Project Development

Phase Delivery of Sprint-1

Team ID	PNT2022TMID08062
Project Title	Retail Store Stock Inventory Analytics

Sprint-1:

- Data Collection
- Data Preparation

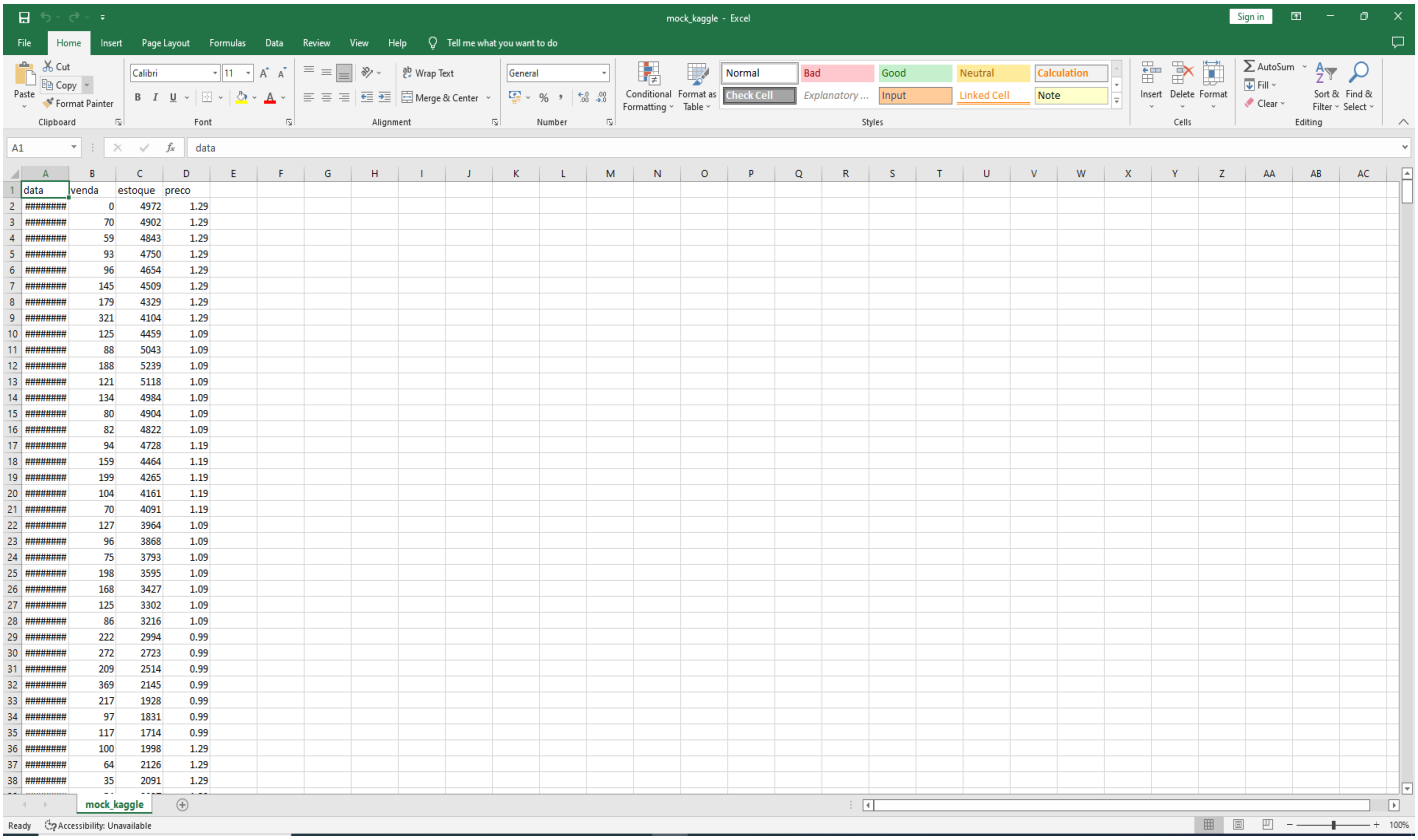
Data Collection:

Download the dataset:

The best way to get the dataset is to go to www.kaggle.com.

Link to my dataset on Google Drive:

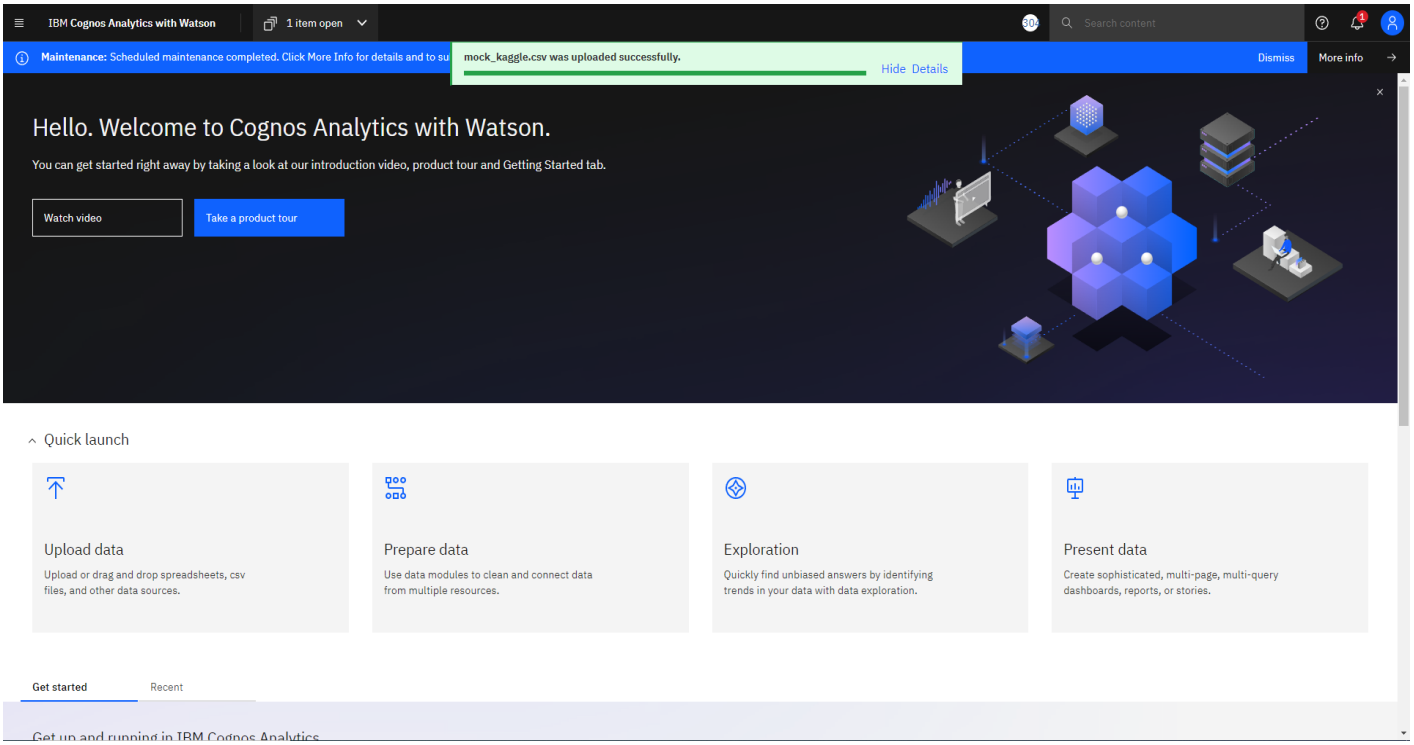
https://drive.google.com/file/d/1UPGl-bJycH8H7BGjStHqCGGvfrLDjkDk/view?usp=share_link



Load the Dataset:

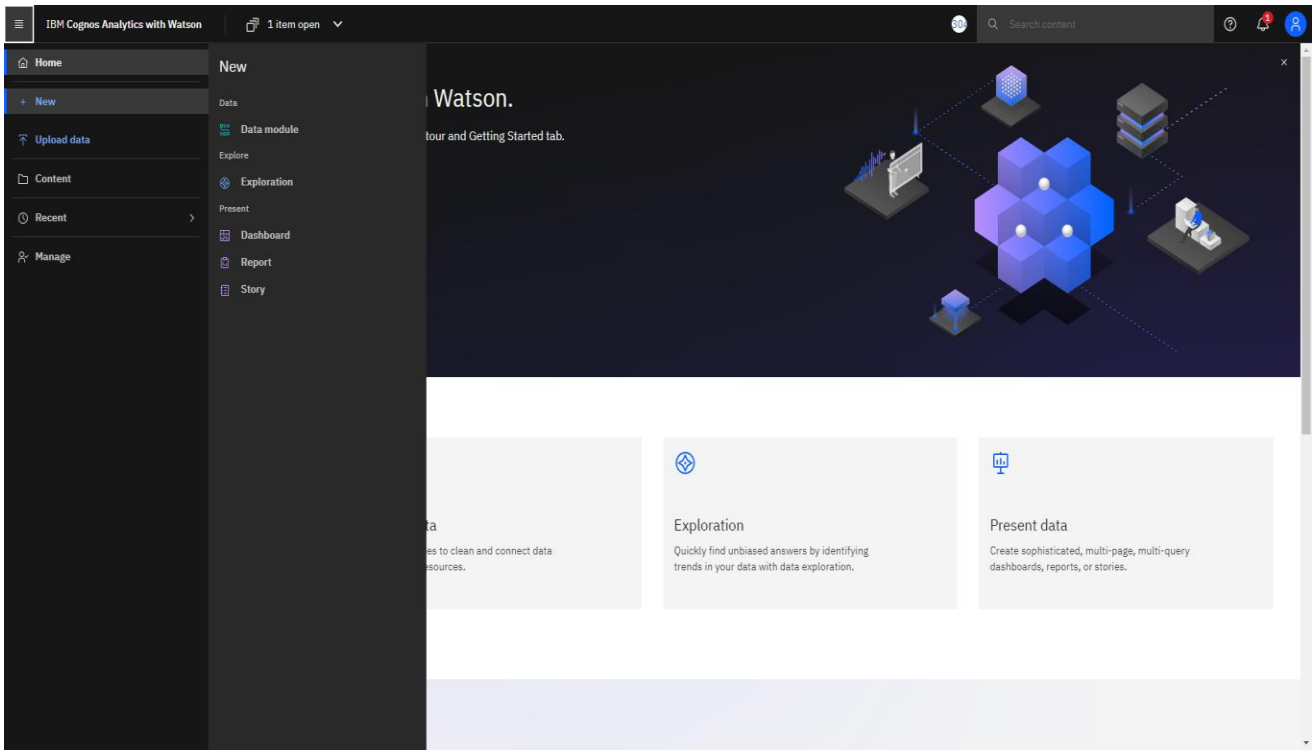
Tools used – IBM Cognos

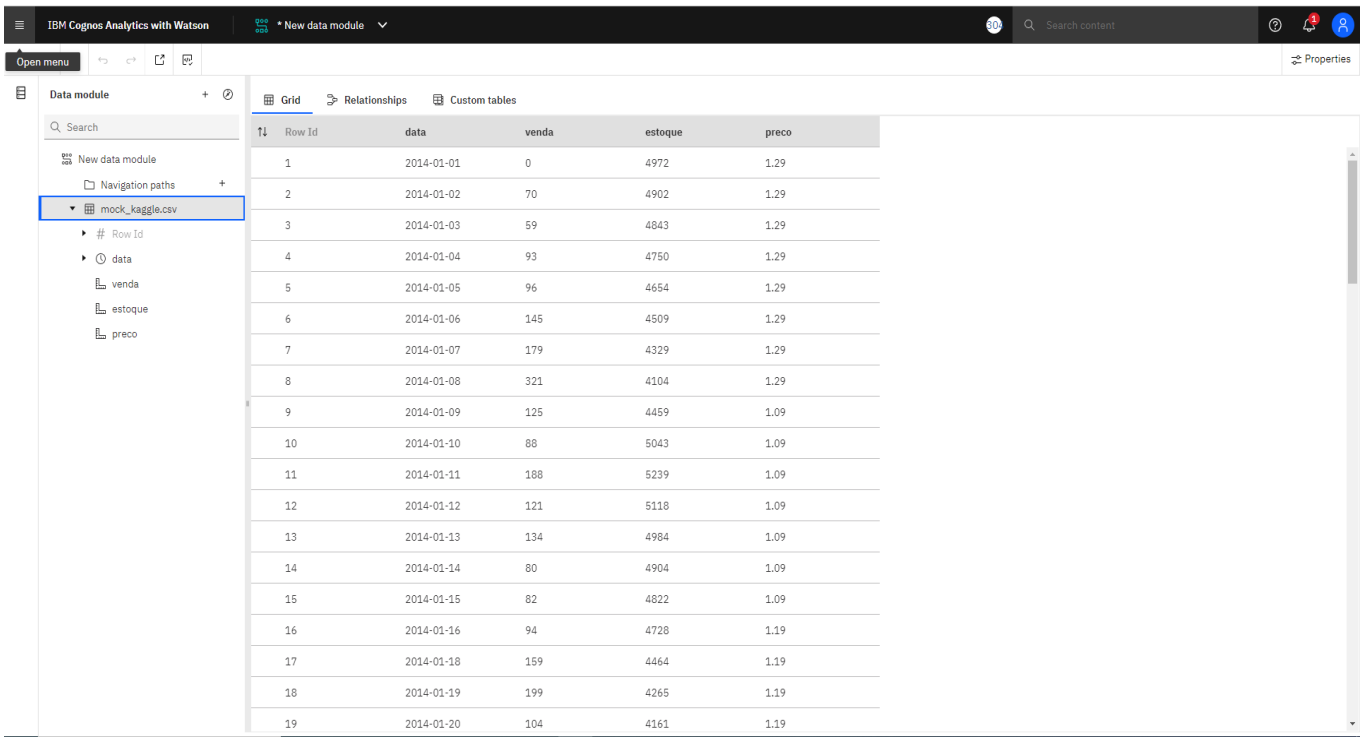
Datasets can be uploaded by selecting Upload data from the quick launch menu or by clicking the menu bar and selecting Upload data.



Data Preparation:

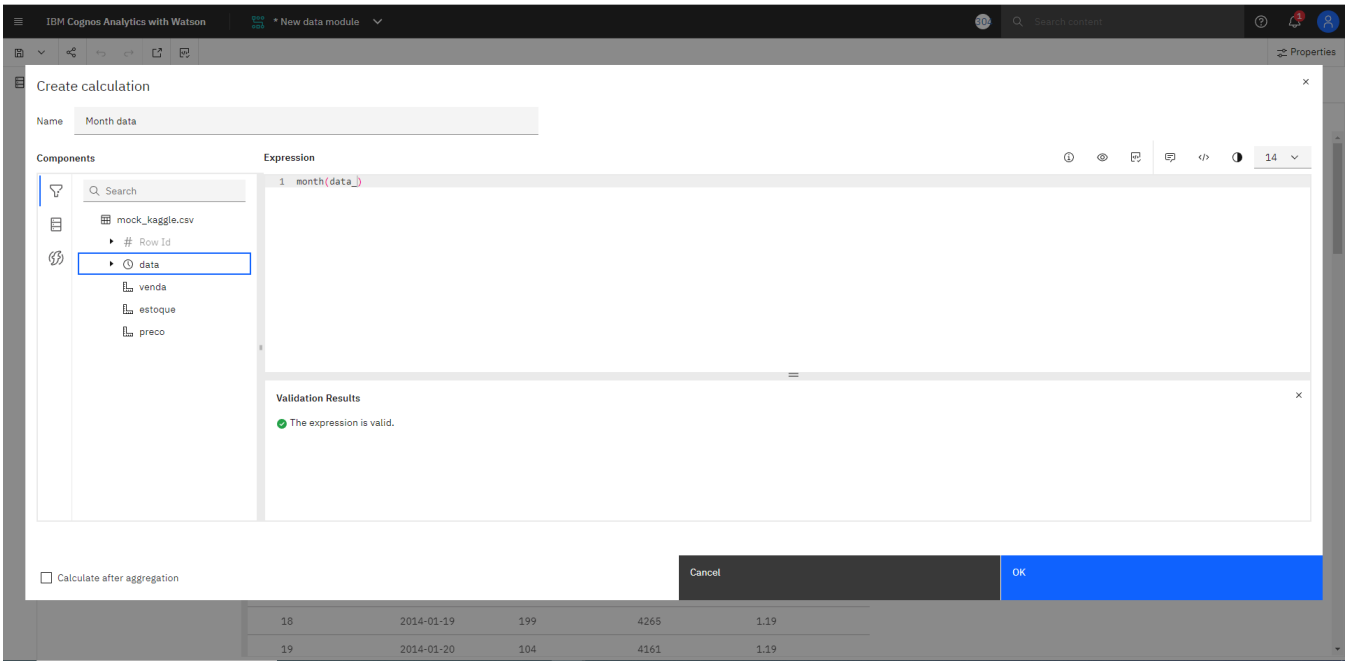
This can be achieved by clicking prepare data in quick launch and selecting menu bar and clicking new and selecting data module.

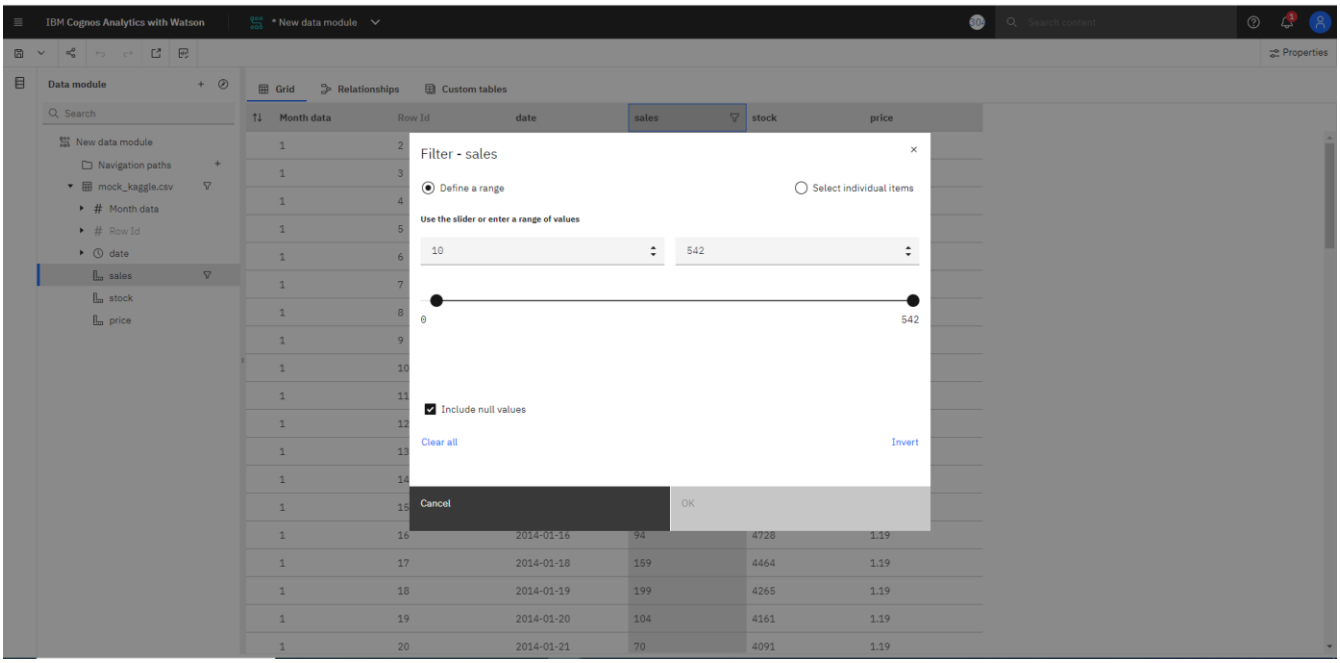




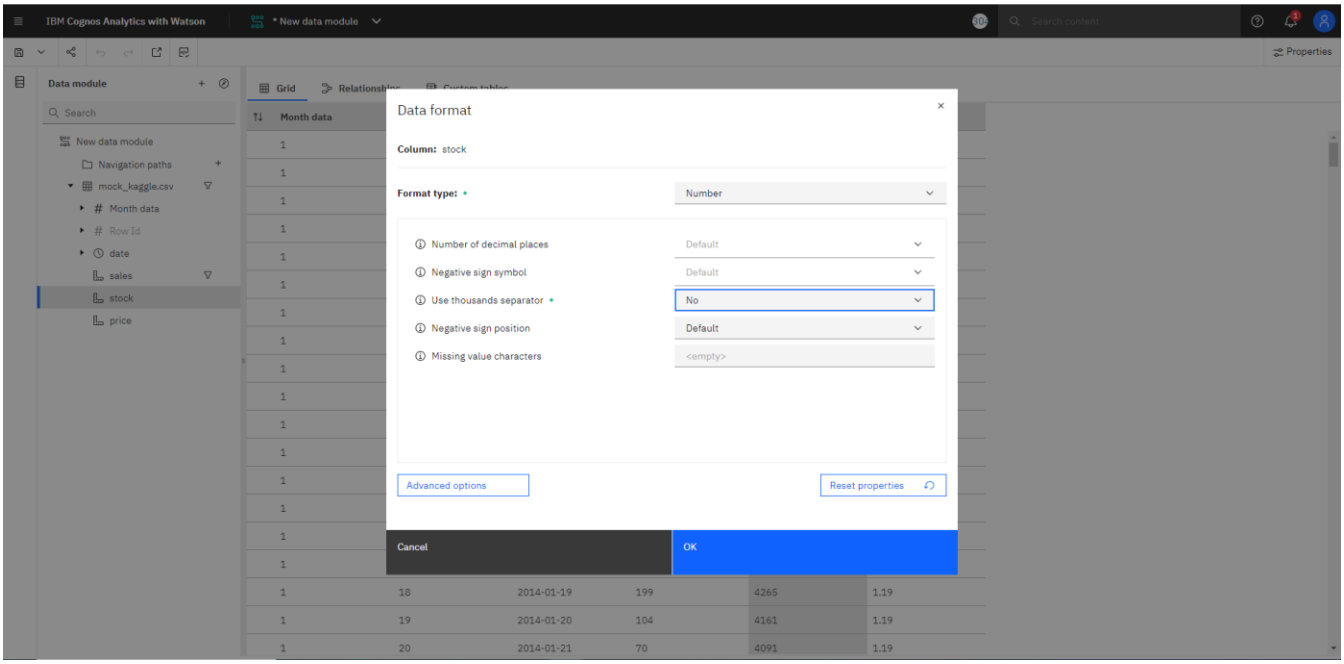
Row Id	data	venda	estoque	preco
1	2014-01-01	0	4972	1.29
2	2014-01-02	70	4902	1.29
3	2014-01-03	59	4843	1.29
4	2014-01-04	93	4750	1.29
5	2014-01-05	96	4654	1.29
6	2014-01-06	145	4509	1.29
7	2014-01-07	179	4329	1.29
8	2014-01-08	321	4104	1.29
9	2014-01-09	125	4459	1.09
10	2014-01-10	88	5043	1.09
11	2014-01-11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

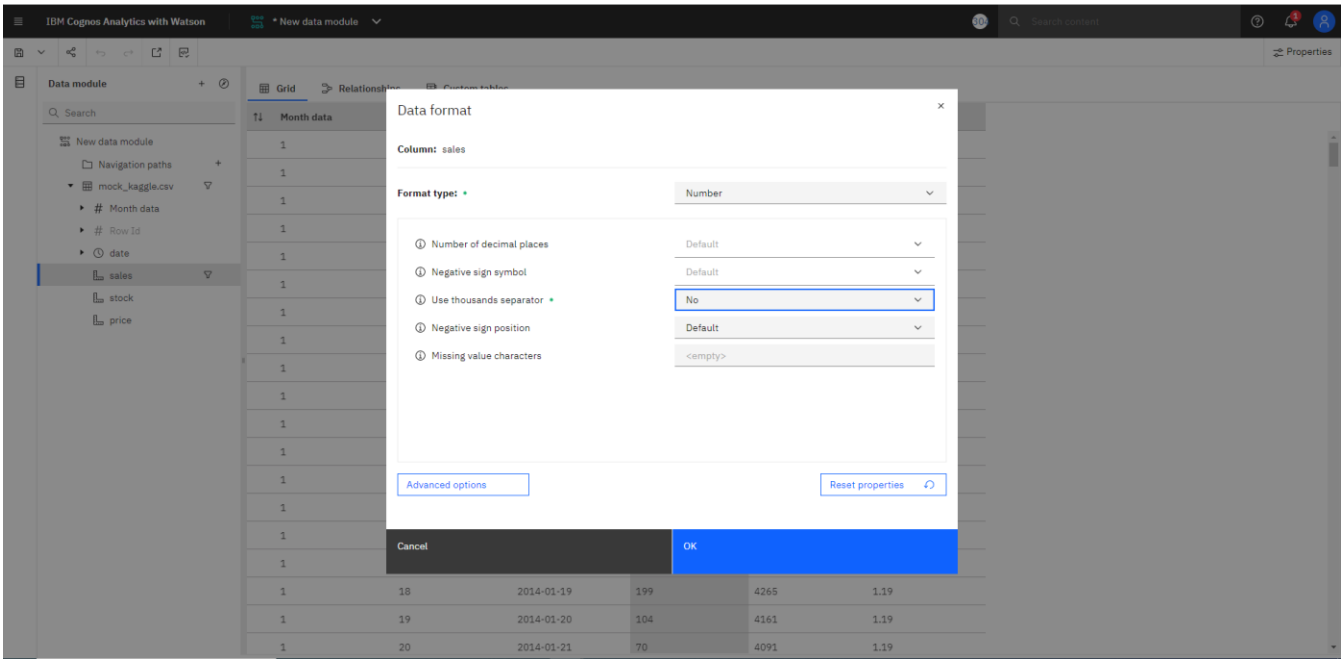

IBM Cognos Analytics with Watson
* New data module
Create calculation
Name
Month data
Components
Expression
1 month(data_)
mock_kaggle.csv
Row Id
data
venda
estoque
preco
Validation Results
The expression is valid.
Calculate after aggregation
Cancel
OK


IBM Cognos Analytics with Watson
* New data module
Data module
Grid
Relationships
Custom tables
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

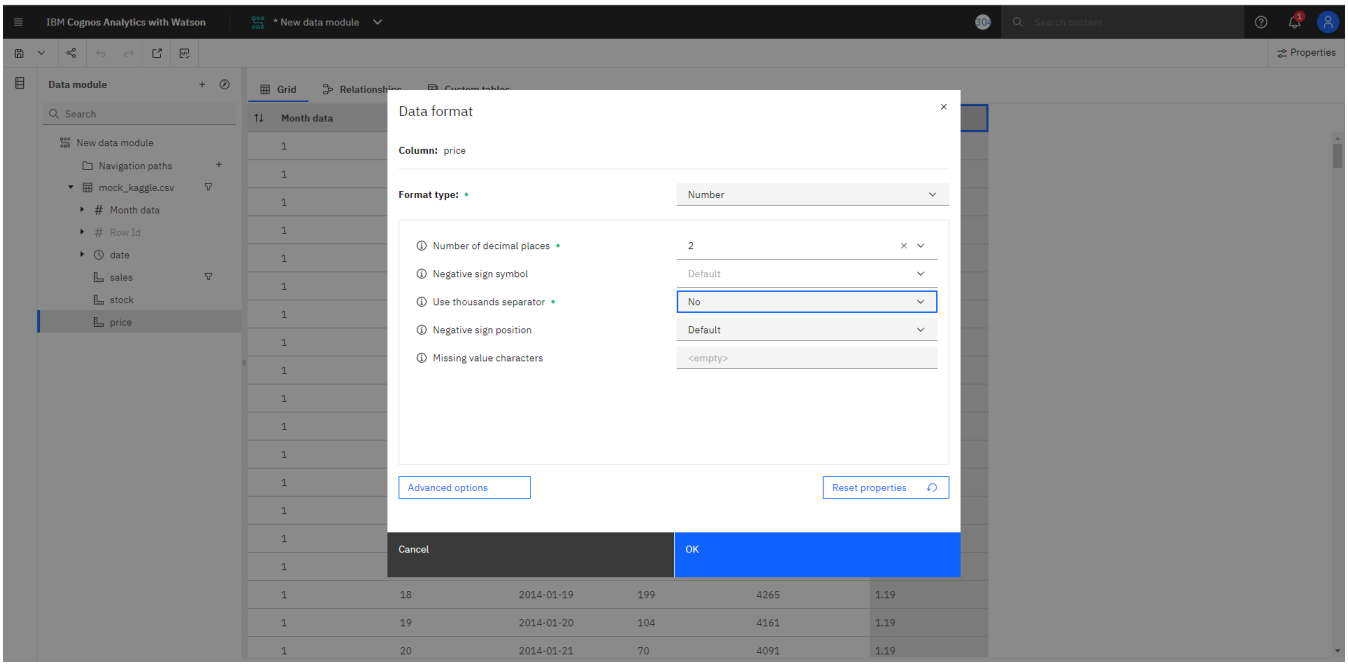
Stock-Data Format:



Sales-Format Data:



Price-Format Data:



Prepared Data link: https://us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&pathRef=.my_folders%2Finventory%2Bmanagement%2Fretail