Project Development Phase

Delivery of Sprint-1

Date	29 October 2022
Team ID	PNT2022TMID52442
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

Retail Store Stock Inventory Analytics

Sprint-1:

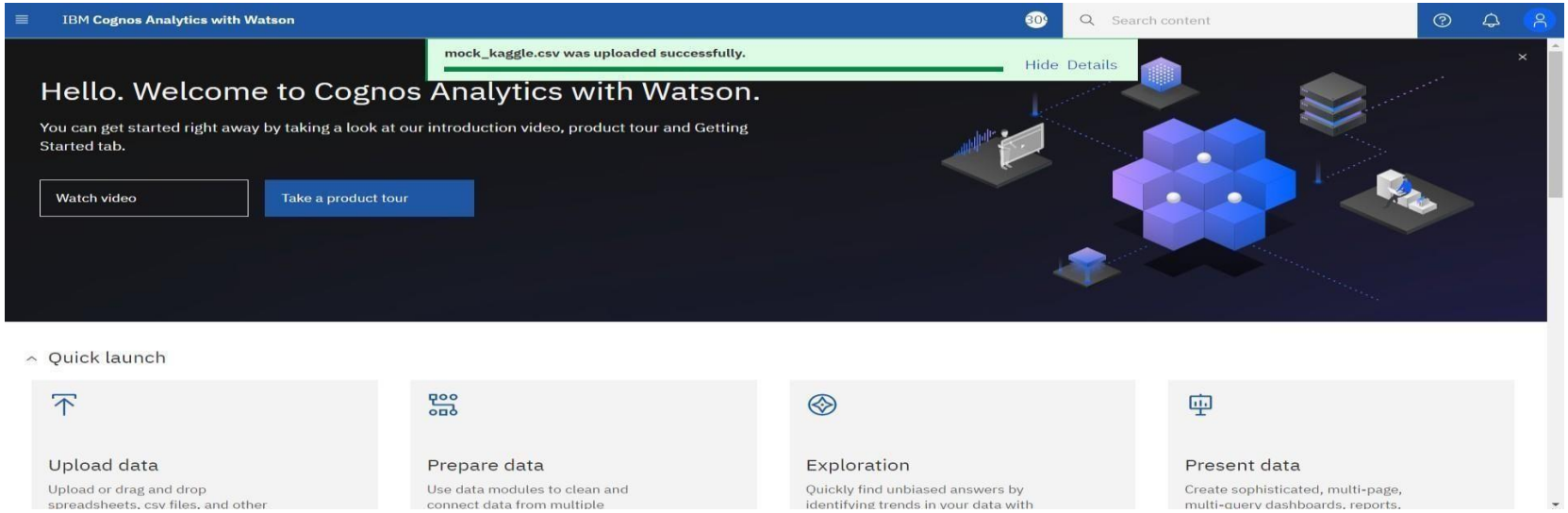
Data Collection:

Download the Dataset

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

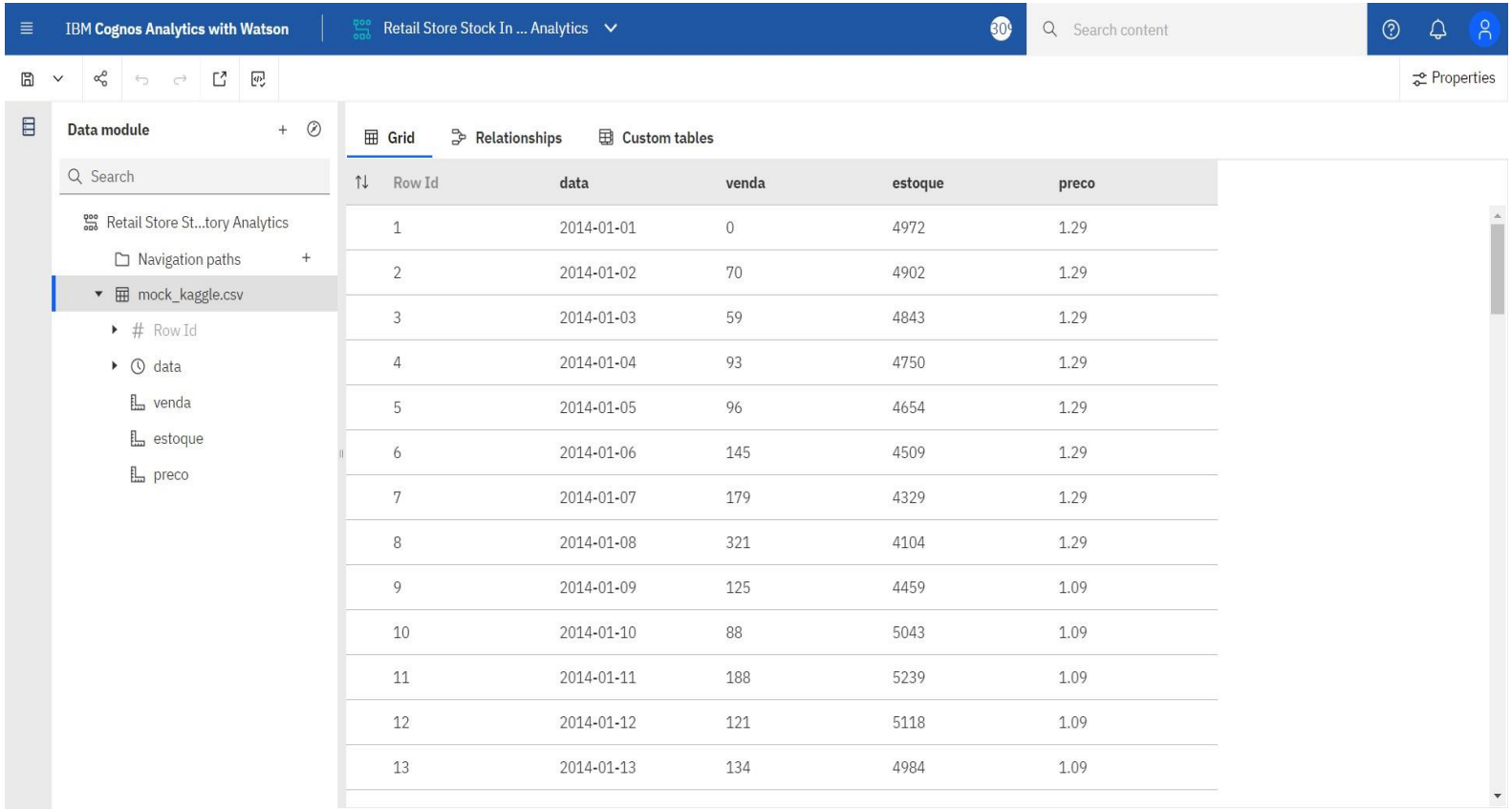
Load the Dataset:

Tool used – IBM Cognos



Data Preparation:

Prepare the Dataset


IBM Cognos Analytics with Watson
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Search content
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Data module
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Navigation paths
mock_kaggle.csv
Row Id
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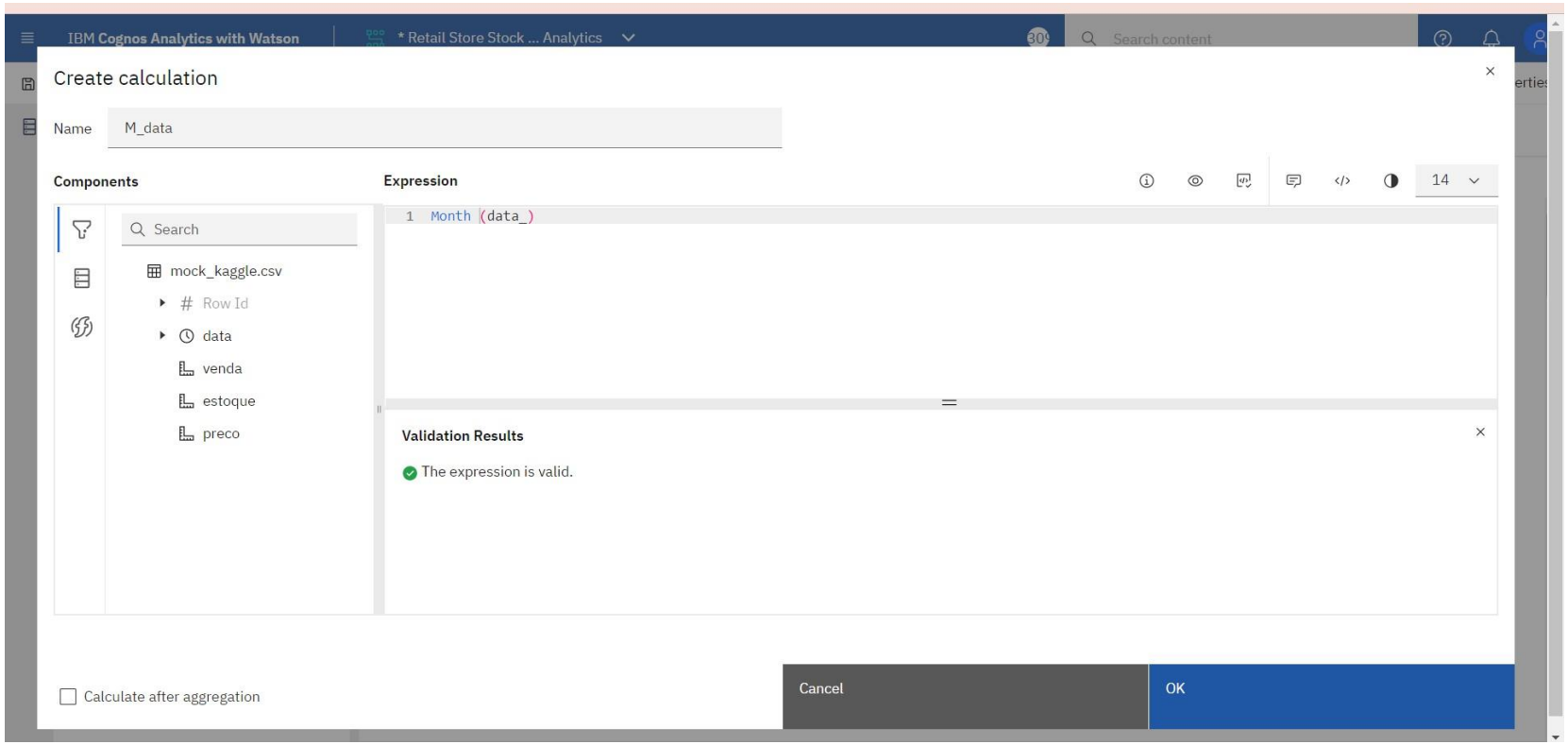
1 2014-01-01 0 4972 1.29
2 2014-01-02 70 4902 1.29
3 2014-01-03 59 4843 1.29
4 2014-01-04 93 4750 1.29
5 2014-01-05 96 4654 1.29
6 2014-01-06 145 4509 1.29
7 2014-01-07 179 4329 1.29
8 2014-01-08 321 4104 1.29
9 2014-01-09 125 4459 1.09
10 2014-01-10 88 5043 1.09
11 2014-01-11 188 5239 1.09
12 2014-01-12 121 5118 1.09
13 2014-01-13 134 4984 1.09

Month data: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	1	1	2014-01-0i		^972	1.29
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	1	3	2014-01-03	59	^843	1.29
	1	4	2014-01-04	93	^750	1.29
	1	5	2014-01-05	96	4654	1.29

JL, estoque	ii	1	6	2014-01-06	14ɔ	4509	1.29
		1	7	2014-01-07	179	4329	1.29
preco							
			8 1	2014-01-08	321	^104	1.29
		1	9	2014-01-09	125	4489	1.09
		1	10	201%0110	B8	5043	1.09
		1		**2014-01-11**	188	5239	1.09 11
			12		121	5118	1.09
		1		2014-01-12			
		1	13	**2014-01-13**	134	984	1.09

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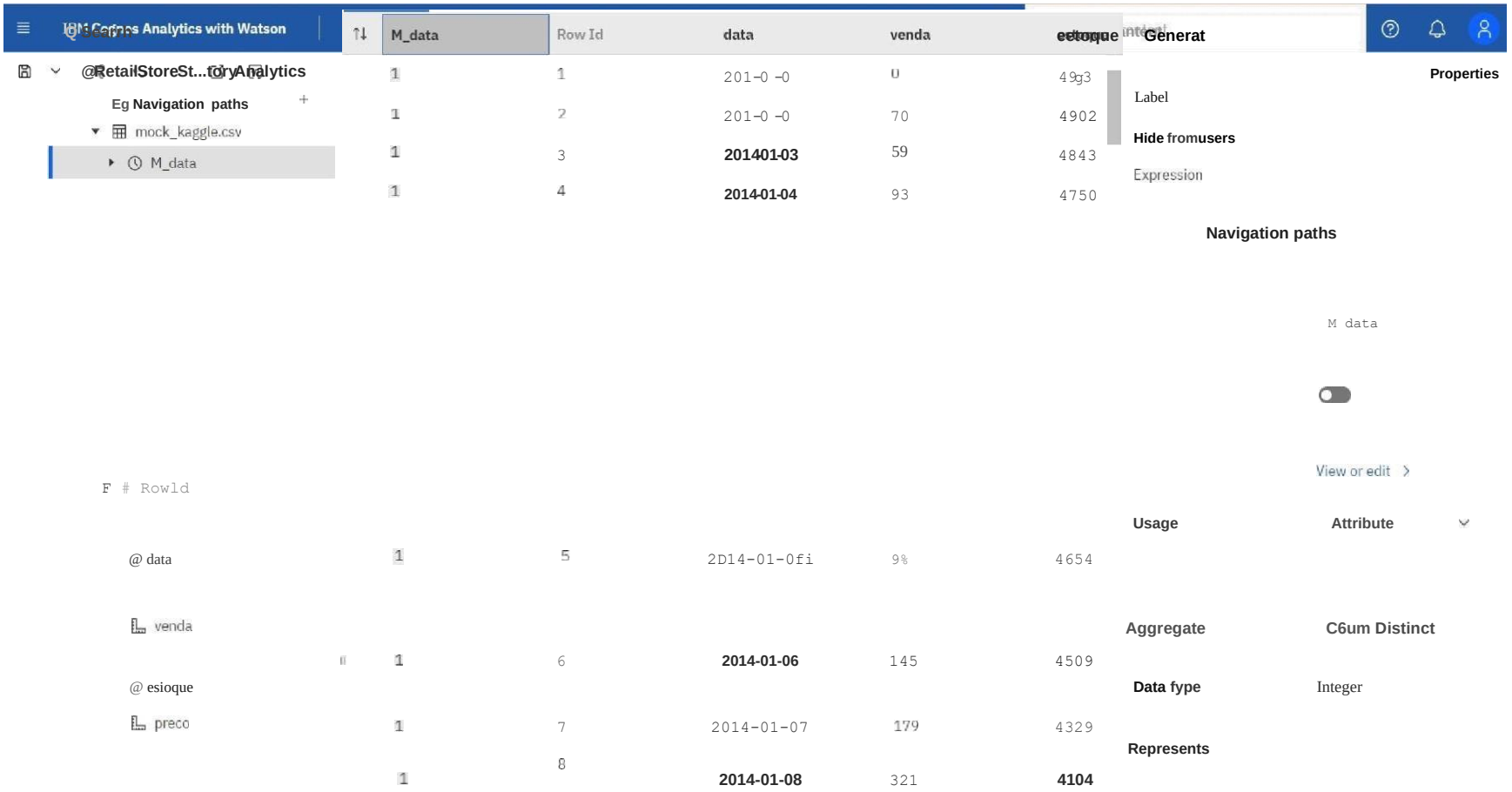
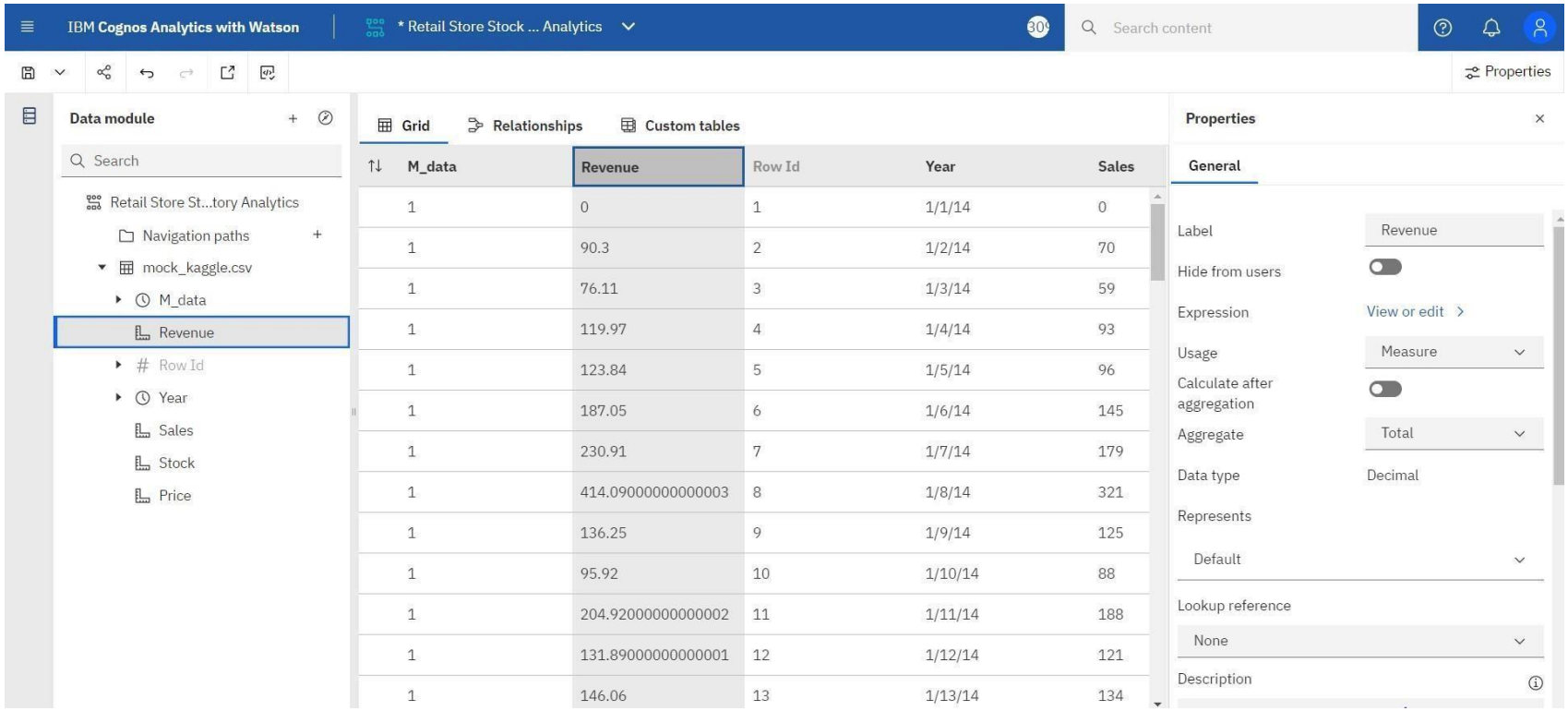


1	9	2014-01-09	125	4459	Time
1	10	2014-01-1O	88	5043	i'•ionth
1	11	2014-01-11	188	5239	Description
1	12	2014-01-S2	In	5118	
1	13	2D14-01-13	134	4RB4	

Revenue data: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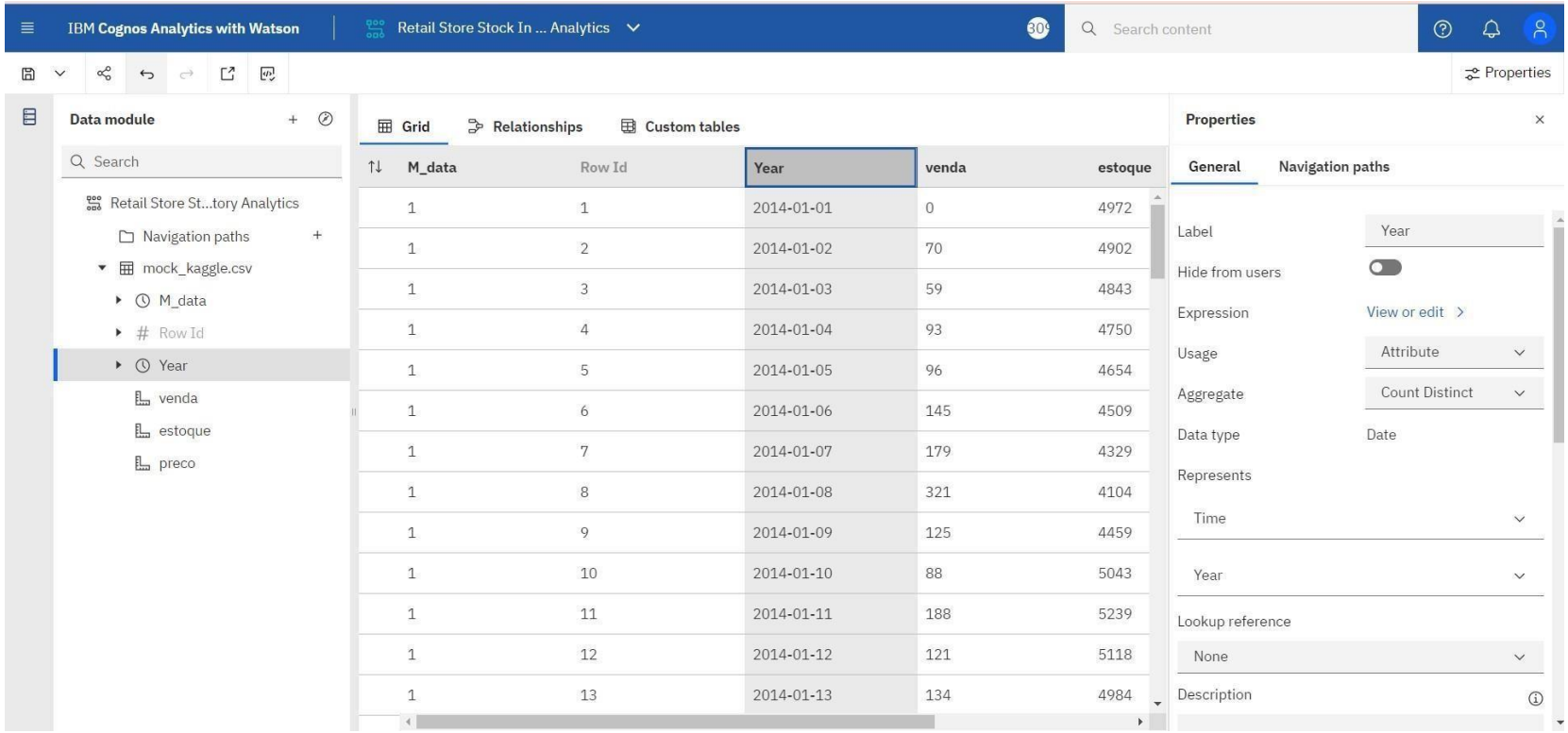
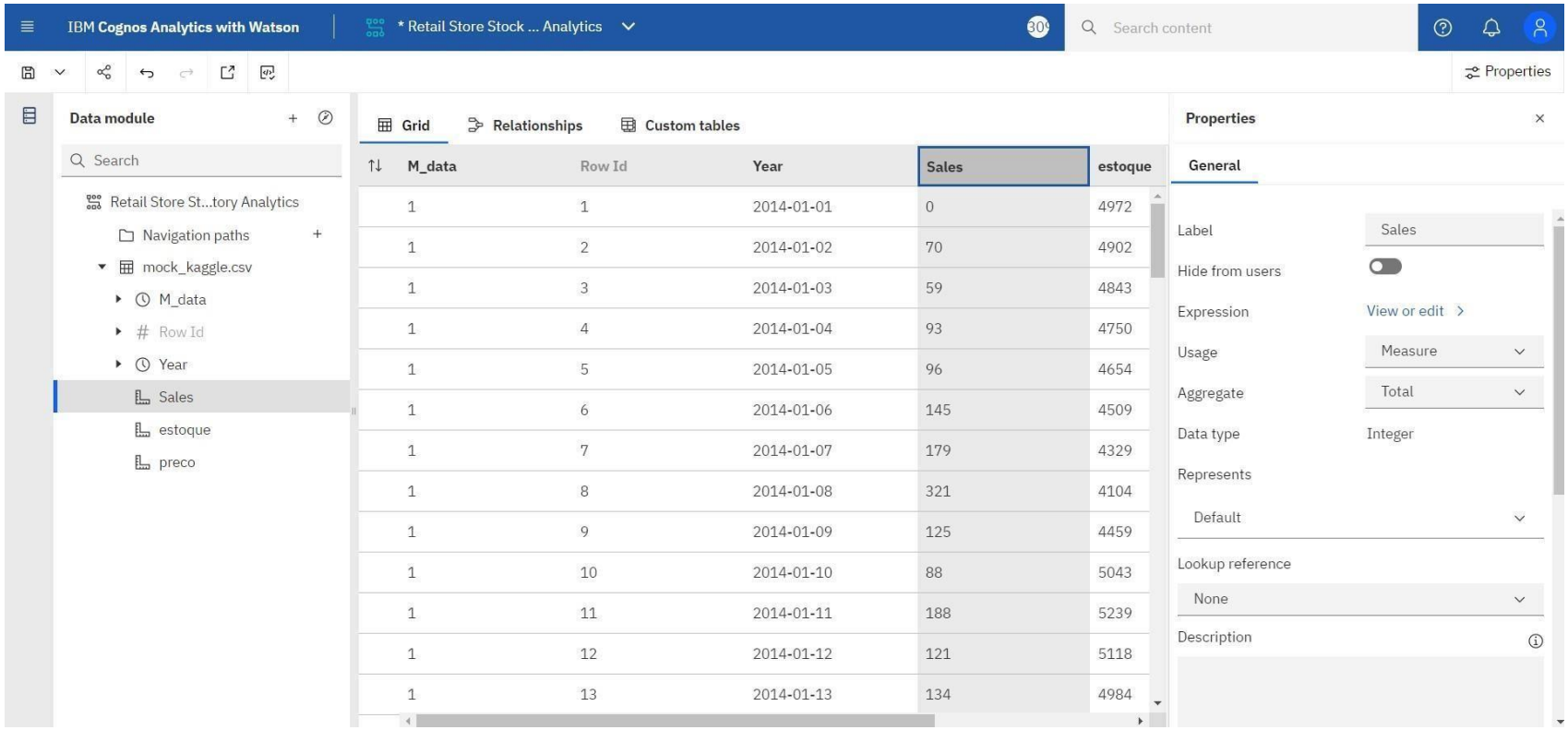
1 0 1 1/1/14 0
1 90.3 2 1/2/14 70
1 76.11 3 1/3/14 59
1 119.97 4 1/4/14 93
1 123.84 5 1/5/14 96
1 187.05 6 1/6/14 145
1 230.91 7 1/7/14 179
1 414.09000000000003 8 1/8/14 321
1 136.25 9 1/9/14 125
1 95.92 10 1/10/14 88
1 204.92000000000002 11 1/11/14 188
1 131.89000000000001 12 1/12/14 121
1 146.06 13 1/13/14 134
Properties
General
Label
Revenue
Hide from users
Expression
View or edit
Usage
Measure
Calculate after aggregation
Aggregate
Total
Data type
Decimal
Represents
Default
Lookup reference
None
Description

Year data:



Sales data: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1 2 2014-01-02 70 4902
1 3 2014-01-03 59 4843
1 4 2014-01-04 93 4750
1 5 2014-01-05 96 4654
1 6 2014-01-06 145 4509
1 7 2014-01-07 179 4329
1 8 2014-01-08 321 4104
1 9 2014-01-09 125 4459
1 10 2014-01-10 88 5043
1 11 2014-01-11 188 5239
1 12 2014-01-12 121 5118
1 13 2014-01-13 134 4984
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Data type
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Lookup reference
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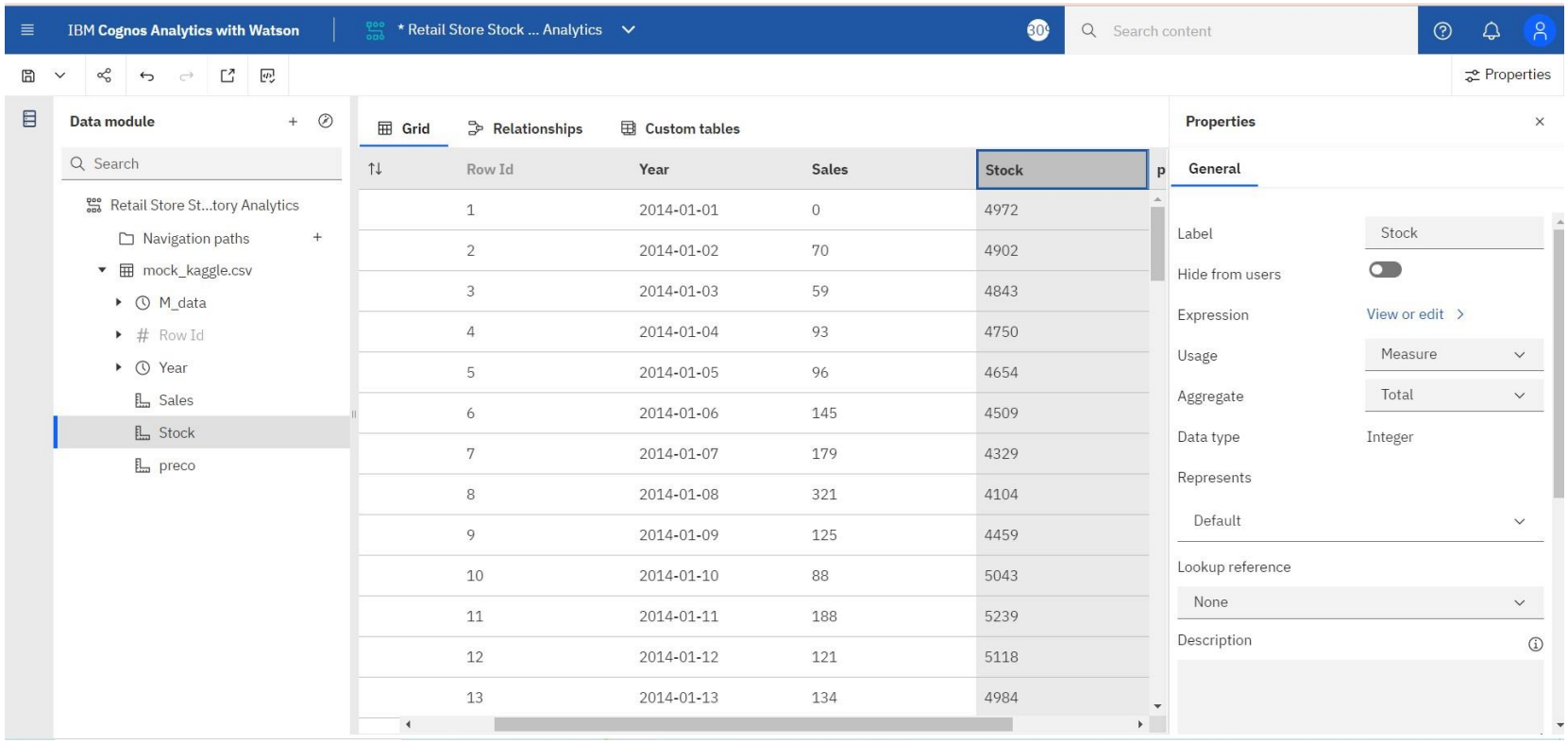
Stock data: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7 2014-01-07 179 4329
8 2014-01-08 321 4104
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11 2014-01-11 188 5239
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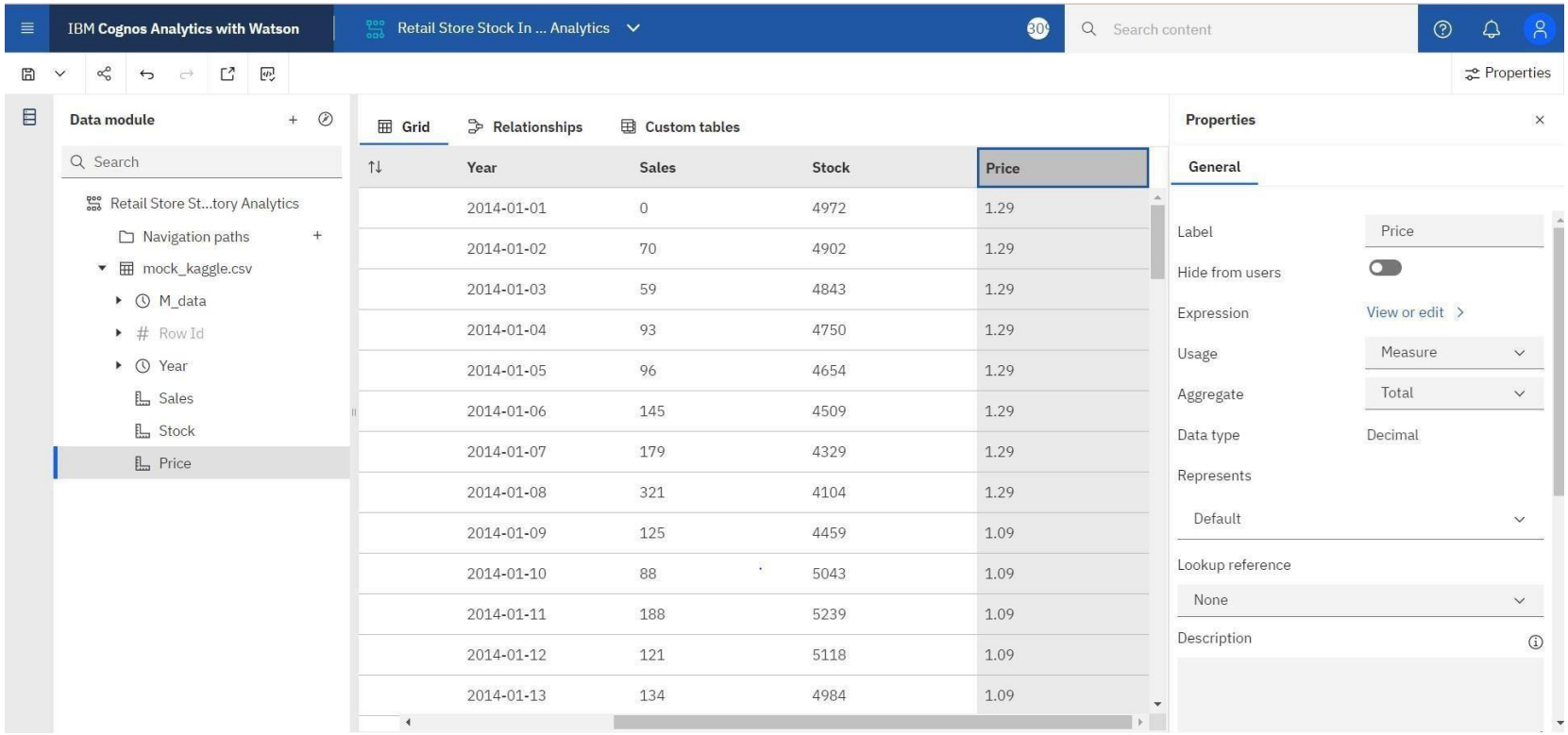
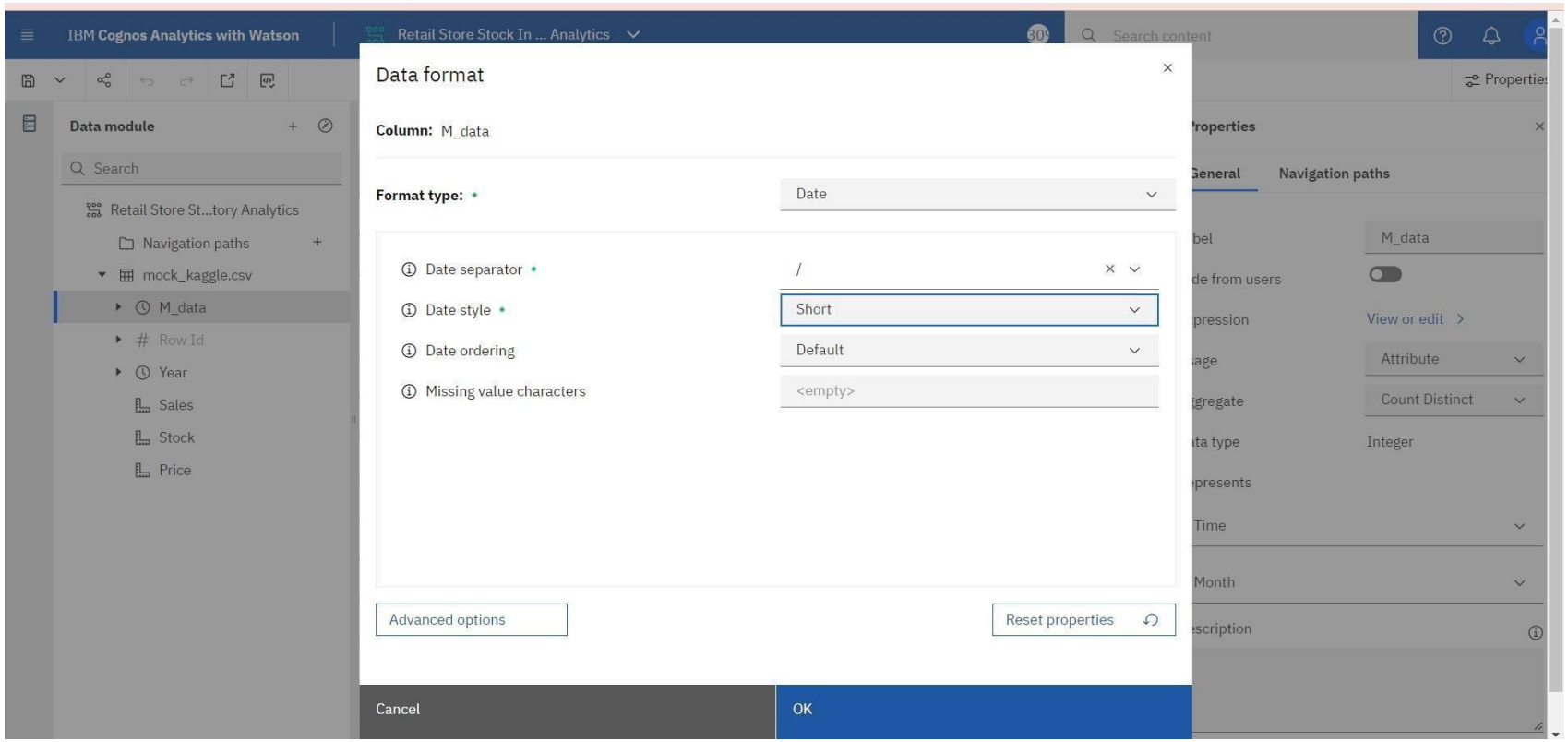
Price data:



Month-Format Data: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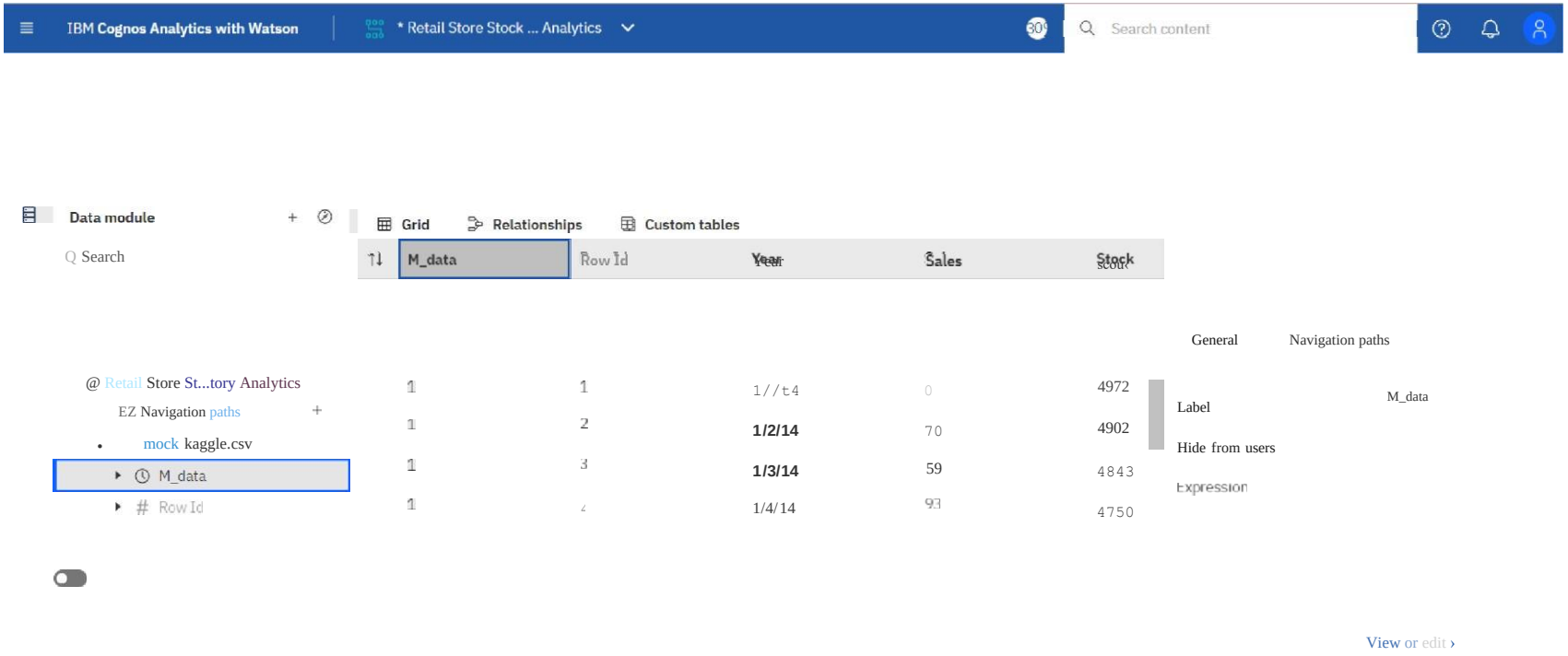
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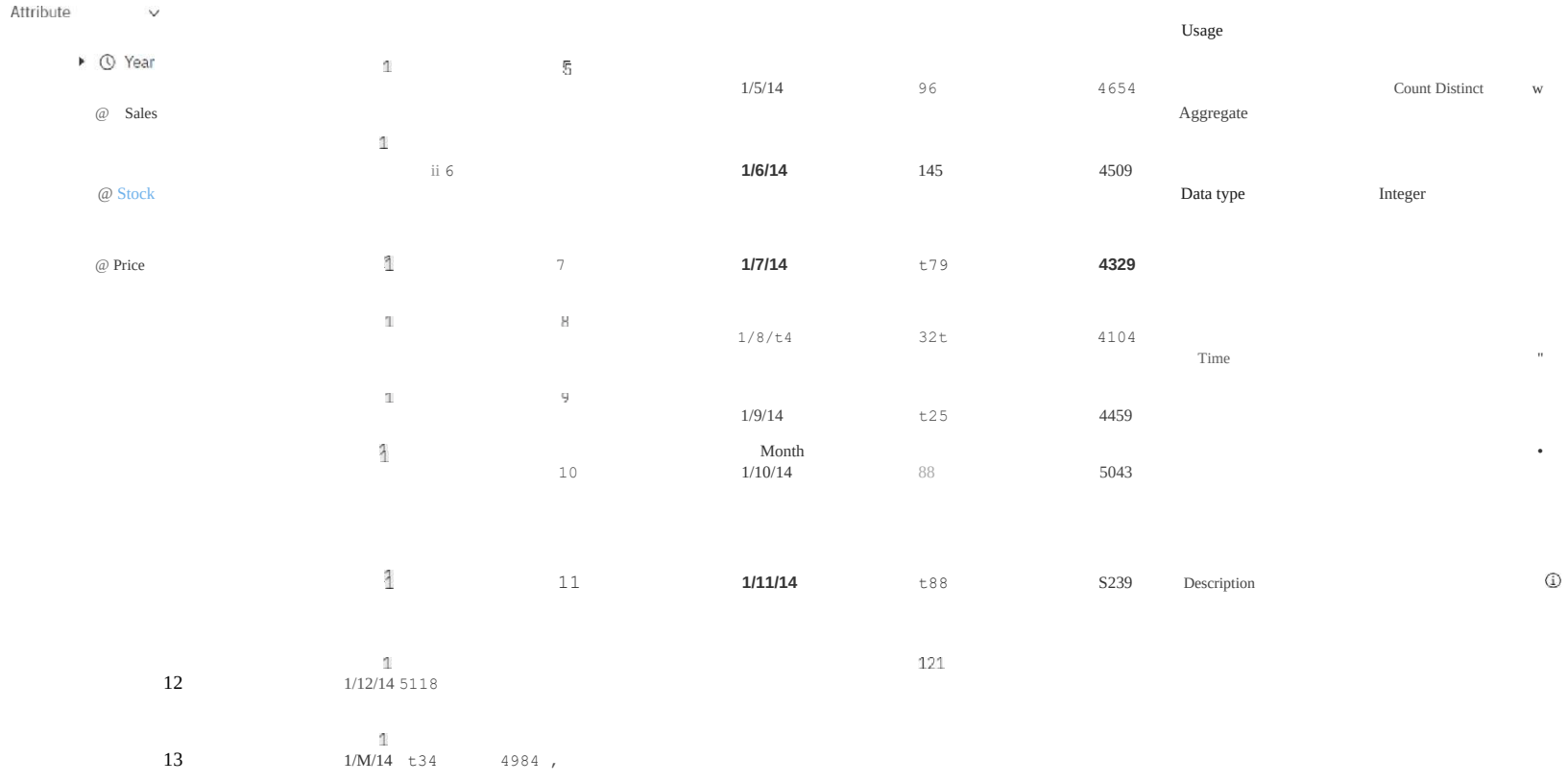
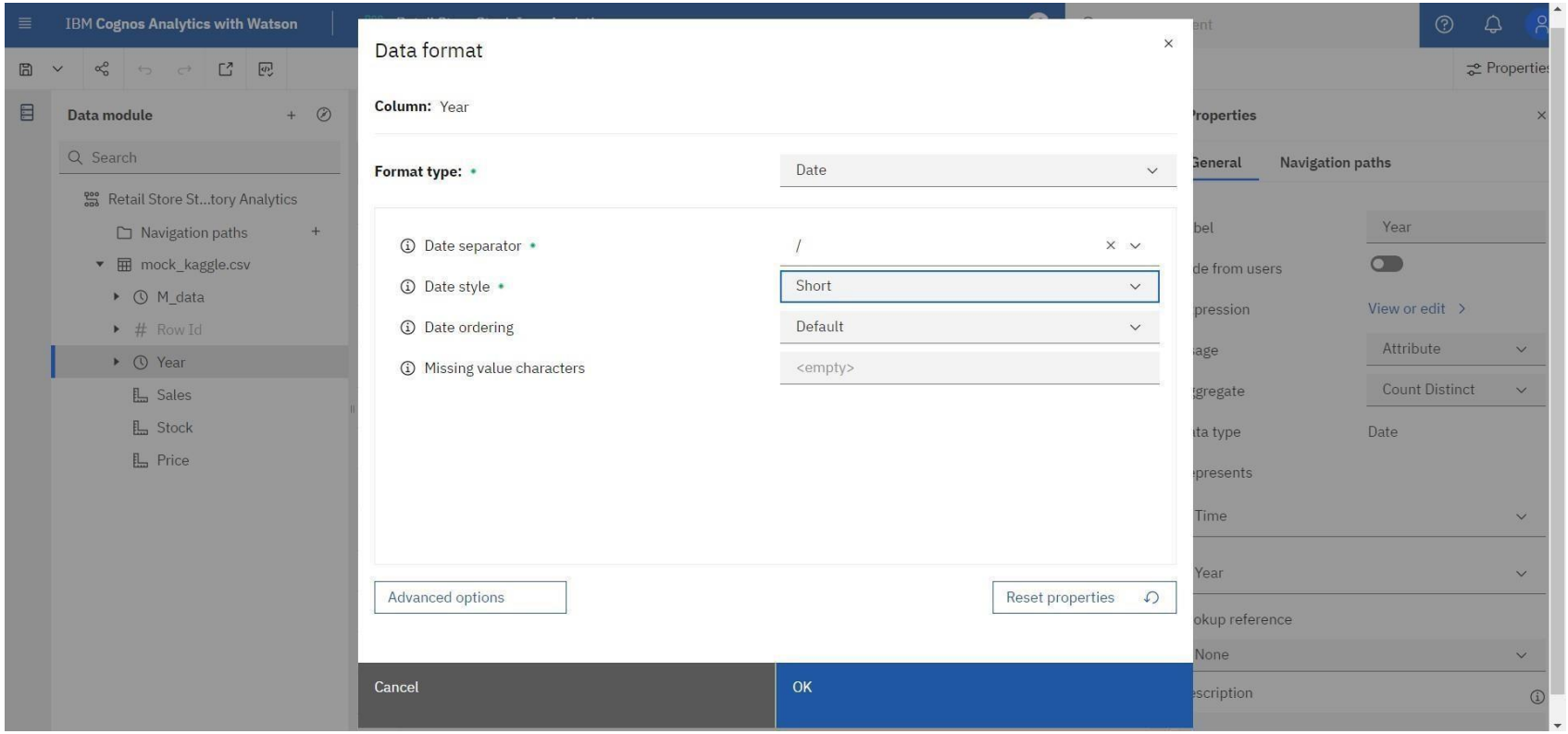
Expression
View or edit



Year-Format Data: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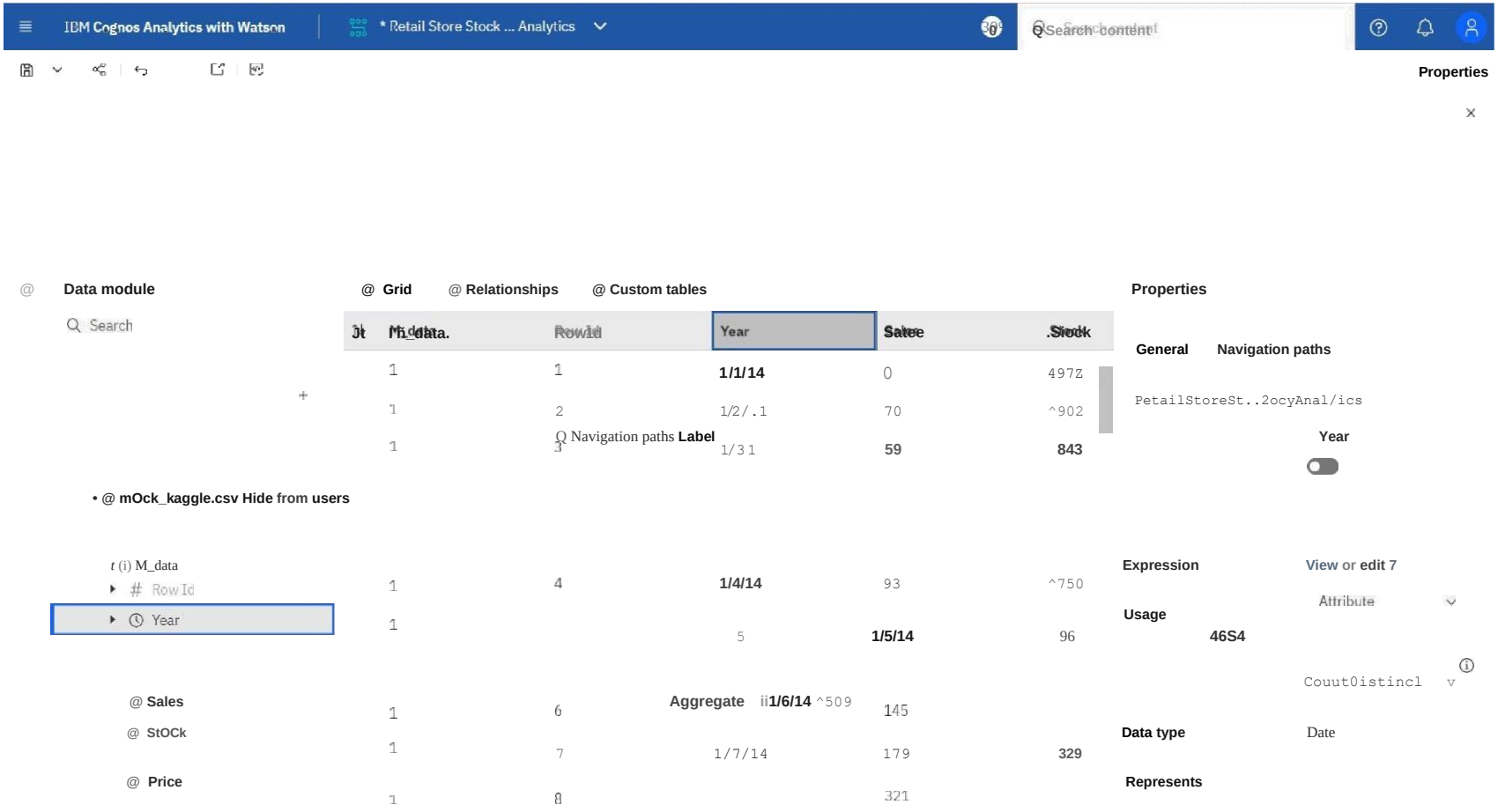
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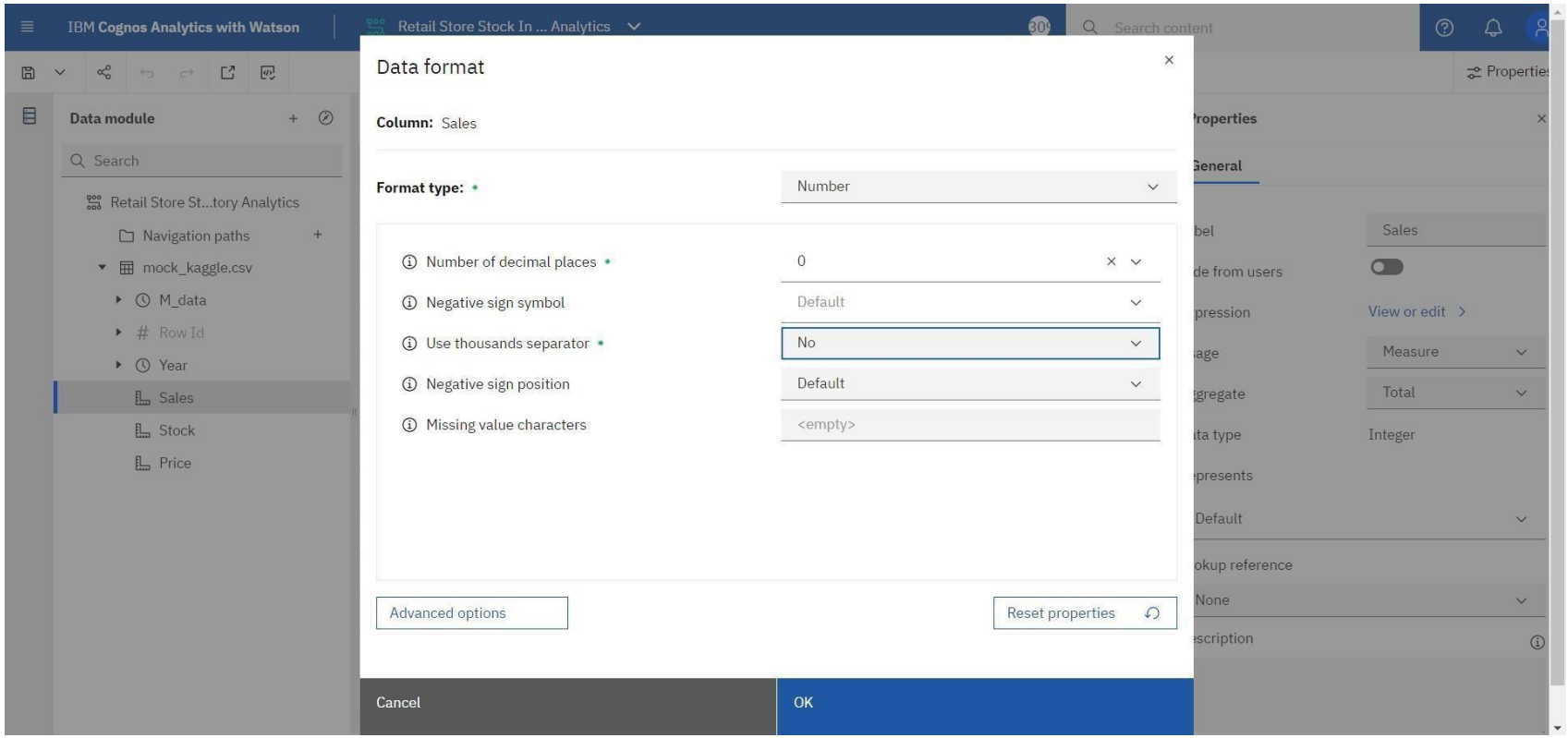
		1/8/14		^104	**Time**	**v**
1	9	**1/9/14**	**125**	^459		
1	10	**1/10/14**	88	**5043**	**Year**	**v**
1	11	1j11/1é-	188	*****'**	**Lookup reference**	
1	12	1/12/,14	121	5118	None	
1	**13**	1/13/14	134	**984**	**Description**	

Sales-Format Data:


IBM Cognos Analytics with Watson
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mock_kaggle.csv
M_data
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Data format
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Format type: *
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IBM Cognos Analytics with Watson
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M_data	Row Id	Year	Sales	Stock
1	1	1/1/t4	0	4972
1	2	1/2/t4	70	4902
1	3	1/3/14	59	4843
1	4	**1/4/14**	93	4750
1	5	**1/5/14**	96	4654
1	6	1/6/t4	145	4509
	7	1/7/14	**179**	4329
1	8	1/8/14	321	4104
1	9	**1/9/14**	**125'**	4459
1	Lookup reference **1/10/14**	5043		88
1	11	1/11/14	1B8	5239

General

Label Sales

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Expression

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Data type Integer

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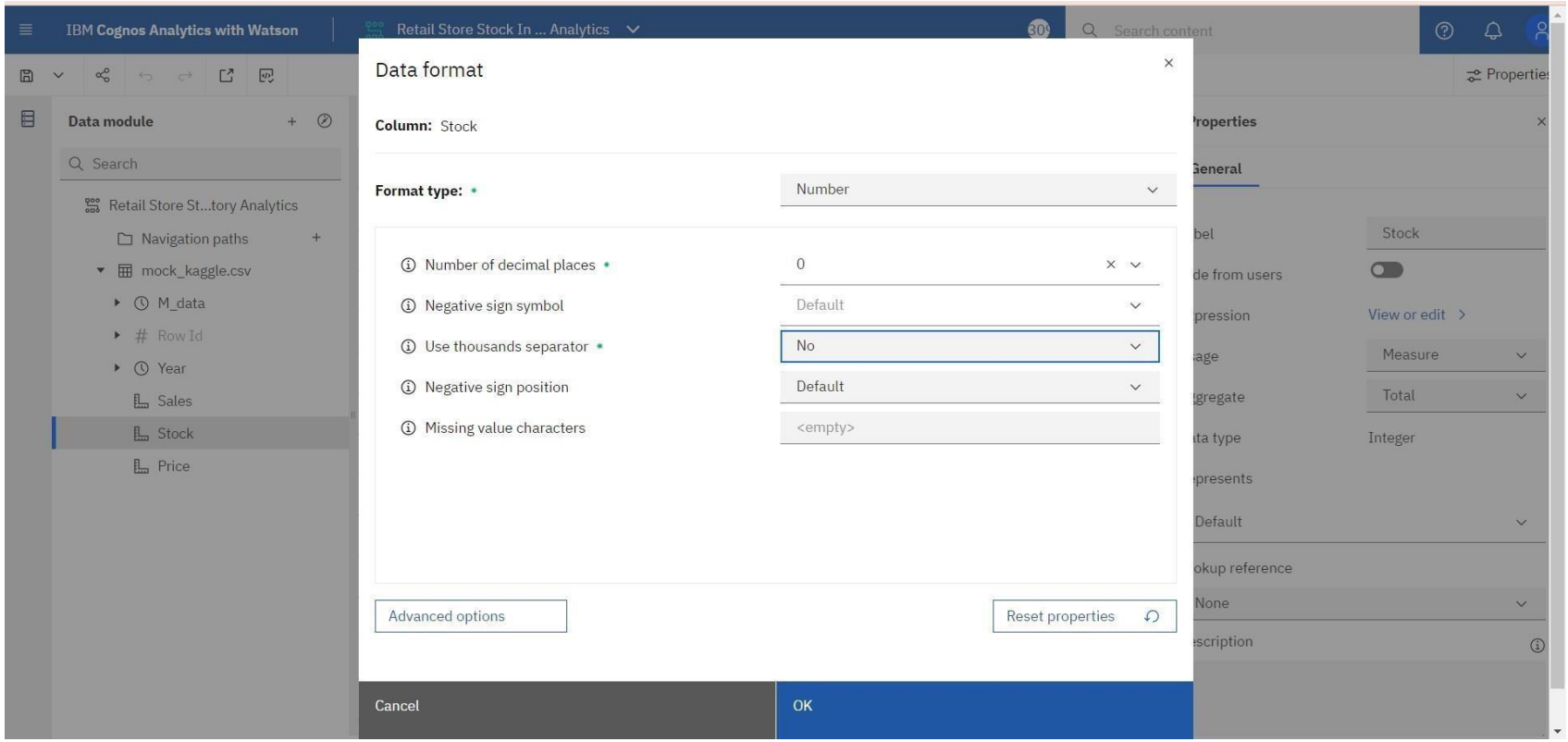
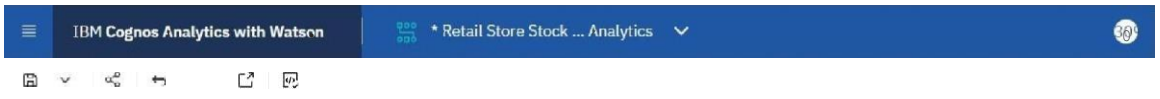
Description

1	12	1/12/14	121	S118
1	13	1/M/14	134	4984 ,

Stock-Format Data:





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Row Id	Yeai	saes	Stock
1	1/1/14	0	4972
	1/2/14	70	490;2
3	1/3/J4	59	4843
4	1/4/14	9S	4750
5	1/5/14	96	4654
6	1/6/14	ii L45	4509
7	1/7/14	179	4329
8	1/8/14	321	#104
9	1/9/14	125	445'?
10	1/10/14	88	5043
11	1/11/14	18B	5239
12	1/12/14	i21	51.18

P General

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Properties

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Lookup reference

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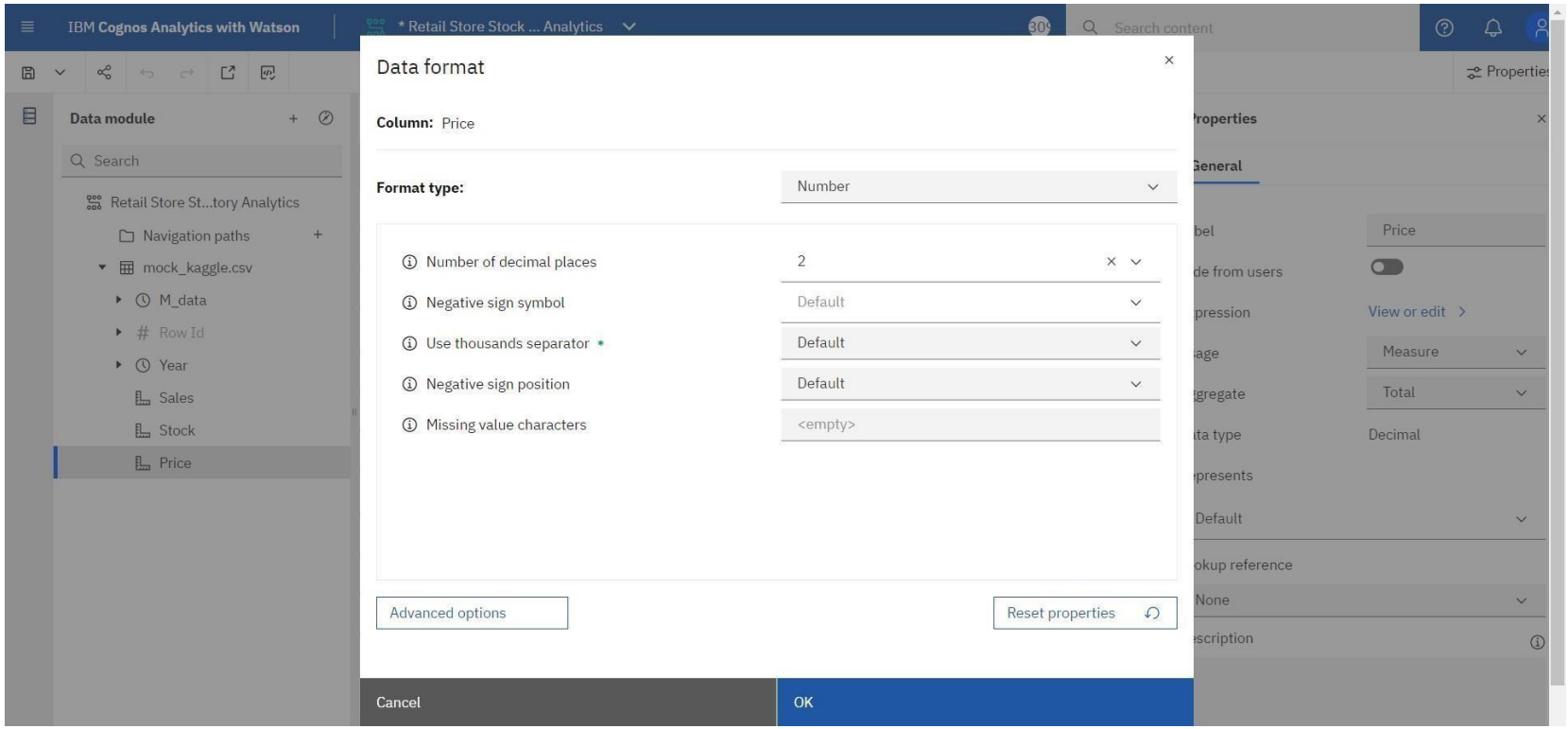
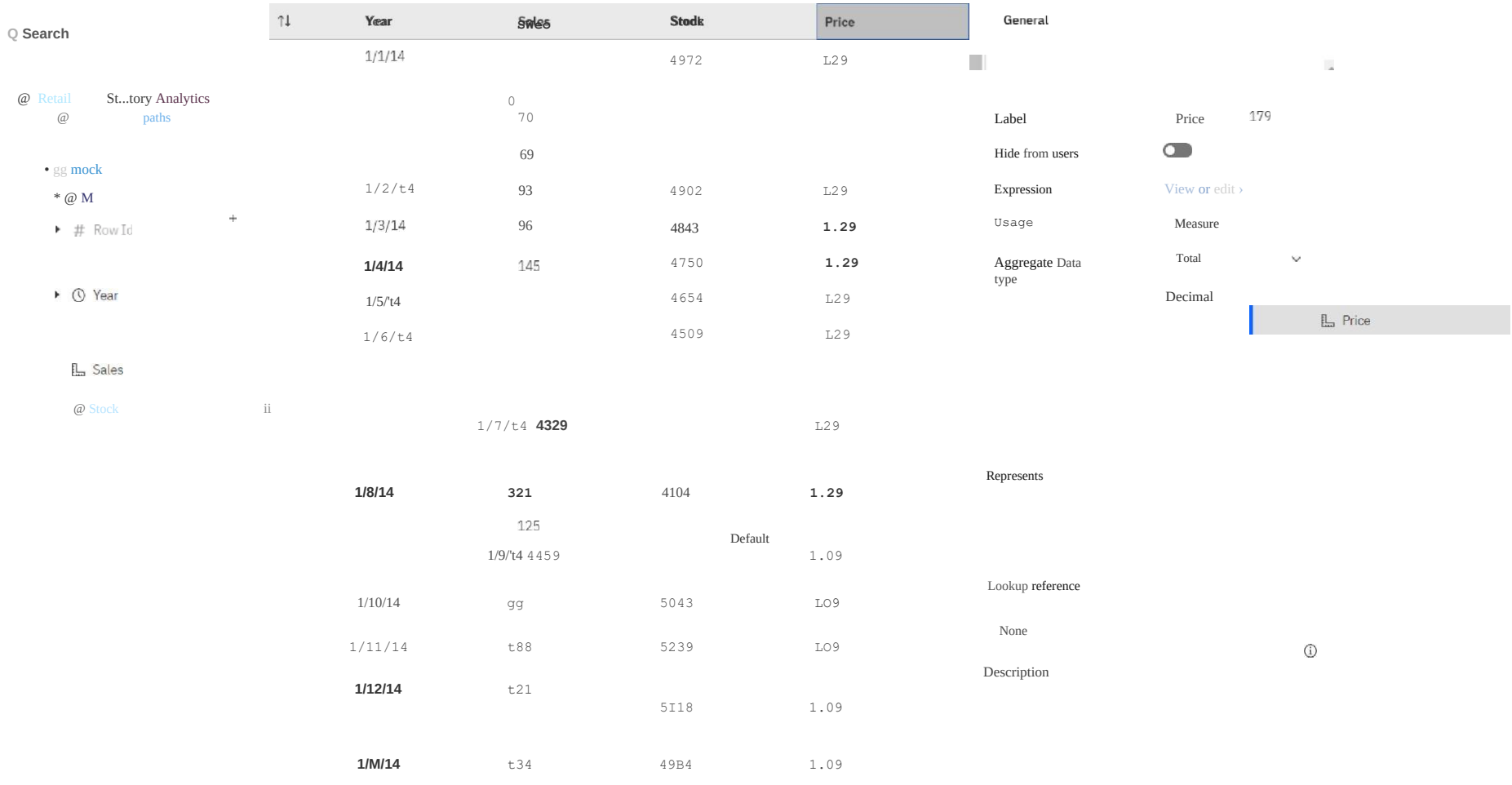
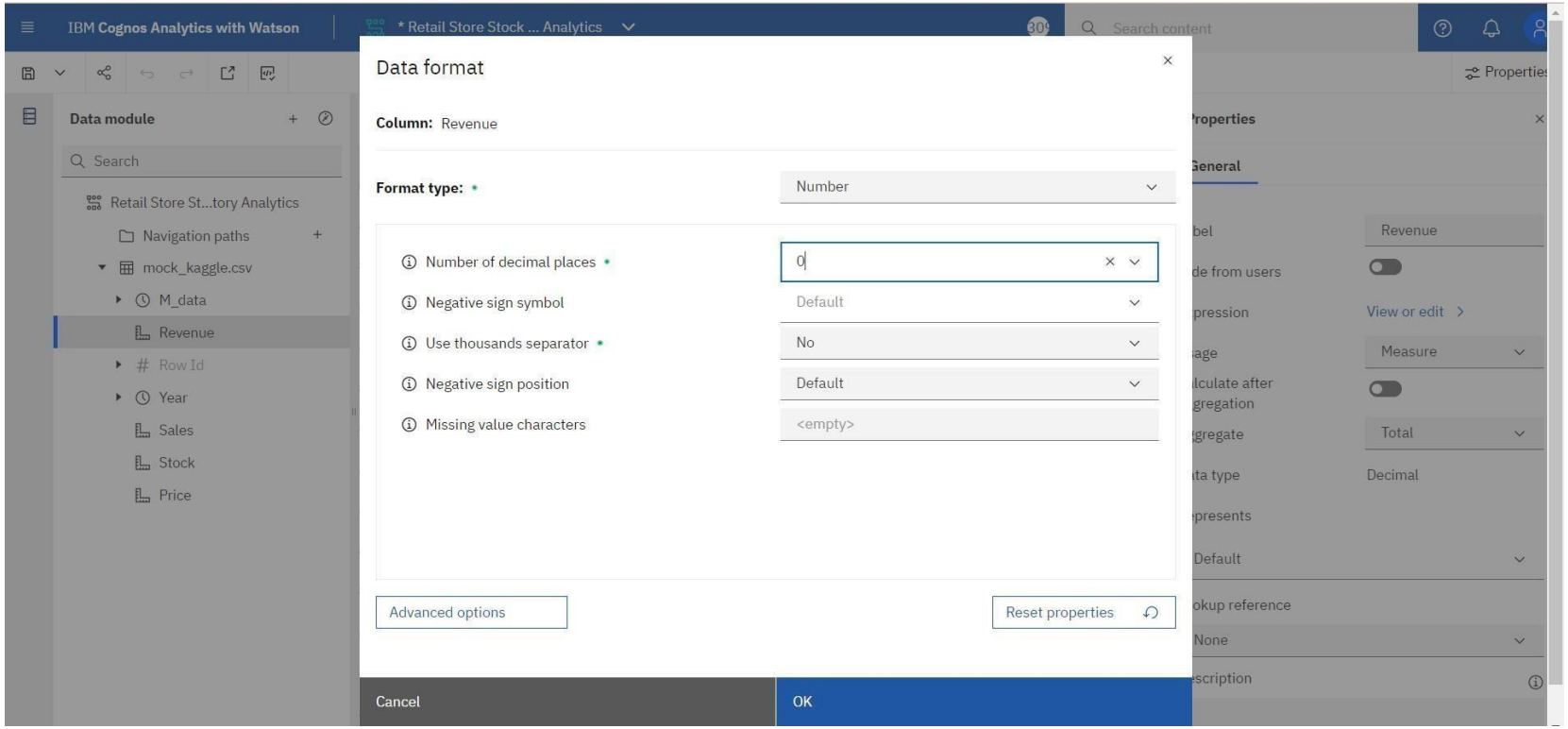
Description

Price-Format Data:





Revenue-Format Data:


IBM Cognos Analytics with Watson
* Retail Store Stock ... Analytics
Search content
Data module
Search
Retail Store St...tory Analytics
Navigation paths
mock_kaggle.csv
M_data
Revenue
Row Id
Year
Sales
Stock
Price
Data format
Column: Revenue
Format type: *
Number
Number of decimal places *
0
Negative sign symbol
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Use thousands separator *
No
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* {g M_data

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Expression

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* # Row Id 1

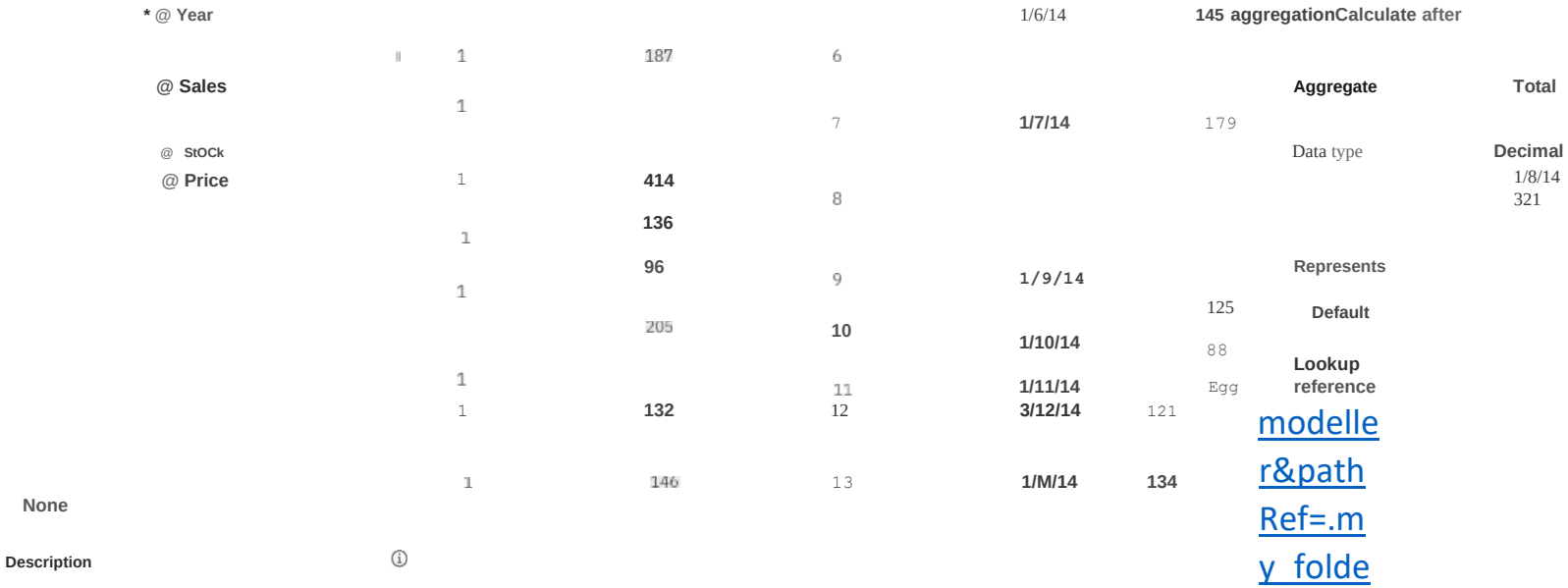
↑↓	M_data	Revenue	Row Id	Year	Sales
	1	0	1	1/1/14	0
	1	90	2	1/2/14	70
	1	76	3		
				1/3f14	59
	1	120	4	1/4/14	93
	1	124	5	1/5/14	96

General

Label Revenue

Hide from users

Usage measure



Prepared data link –

https://us3.ca.analytics.ibm.com/bi/?perspective=ca-modeller&pathRef=.my_folders%2FRetail%2BStore%2BStock%2BI

nventory%2BAnalytics