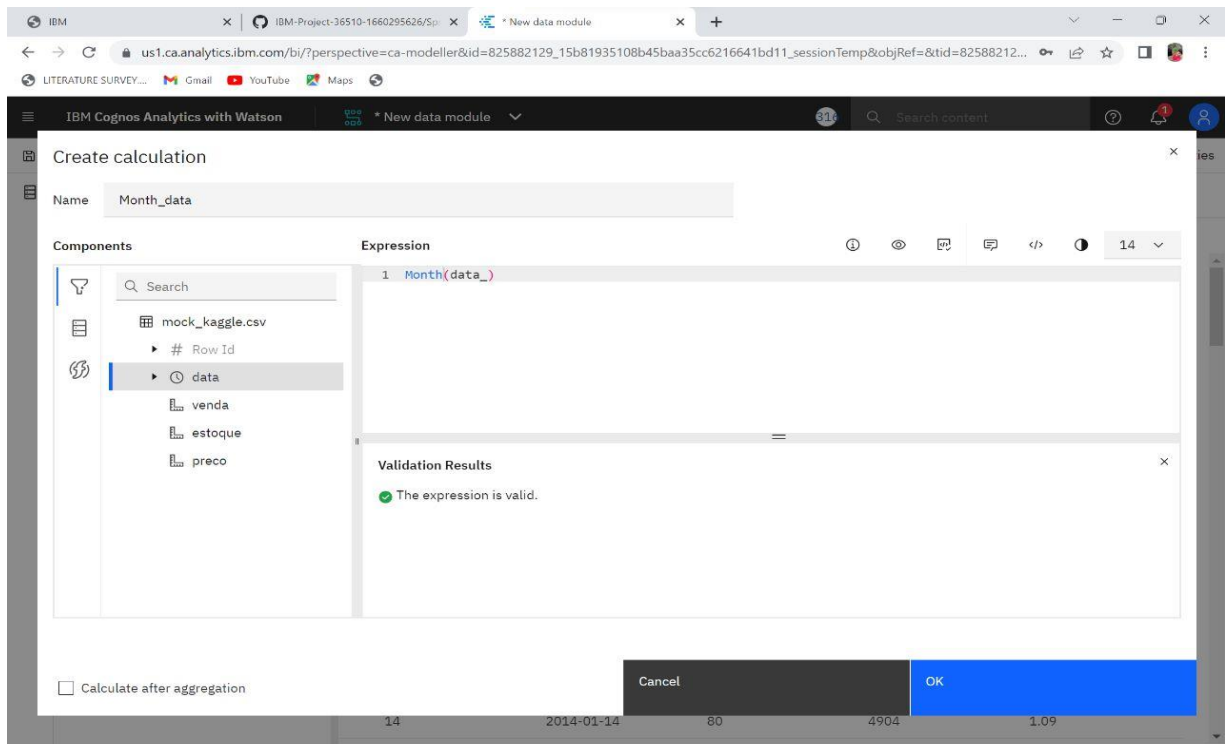
### Uploading the data



# Creating data module



# Creating expressions



## Month Data

The screenshot shows the 'Data module' view in IBM Cognos Analytics. The 'Month\_data' table is selected, and its data is displayed in a grid. The table has columns: Row Id, data, venda, estoque, and preco. The data is as follows:

Row Id	data	venda	estoque	preco
1	2014-01-01	0	4972	1.2
1	2014-01-02	70	4902	1.2
1	2014-01-03	59	4843	1.2
1	2014-01-04	93	4750	1.2
1	2014-01-05	96	4654	1.2
1	2014-01-06	145	4509	1.2
1	2014-01-07	179	4329	1.2
1	2014-01-08	321	4104	1.2
1	2014-01-09	125	4459	1.0
1	2014-01-10	88	5043	1.0
1	2014-01-11	188	5239	1.0
1	2014-01-12	121	5118	1.0
1	2014-01-13	134	4984	1.0
1	2014-01-14	80	4904	1.0

# Saleswise

The screenshot shows the IBM Cognos Analytics with Watson interface. The left sidebar displays the 'Data module' tree with 'Sales' selected. The main grid view shows a table with columns: Row Id, Year, Sales, estoque, and preco. The data represents daily sales and inventory for January 2014.

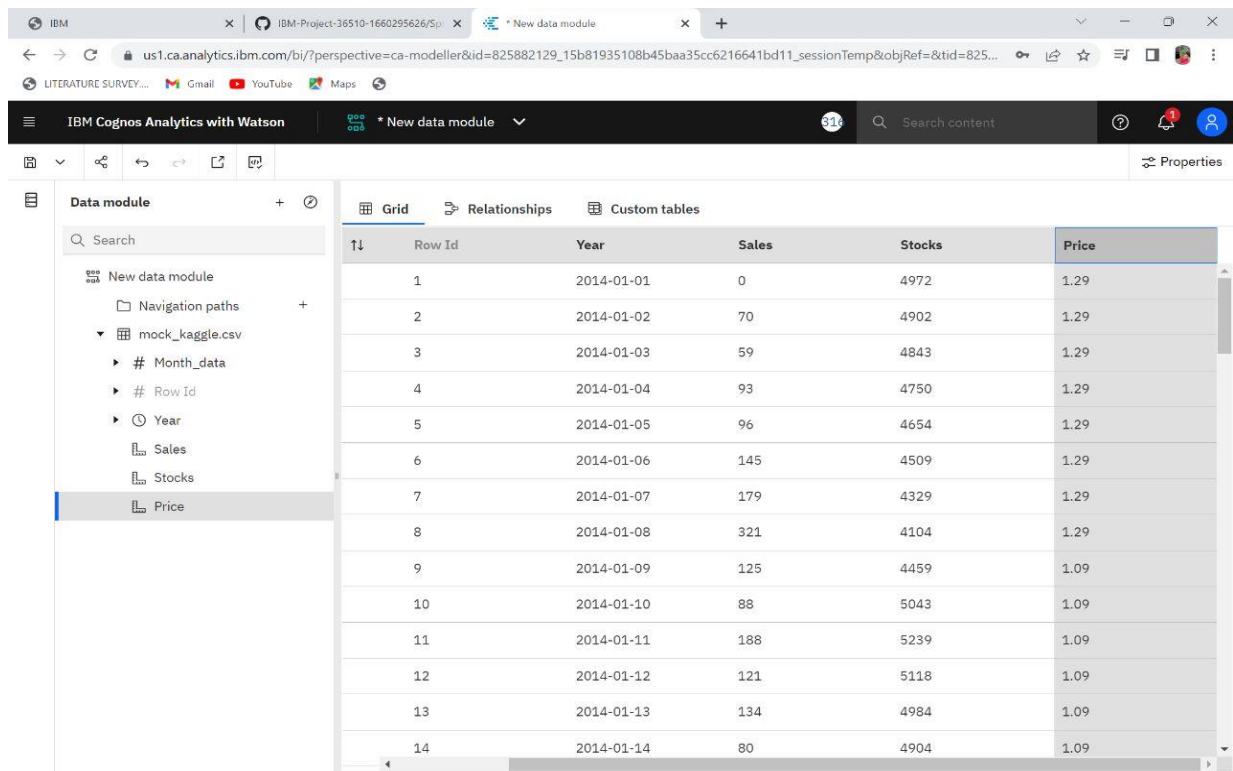
Row Id	Year	Sales	estoque	preco
1	2014-01-01	0	4972	1.29
2	2014-01-02	70	4902	1.29
3	2014-01-03	59	4843	1.29
4	2014-01-04	93	4750	1.29
5	2014-01-05	96	4654	1.29
6	2014-01-06	145	4509	1.29
7	2014-01-07	179	4329	1.29
8	2014-01-08	321	4104	1.29
9	2014-01-09	125	4459	1.09
10	2014-01-10	88	5043	1.09
11	2014-01-11	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

# Stockwise

The screenshot shows the IBM Cognos Analytics with Watson interface. The left sidebar displays the 'Data module' tree with 'Stocks' selected. The main grid view shows a table with columns: Row Id, Year, Sales, Stocks, and preco. The data represents daily sales and inventory for January 2014.

Row Id	Year	Sales	Stocks	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

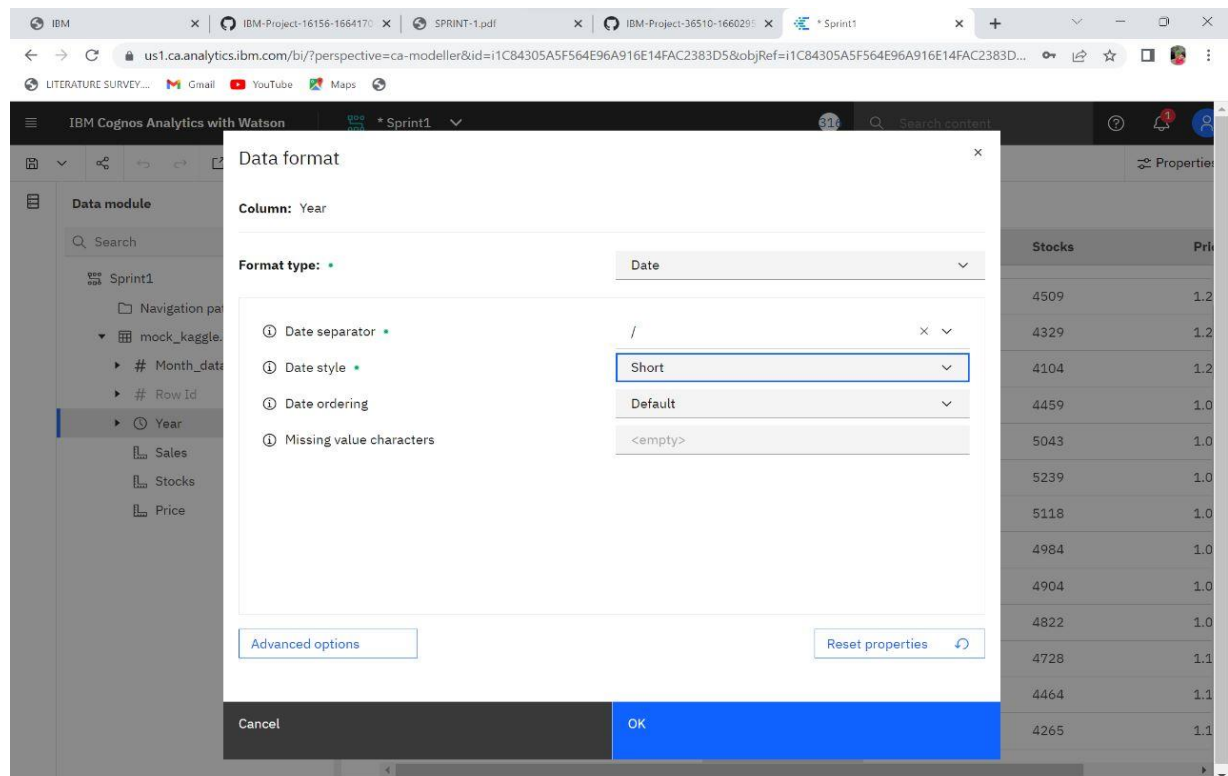
# Pricewise



The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane displays a tree structure for 'mock\_kaggle.csv' with fields: # Month\_data, # Row Id, Year, Sales, Stocks, and Price. The 'Price' field is selected. The main area shows a table with the following data:

Row Id	Year	Sales	Stocks	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
12	2014-01-12	121	5118	1.09
13	2014-01-13	134	4984	1.09
14	2014-01-14	80	4904	1.09

## Year format data



The screenshot shows the 'Data format' dialog box for the 'Year' column. The 'Format type' is set to 'Date'. The 'Date separator' is '/', the 'Date style' is 'Short', the 'Date ordering' is 'Default', and the 'Missing value characters' are '<empty>'. The dialog has 'Advanced options', 'Reset properties', 'Cancel', and 'OK' buttons.

Column: Year

Format type: Date

Date separator: /

Date style: Short

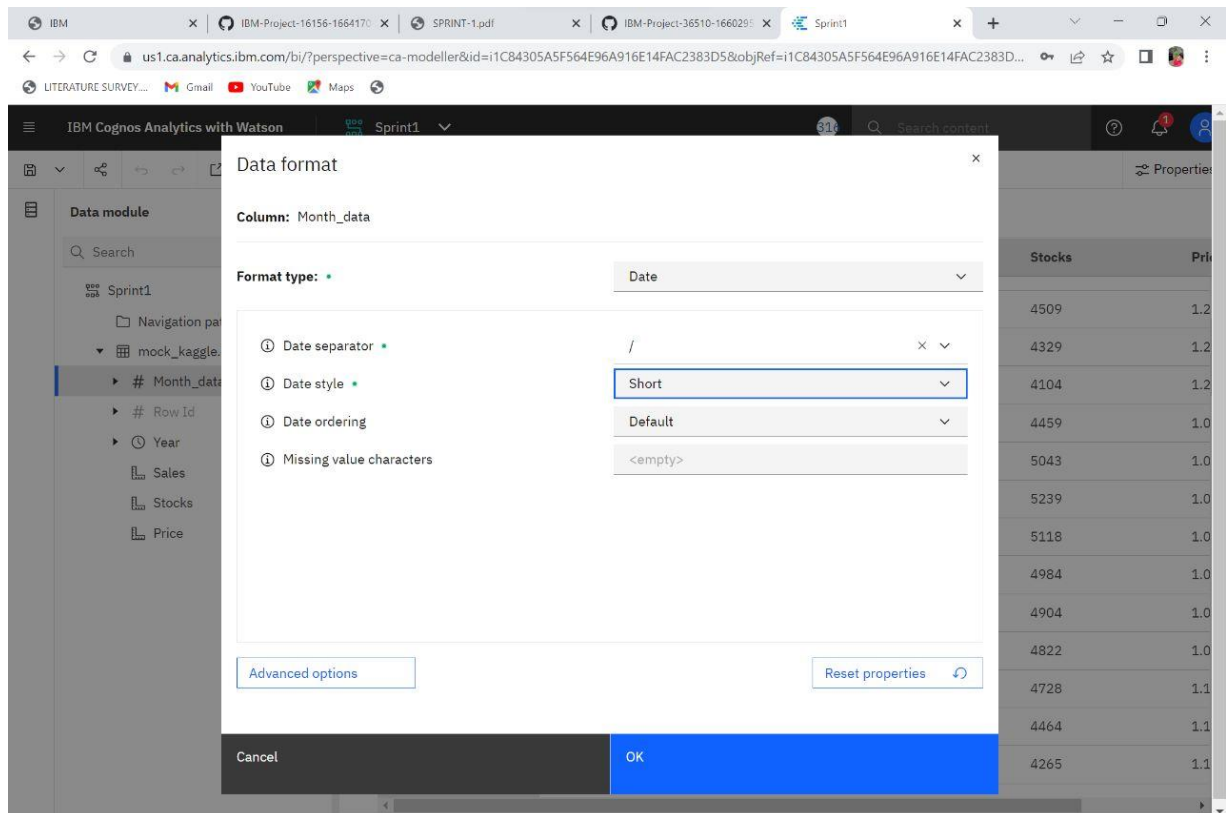
Date ordering: Default

Missing value characters: <empty>

Advanced options Reset properties

Cancel OK

# Month format data



## Cognos Link :

[https://us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&pathRef=.my\\_folders%2FSprint-1%2FSprint1](https://us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&pathRef=.my_folders%2FSprint-1%2FSprint1)