Project Development Phase
Delivery of Sprint-1

Team ID	PNT2022TMID50868
Project Name	Retail Store Stock Inventory Analytics

ject Development Phase: Sprint-1:

➢ Data Collection

➢ Data Preparation

Sprint-2:

➢ Data Exploration

Sprint-3:

➢ Dashboard Creation

Sprint-4:

➢ Report Creation

➢ Story Creation

TEAM ID: PNT2022TMID20096

Sprint-1:

Data Collection:

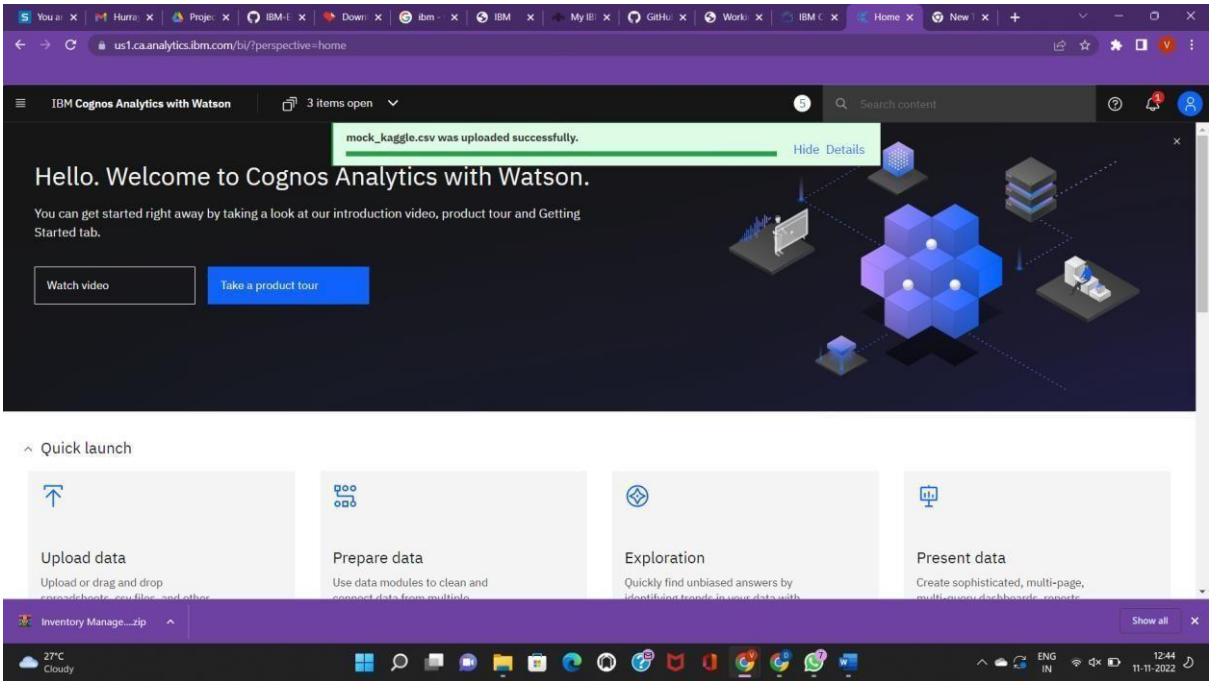
Download the Dataset

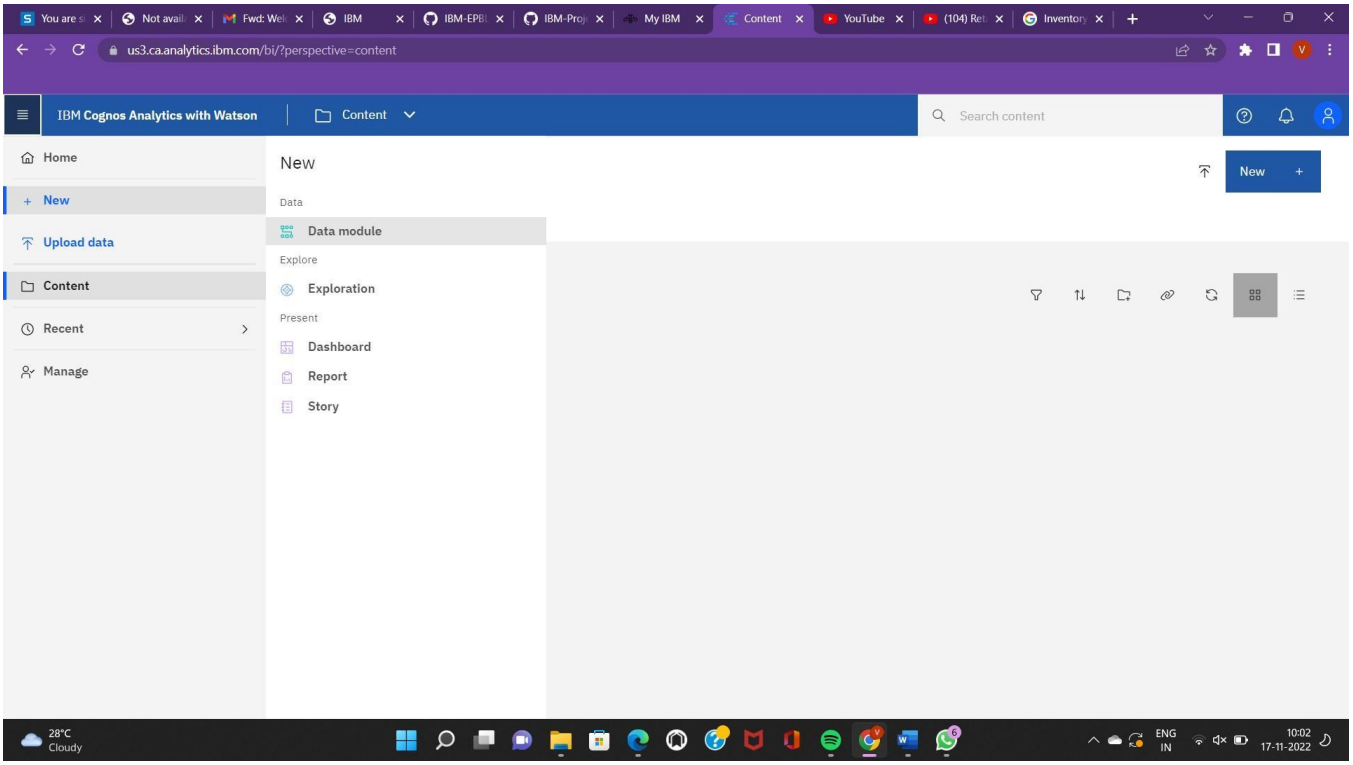
Dataset link -

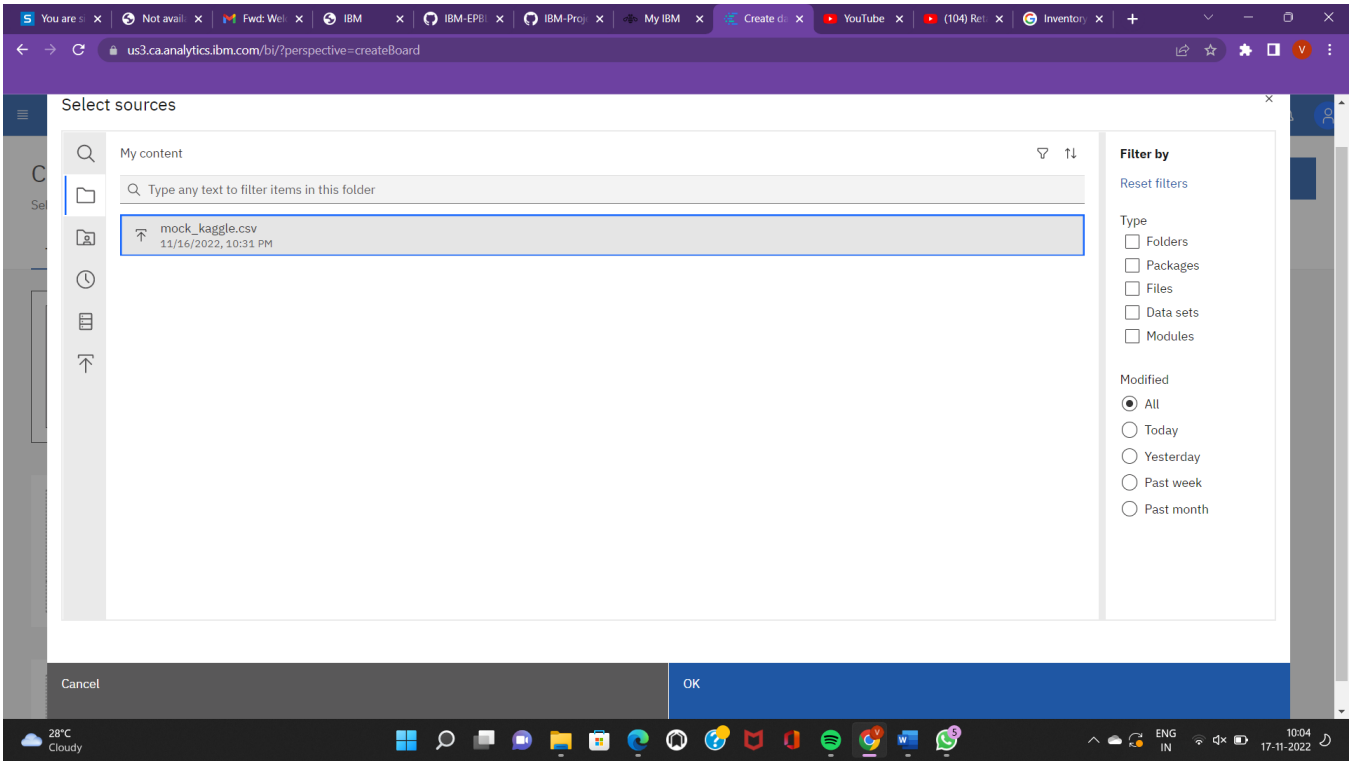
https://drive.google.com/drive/folders/1kiL-5CHJmQvbk9VyFsuUs-myAupBZGNy

Load the Dataset:

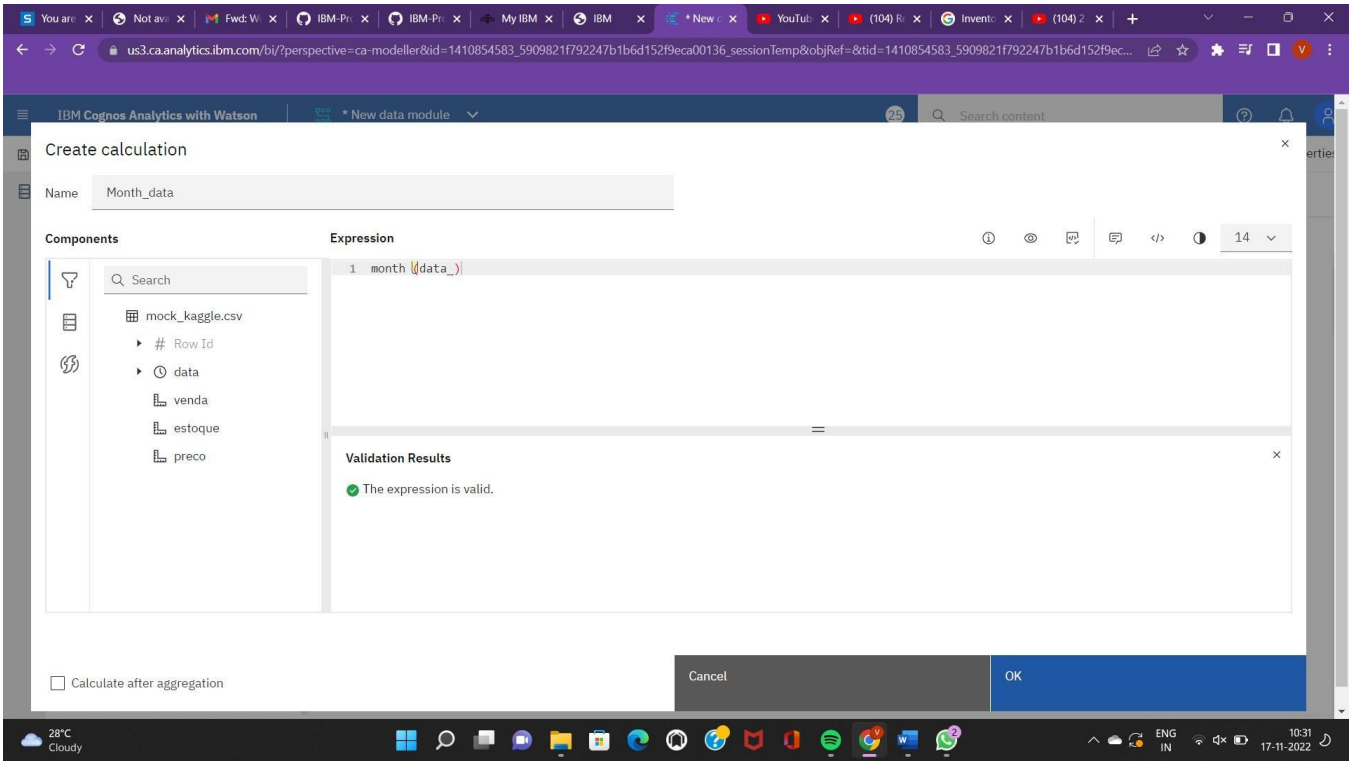
Tool used – IBM Cognos

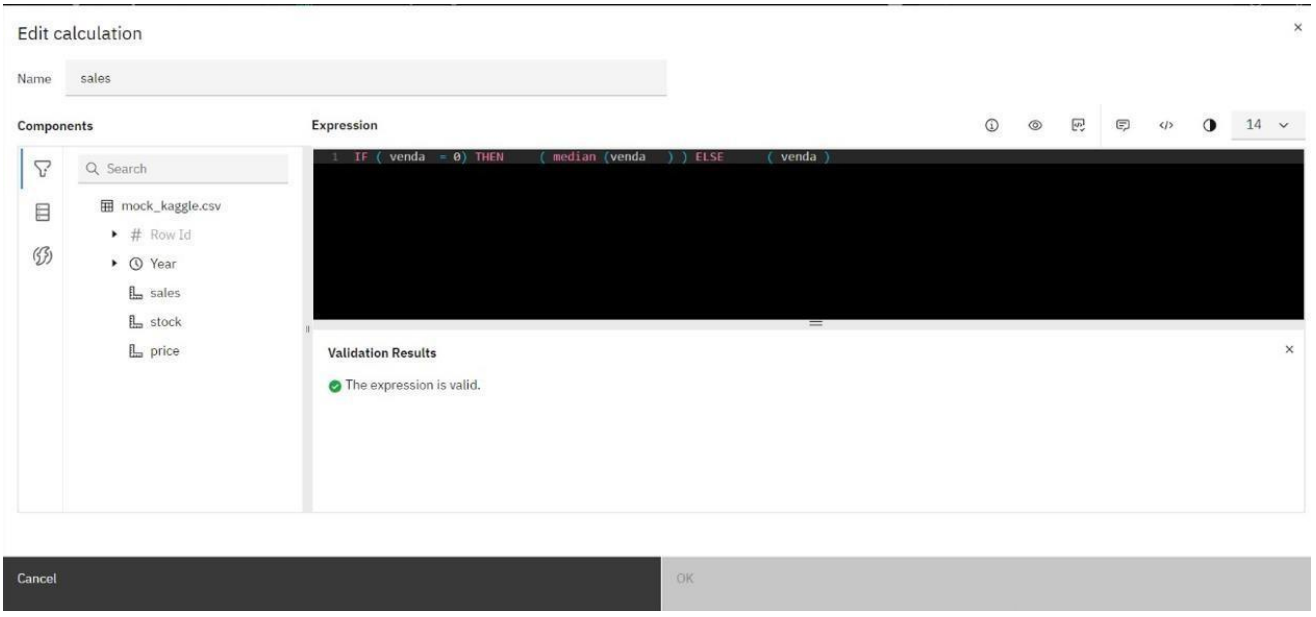


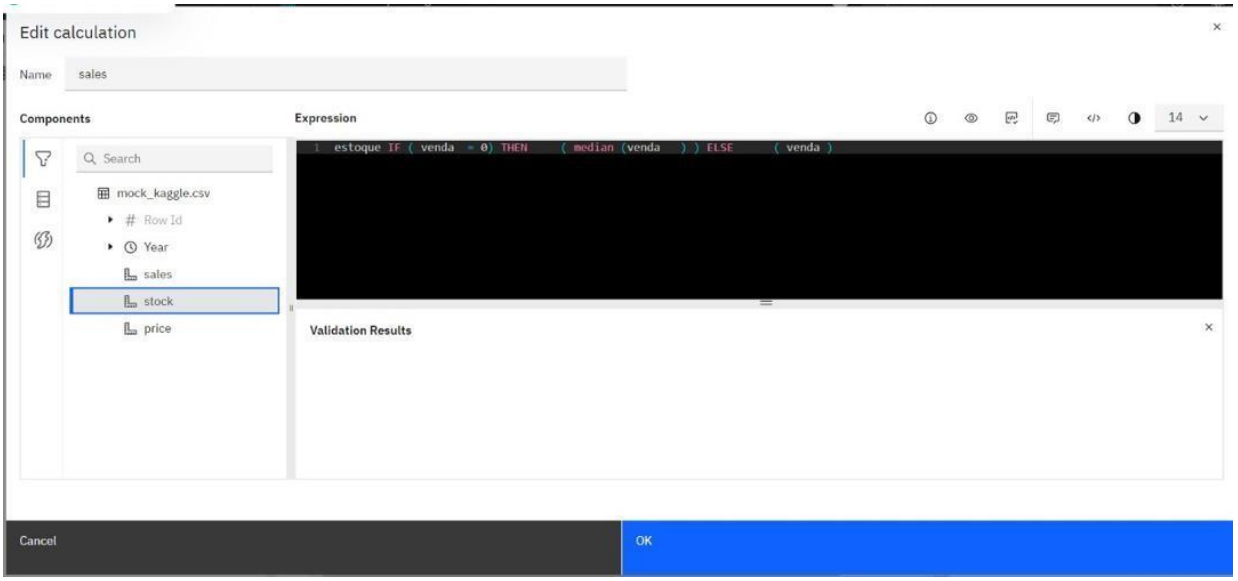

us3.ca.analytics.ibm.com/bi/?perspective=content
IBM Cognos Analytics with Watson
Content
Search content
Home
New
Upload data
Content
Recent
Manage
New
New
Data
Data module
Explore
Exploration
Present
Dashboard
Report
Story

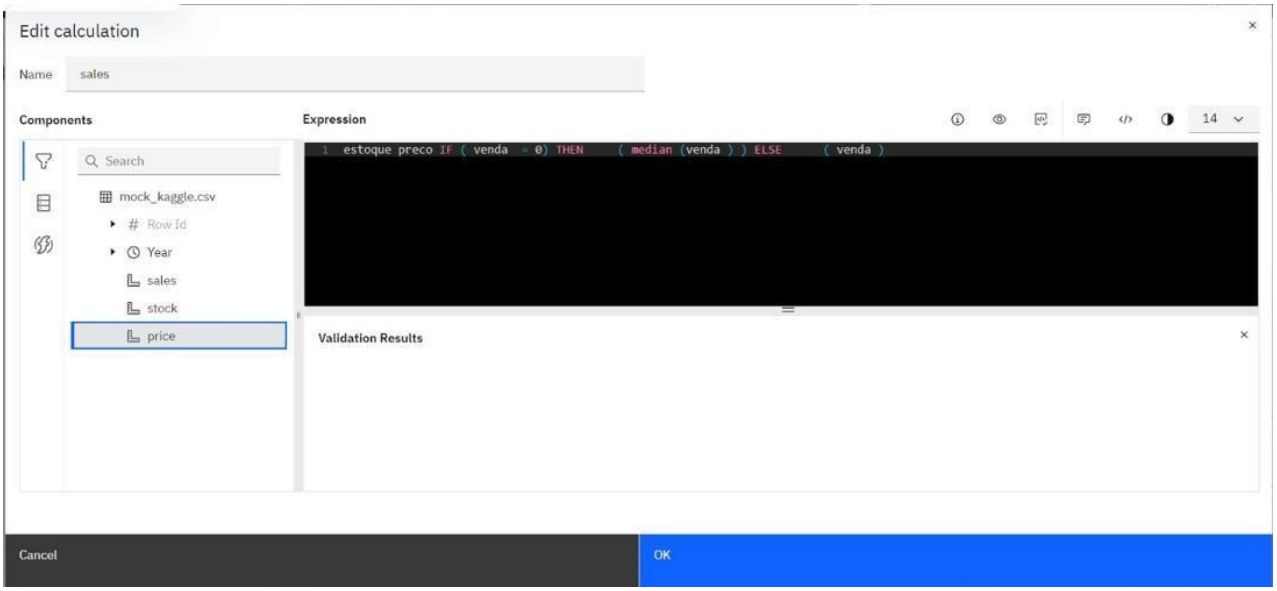

us3.ca.analytics.ibm.com/bi/?perspective=createBoard
Select sources
My content
Type any text to filter items in this folder
mock_kaggle.csv
11/16/2022, 10:31 PM
Filter by
Reset filters
Type
Folders
Packages
Files
Data sets
Modules
Modified
All
Today
Yesterday
Past week
Past month
Cancel
OK

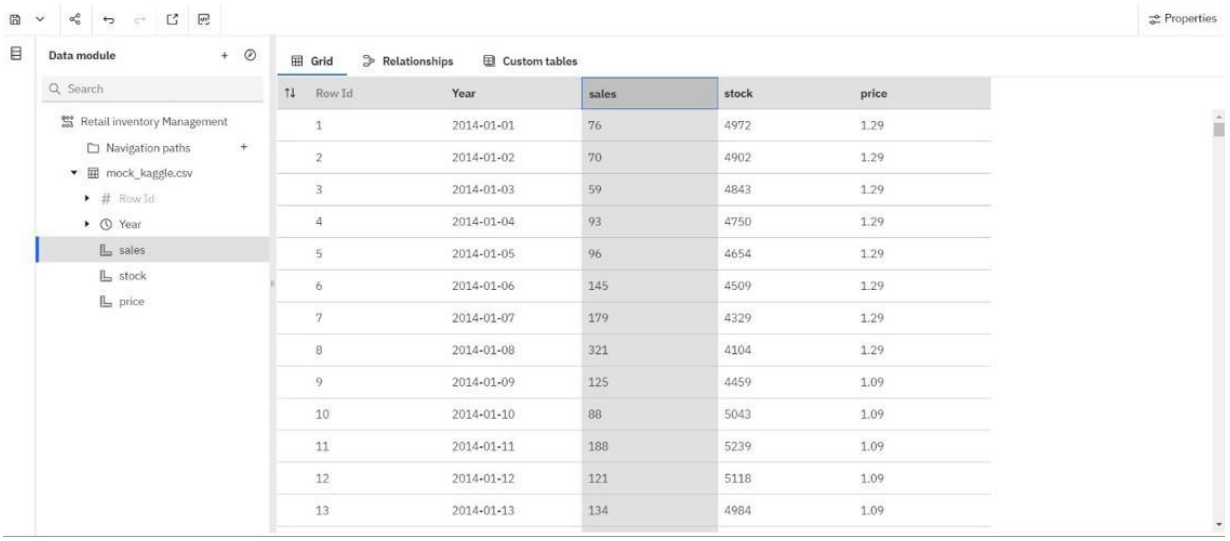
Month data:

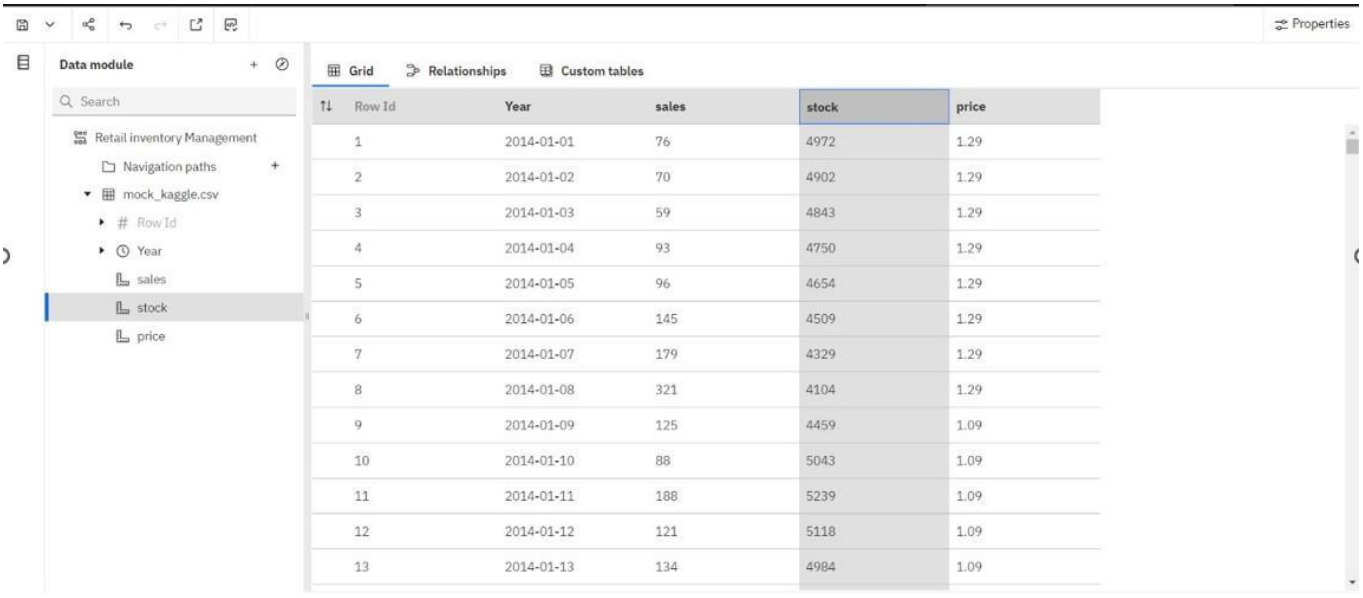

Create calculation
Name
Month_data
Components
Expression
Search
mock_kaggle.csv
Row Id
data
venda
estoque
preco
1 month (data_)
Validation Results
The expression is valid.
Calculate after aggregation
Cancel
OK

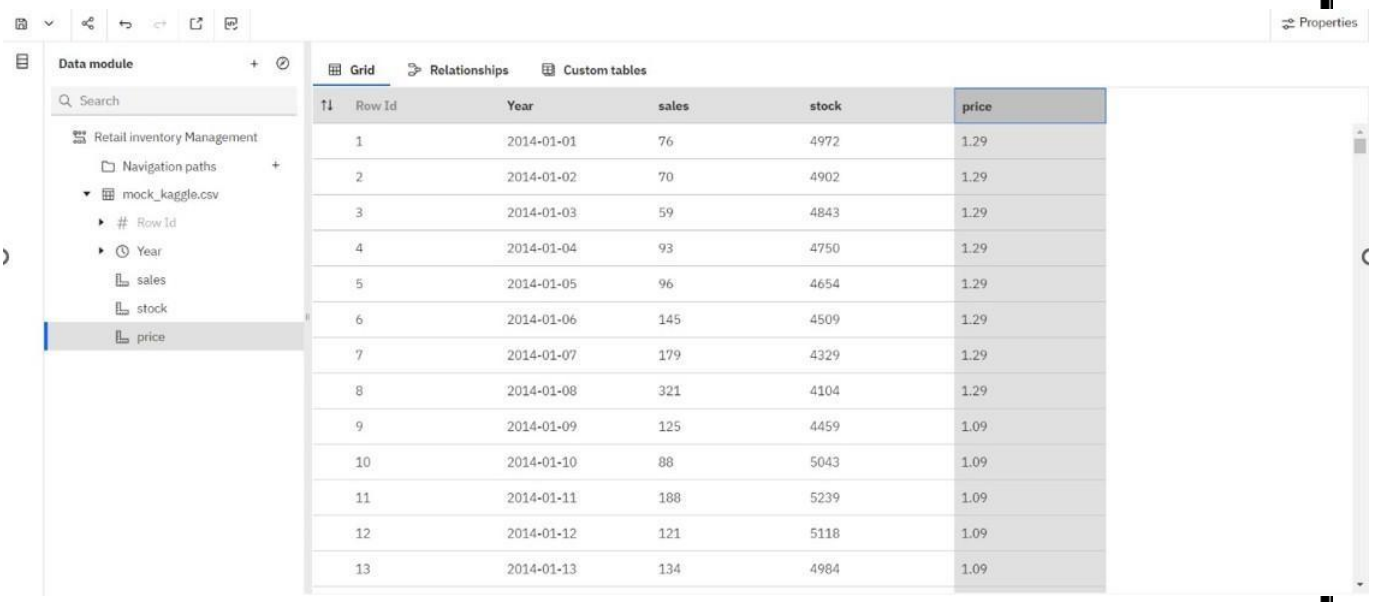

Edit calculation
Name
sales
Components
Expression
Search
mock_kaggle.csv
Row Id
Year
sales
stock
price
1 IF (venda = 0) THEN (median (venda)) ELSE (venda)
Validation Results
The expression is valid.
Cancel
OK


Edit calculation
Name
sales
Components
Expression
14
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
14
Search
mock_kaggle.csv
Row Id
Year
sales
stock
price
estoque preco IF (venda = 0) THEN (median (venda)) ELSE (venda)
Validation Results
Cancel
OK

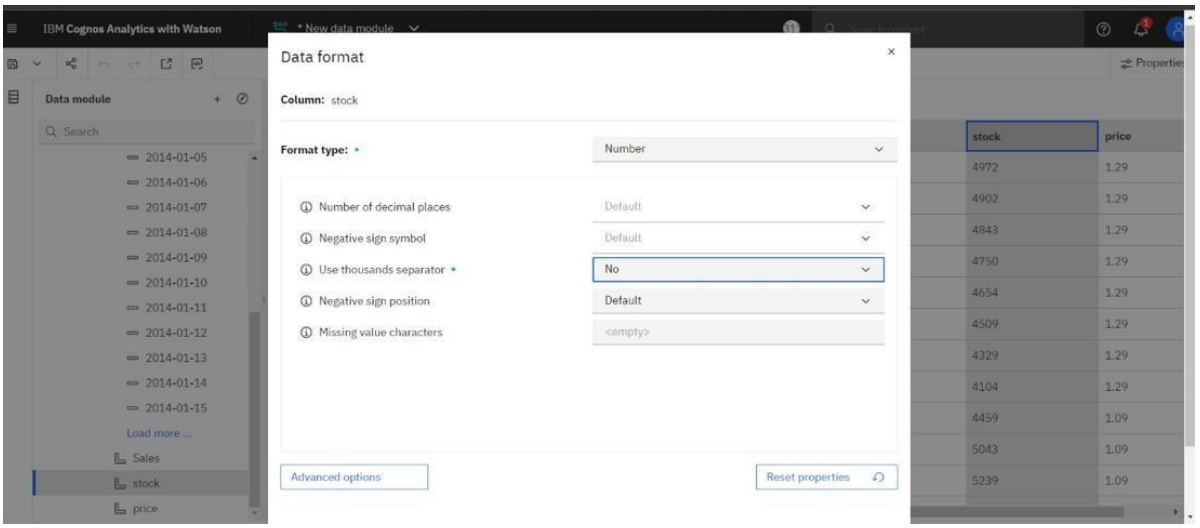

Properties
Data module
Search
Retail inventory Management
Navigation paths
mock_kaggle.csv
Row Id
Year
sales
stock
price
Grid
Relationships
Custom tables
Row Id Year sales stock price
1 2014-01-01 76 4972 1.29
2 2014-01-02 70 4902 1.29
3 2014-01-03 59 4843 1.29
4 2014-01-04 93 4750 1.29
5 2014-01-05 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


Properties
Data module
Search
Retail inventory Management
Navigation paths
mock_kaggle.csv
Row Id
Year
sales
stock
price
Grid
Relationships
Custom tables
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

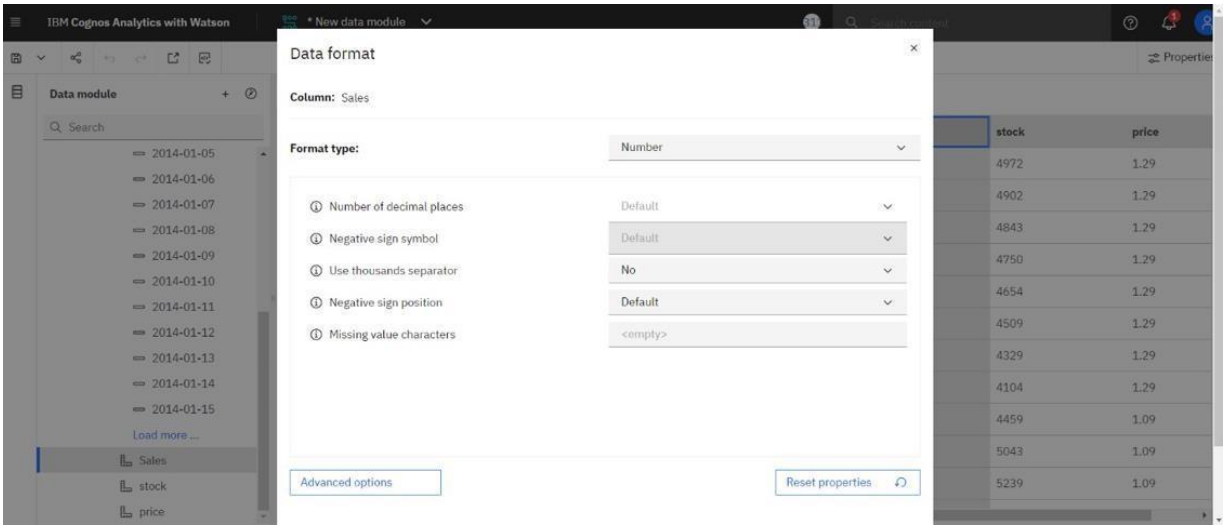


Row Id	Year	sales	stock	price
1	2014-01-01	76	4972	1.29
2	2014-01-02	70	4902	1.29
3	2014-01-03	59	4843	1.29
4	2014-01-04	93	4750	1.29
5	2014-01-05	96	4654	1.29
6	2014-01-06	145	4509	1.29
7	2014-01-07	179	4329	1.29
8	2014-01-08	321	4104	1.29
9	2014-01-09	125	4459	1.09
10	2014-01-10	88	5043	1.09
11	2014-01-11	188	5239	1.09
12	2014-01-12	121	5118	1.09
13	2014-01-13	134	4984	1.09

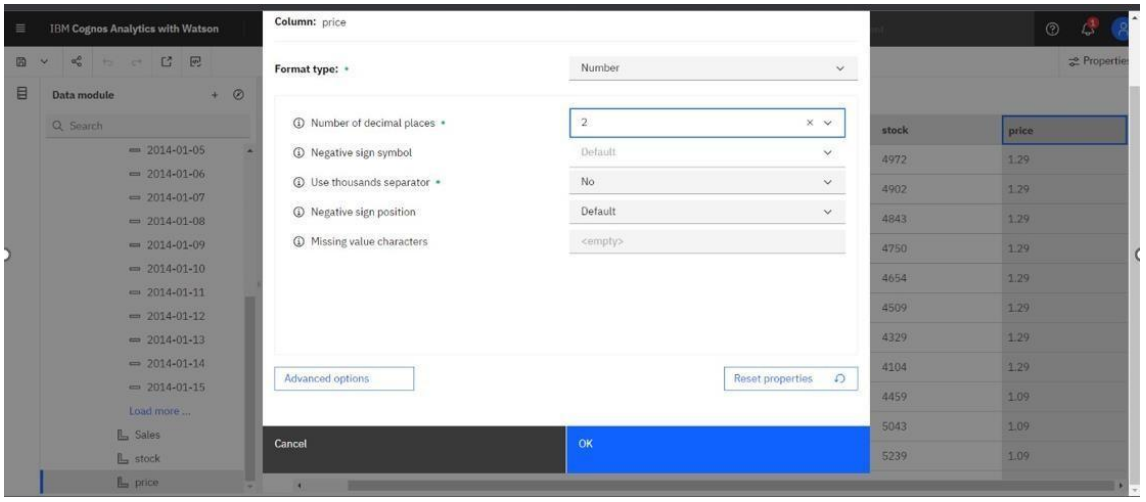
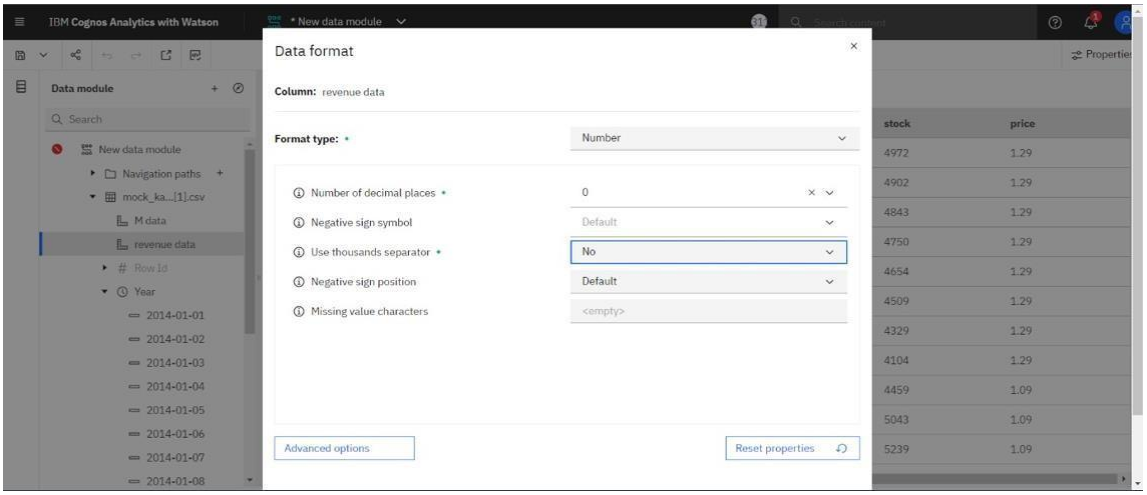
Stock-Format Data:



Sales-Format Data:



Price-Format Data:



Revenue-Format Data: