Project Development Phase

Delivery of Sprint-1

Date	18 November 2022
Team ID	PNT2022TMID00458
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:

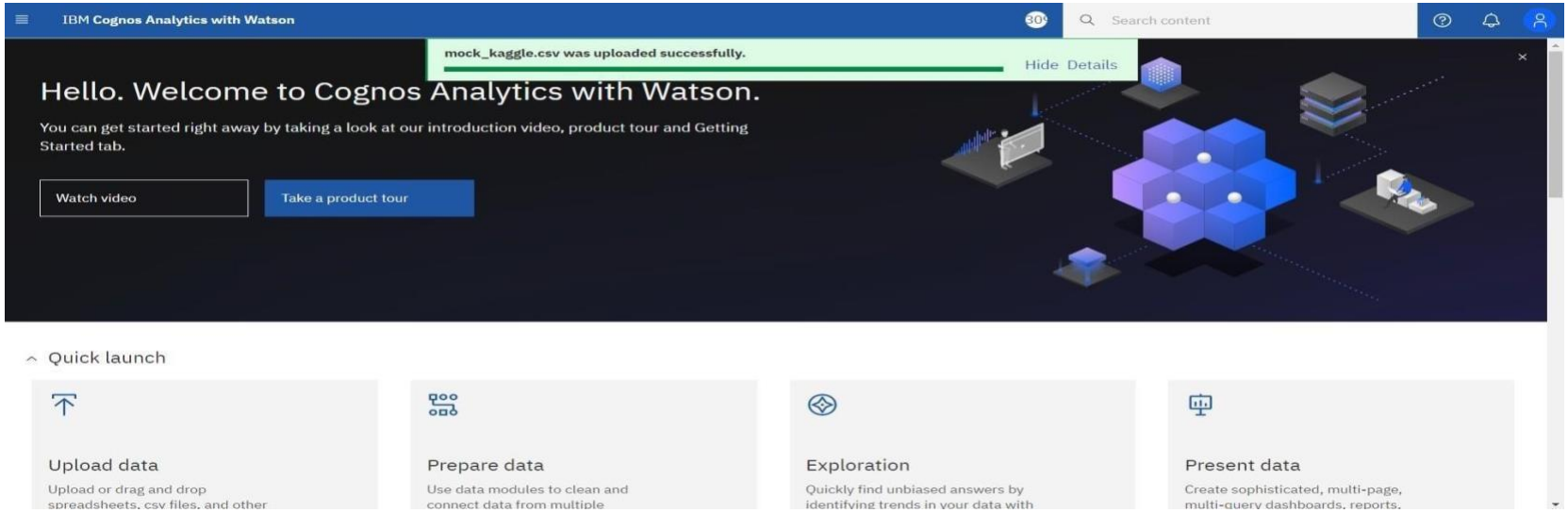
Data Collection:

Download the Dataset

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

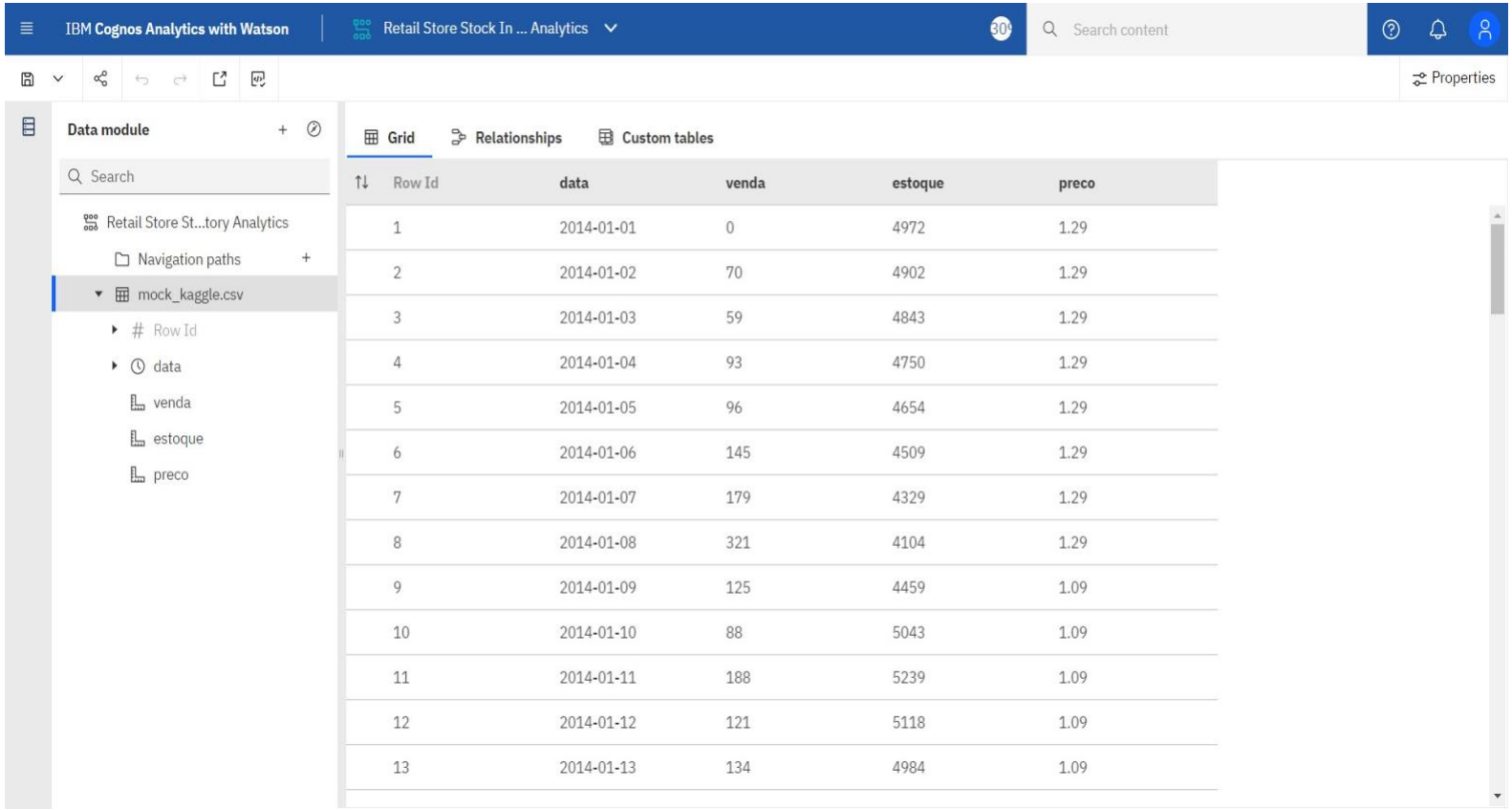
Load the Dataset:

Tool used – IBM Cognos



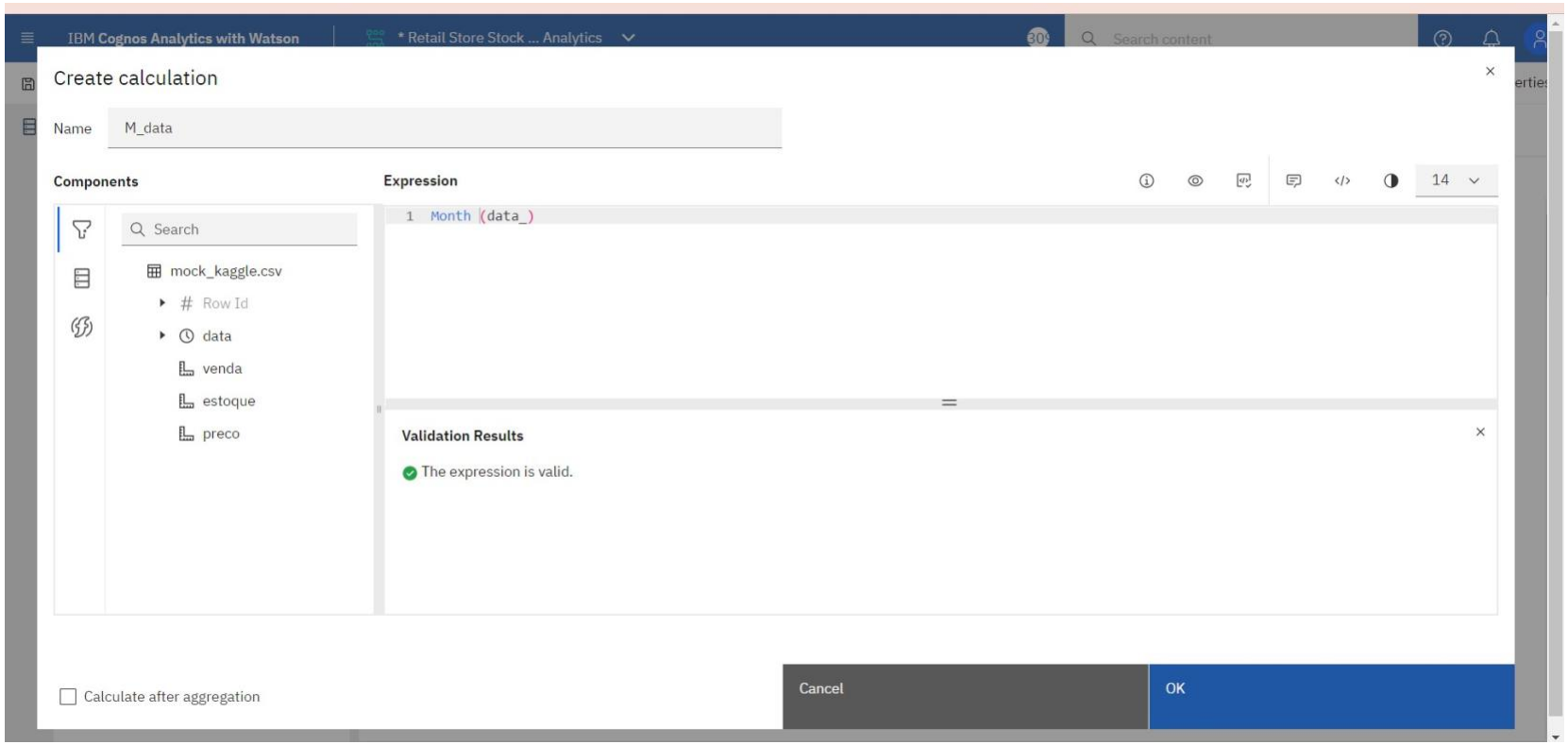
Data Preparation:

Prepare the Dataset



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

Month data: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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

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		1	10	201%0110	B8	5043	1.09
		1		**2014-01-11**	188	5239	1.09 11
			12		121	5118	1.09
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		1	13	**2014-01-13**	134	984	1.09

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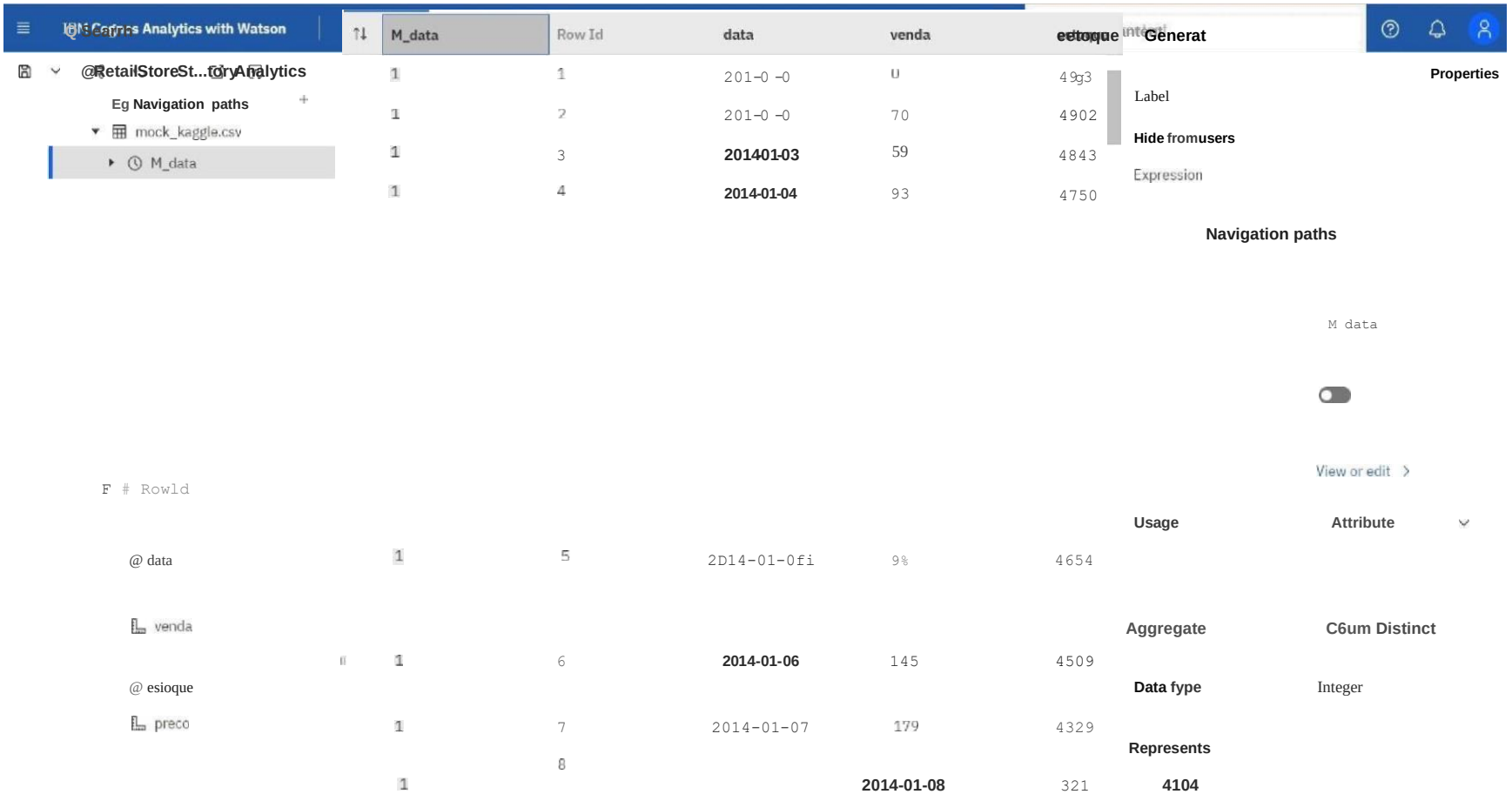
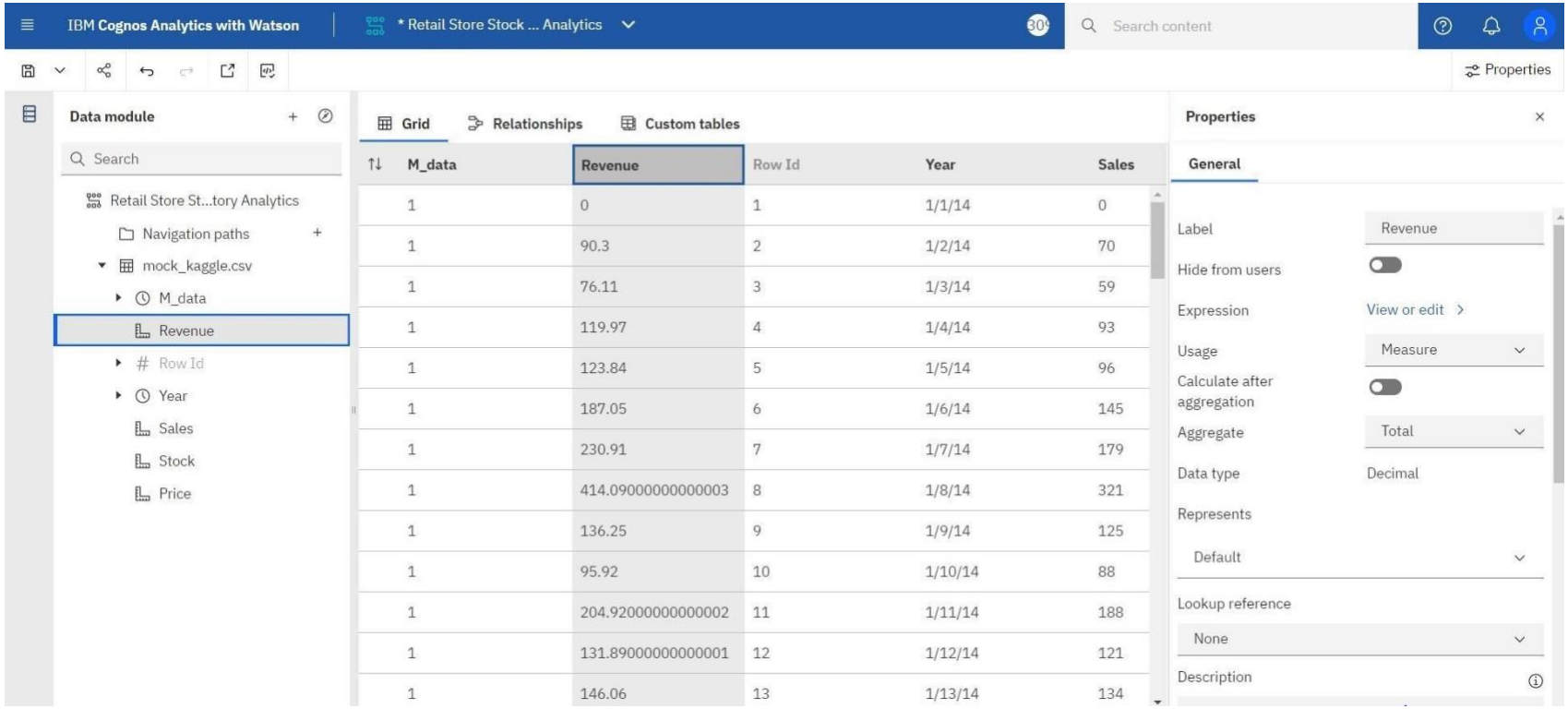


1	9	2014-01-09	125	4459	Time
1	10	2014-01-1O	88	5043	i'•ionth
1	11	2014-01-11	188	5239	Description
1	12	2014-01-S2	In	5118	
1	13	2D14-01-13	134	4RB4	

Revenue data: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1 | 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
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None
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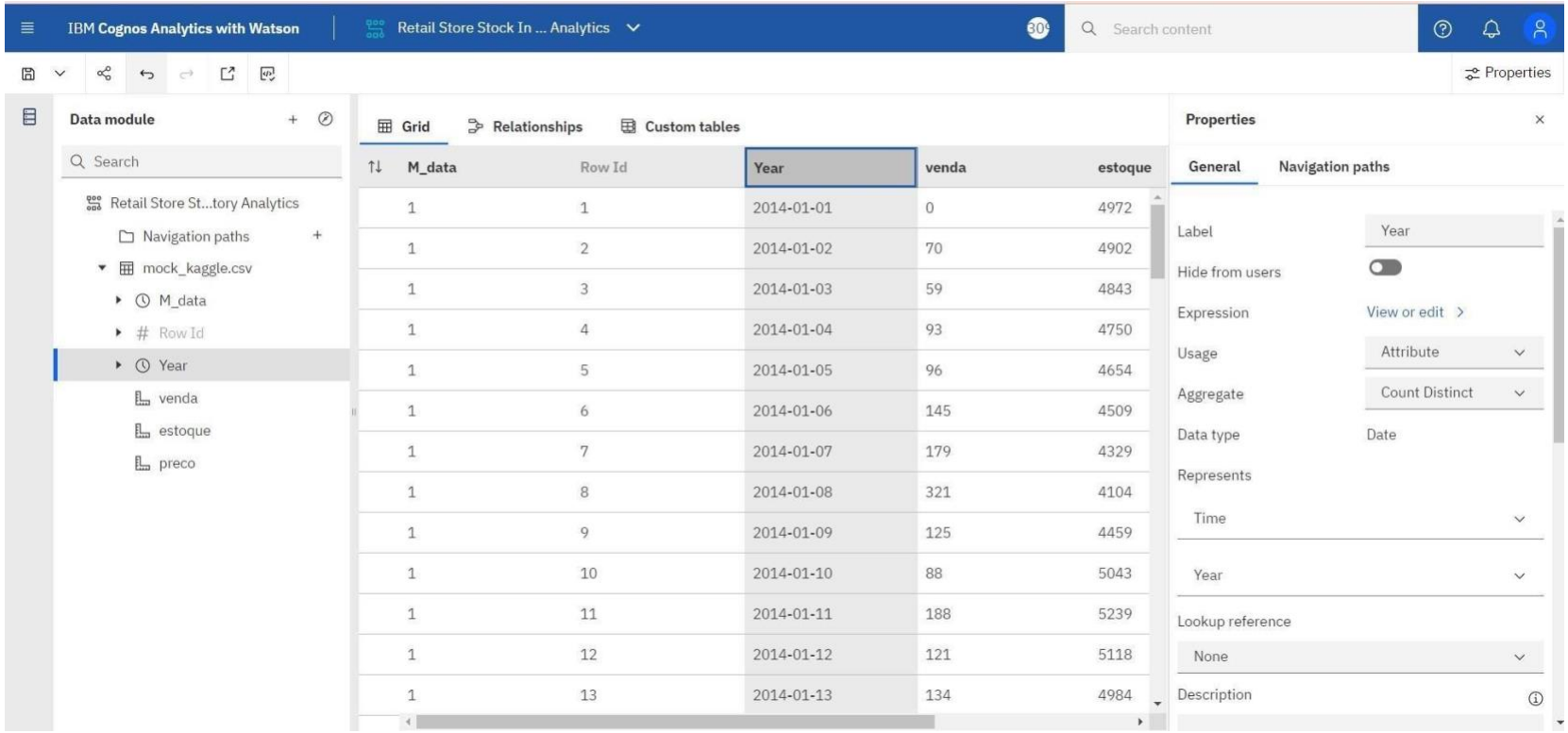
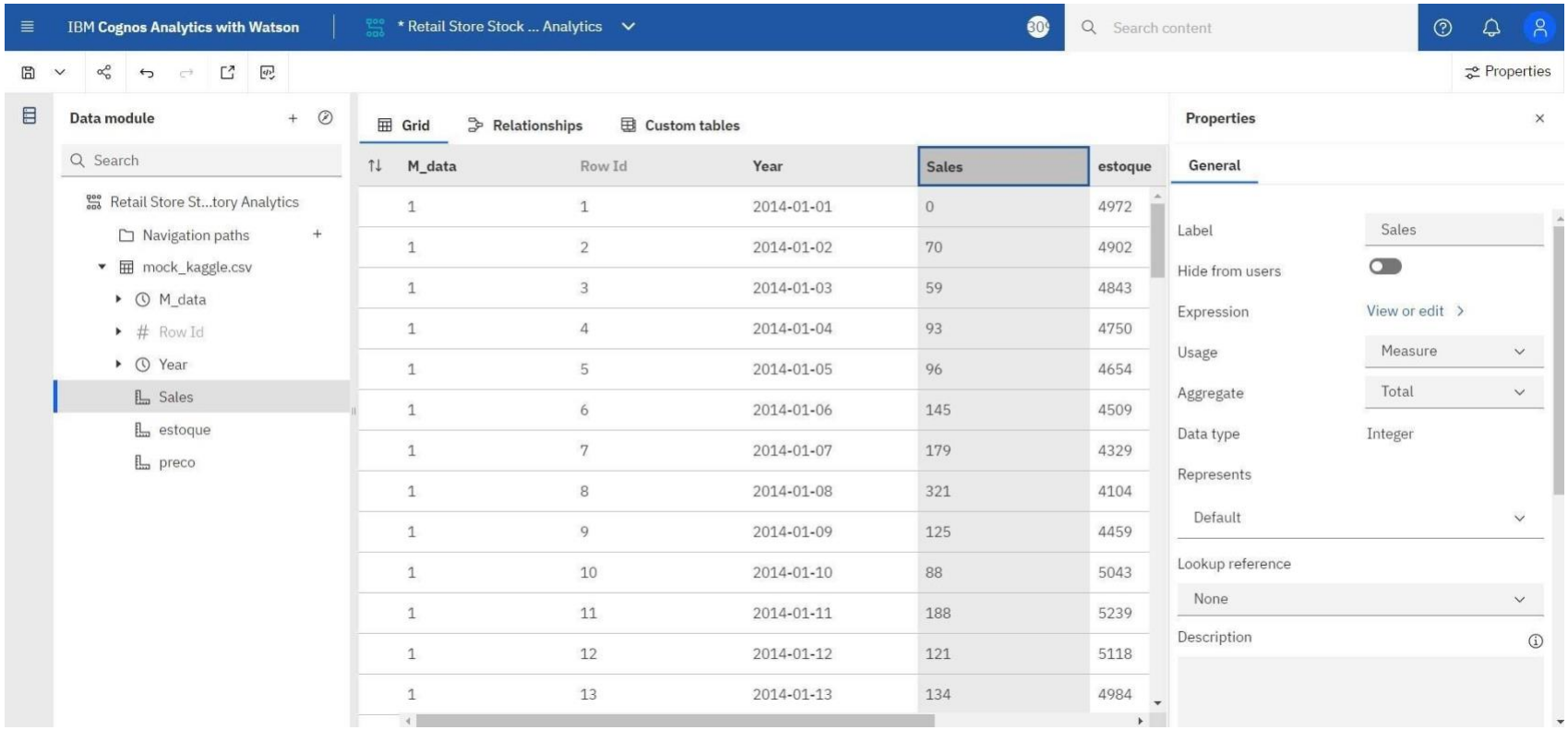
Year data:



Sales data: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1 1 2014-01-01 0 4972
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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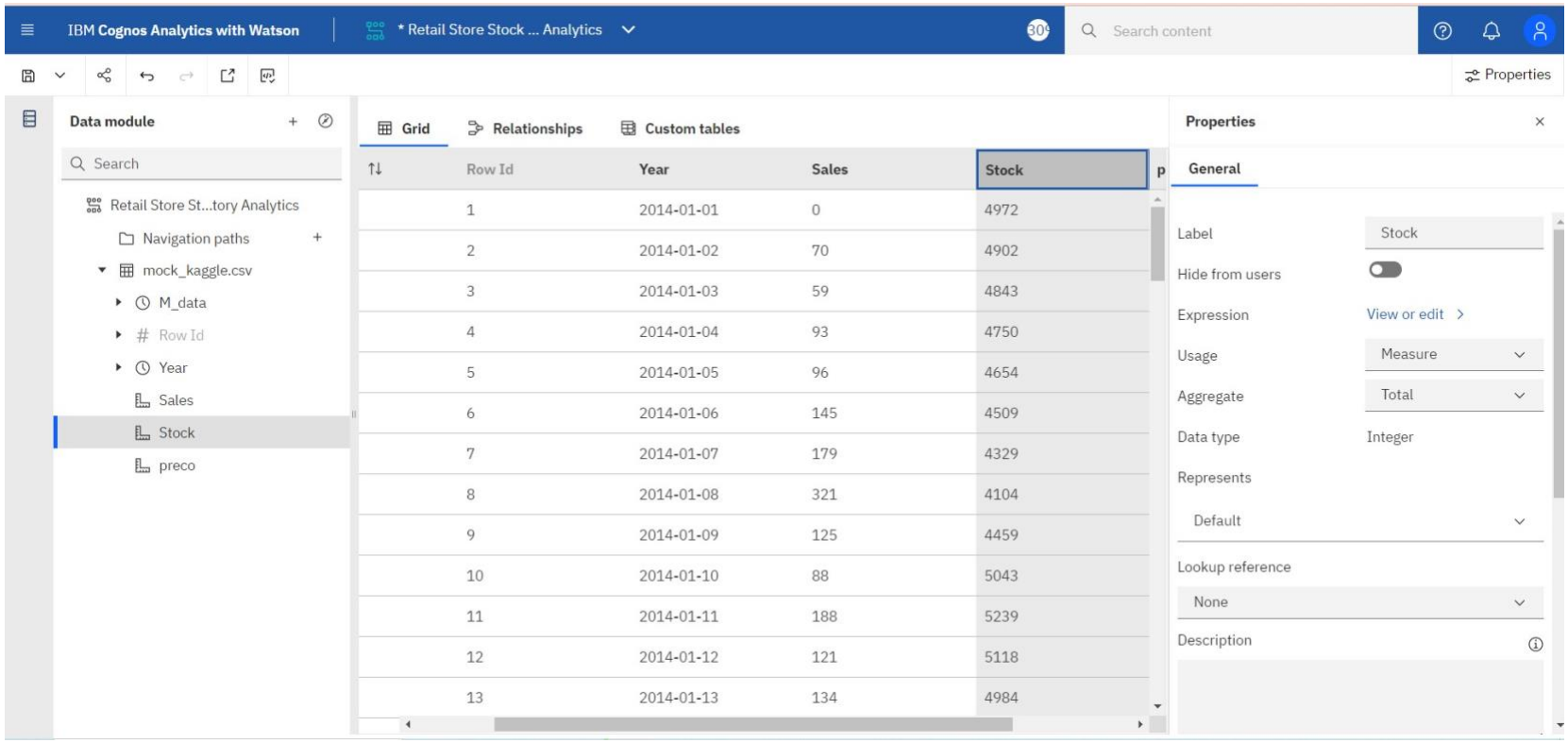
Stock data: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5 2014-01-05 96 4654
6 2014-01-06 145 4509
7 2014-01-07 179 4329
8 2014-01-08 321 4104
9 2014-01-09 125 4459
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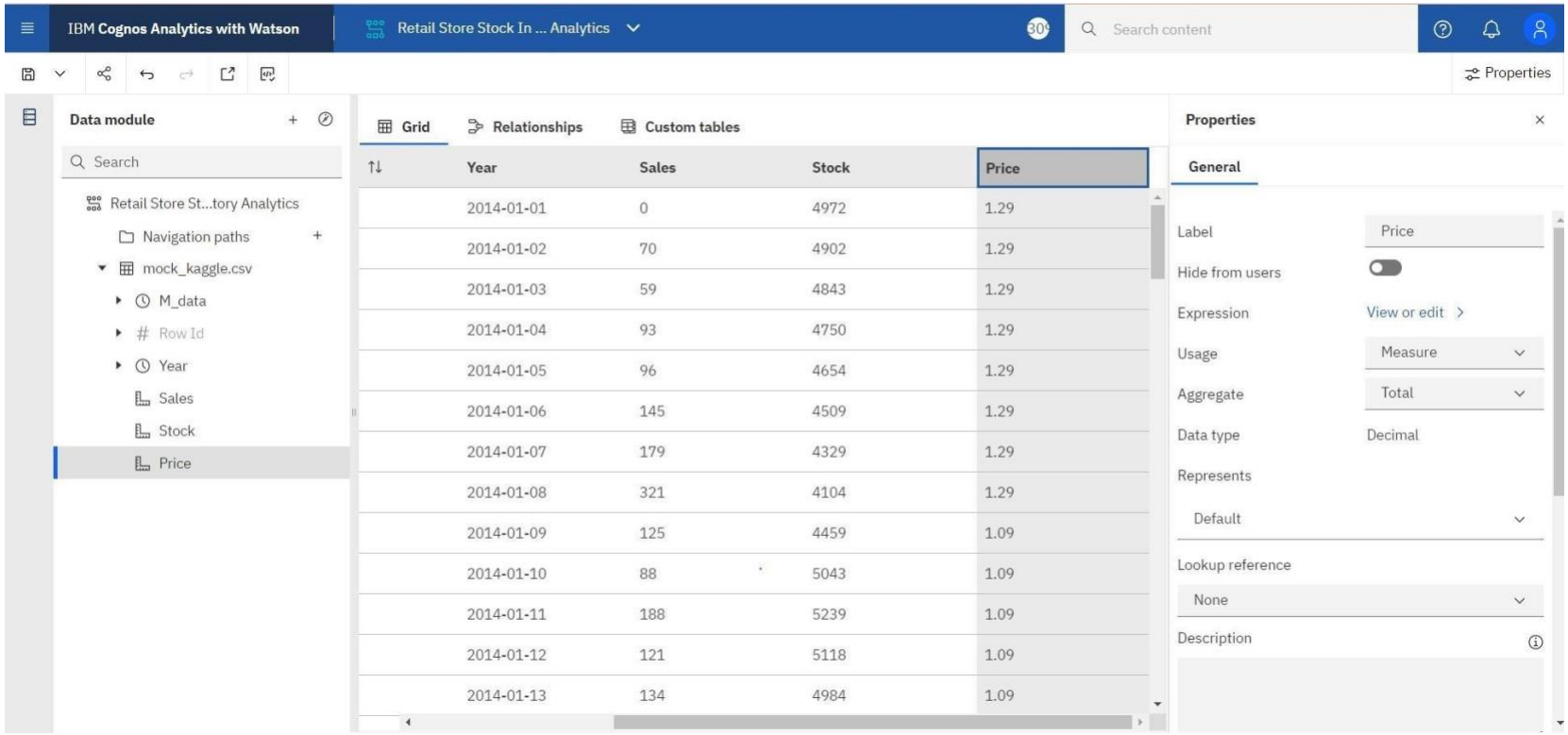
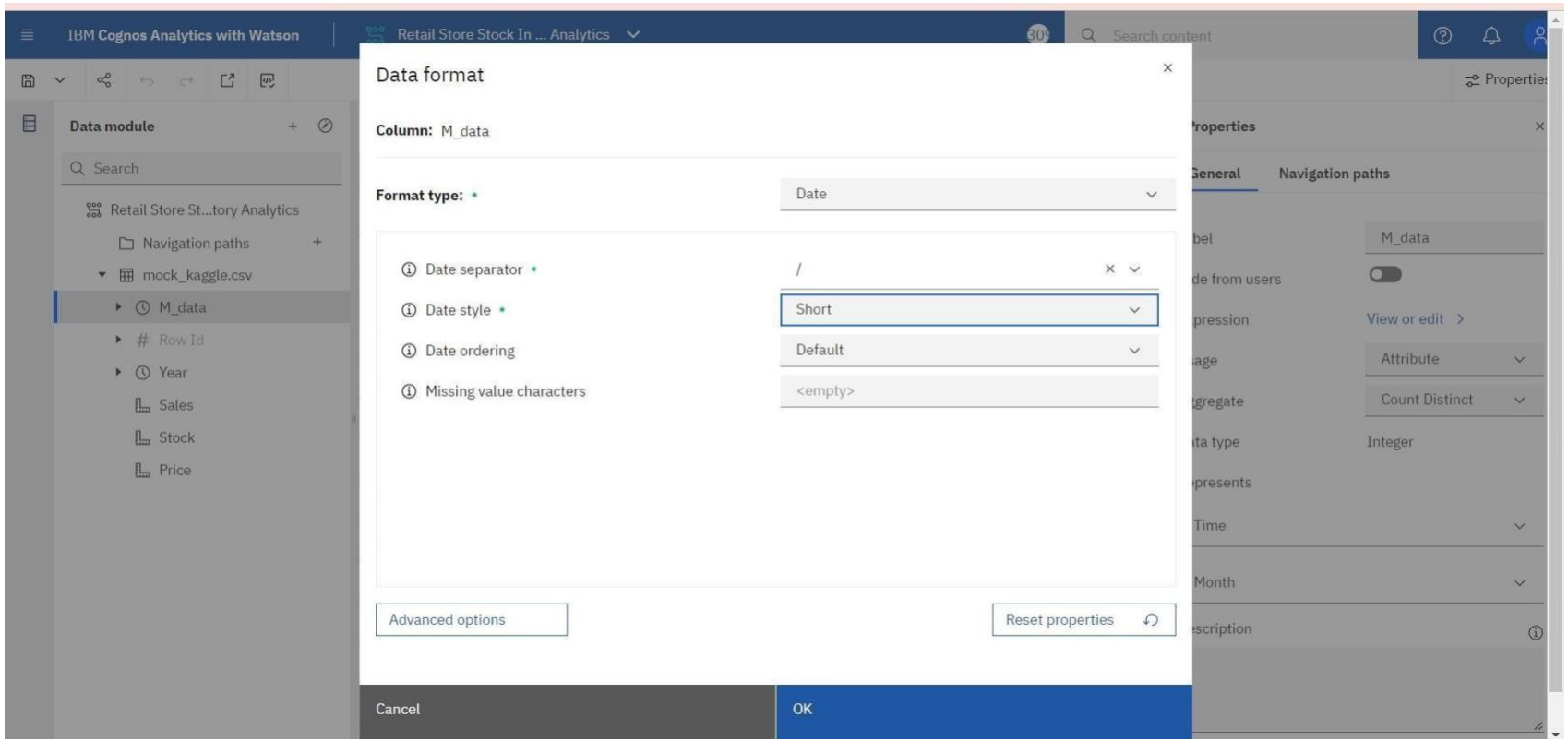
Price data:



Month-Format Data: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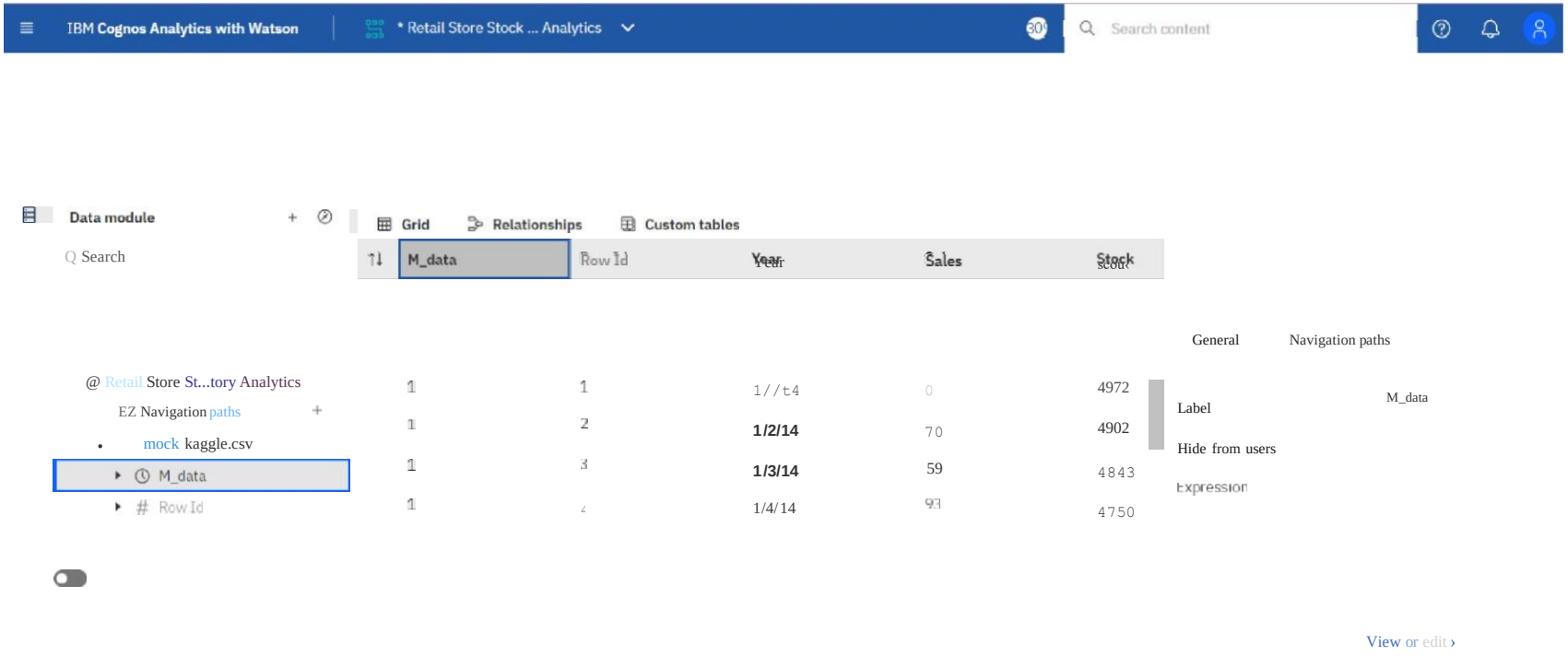
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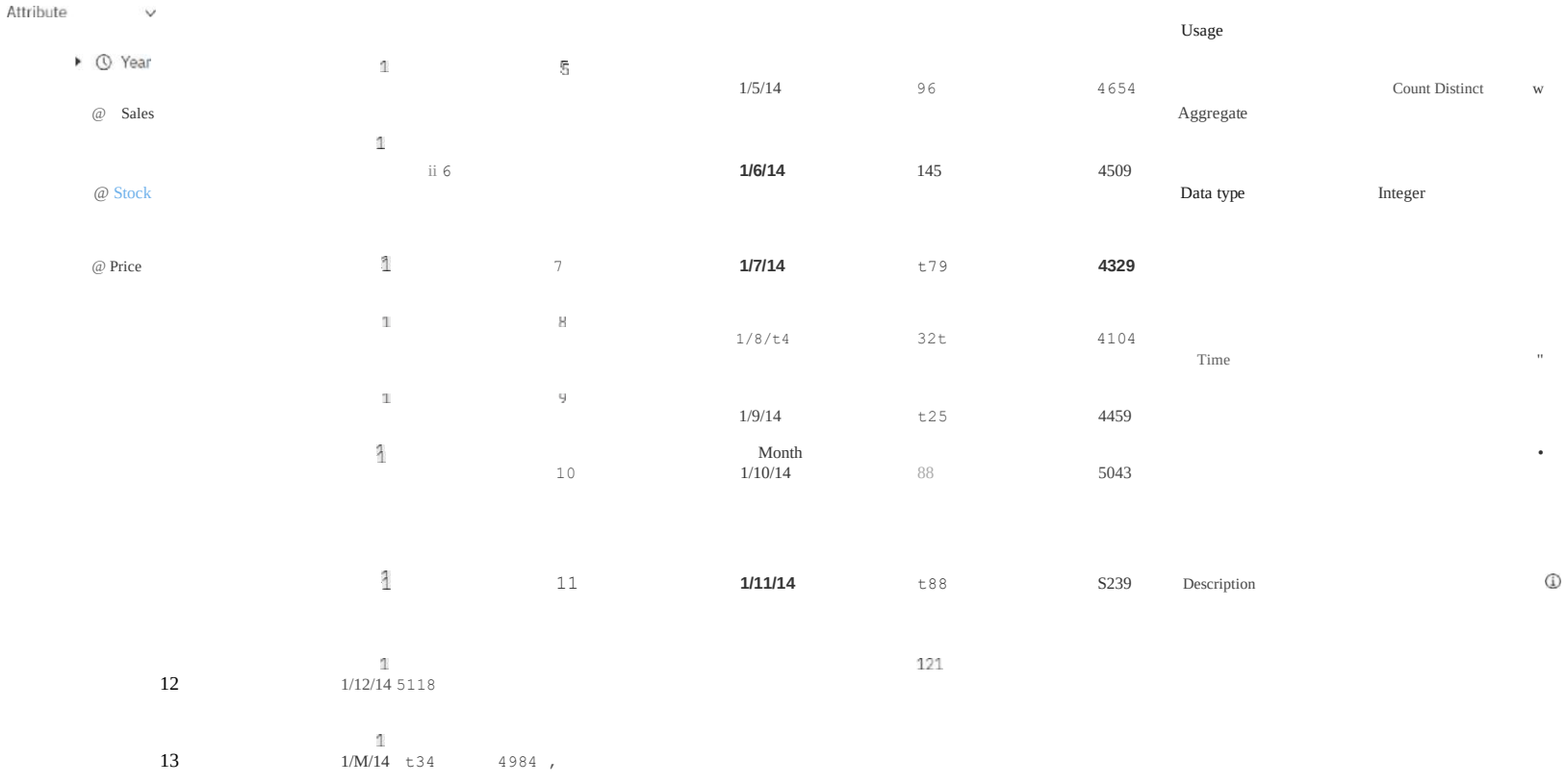

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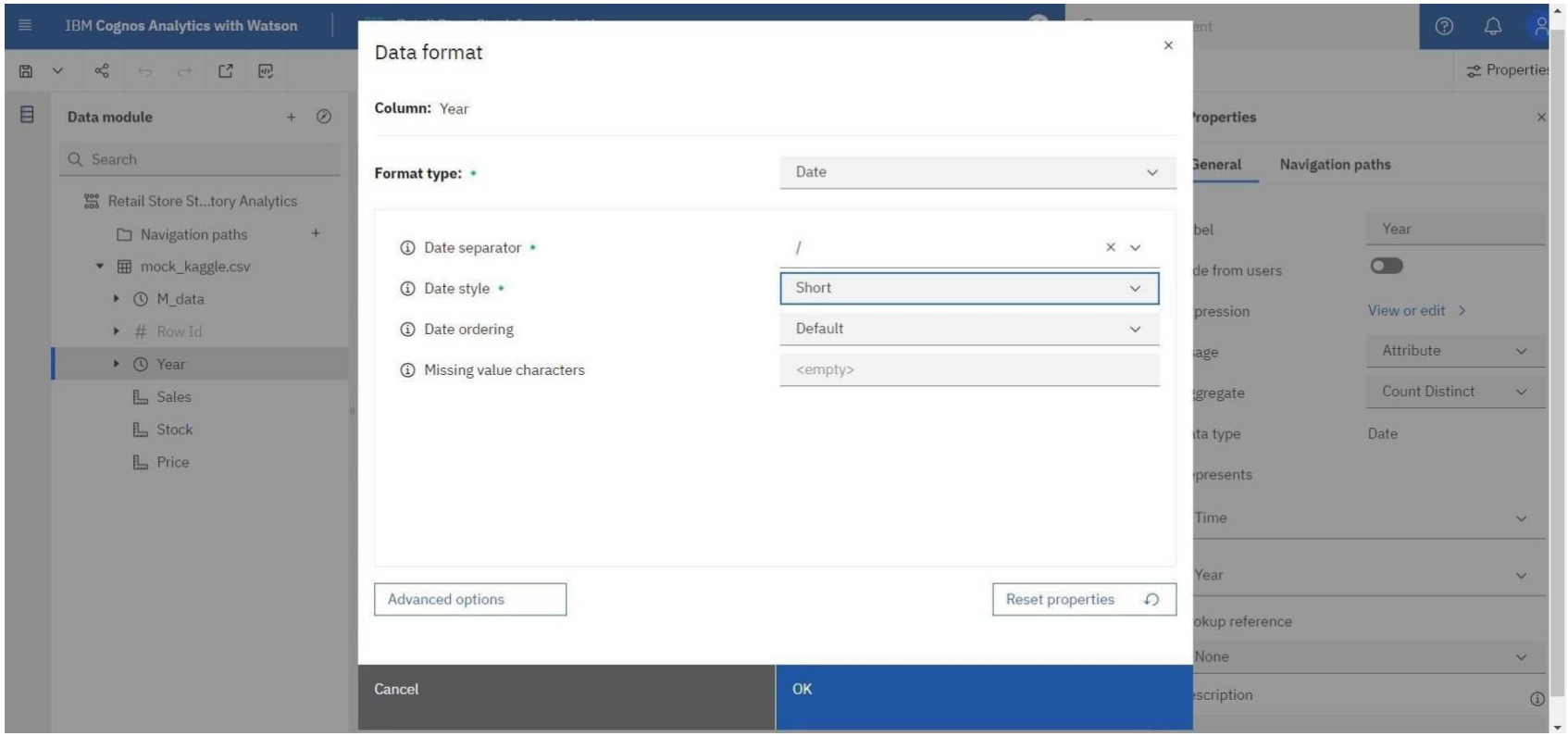
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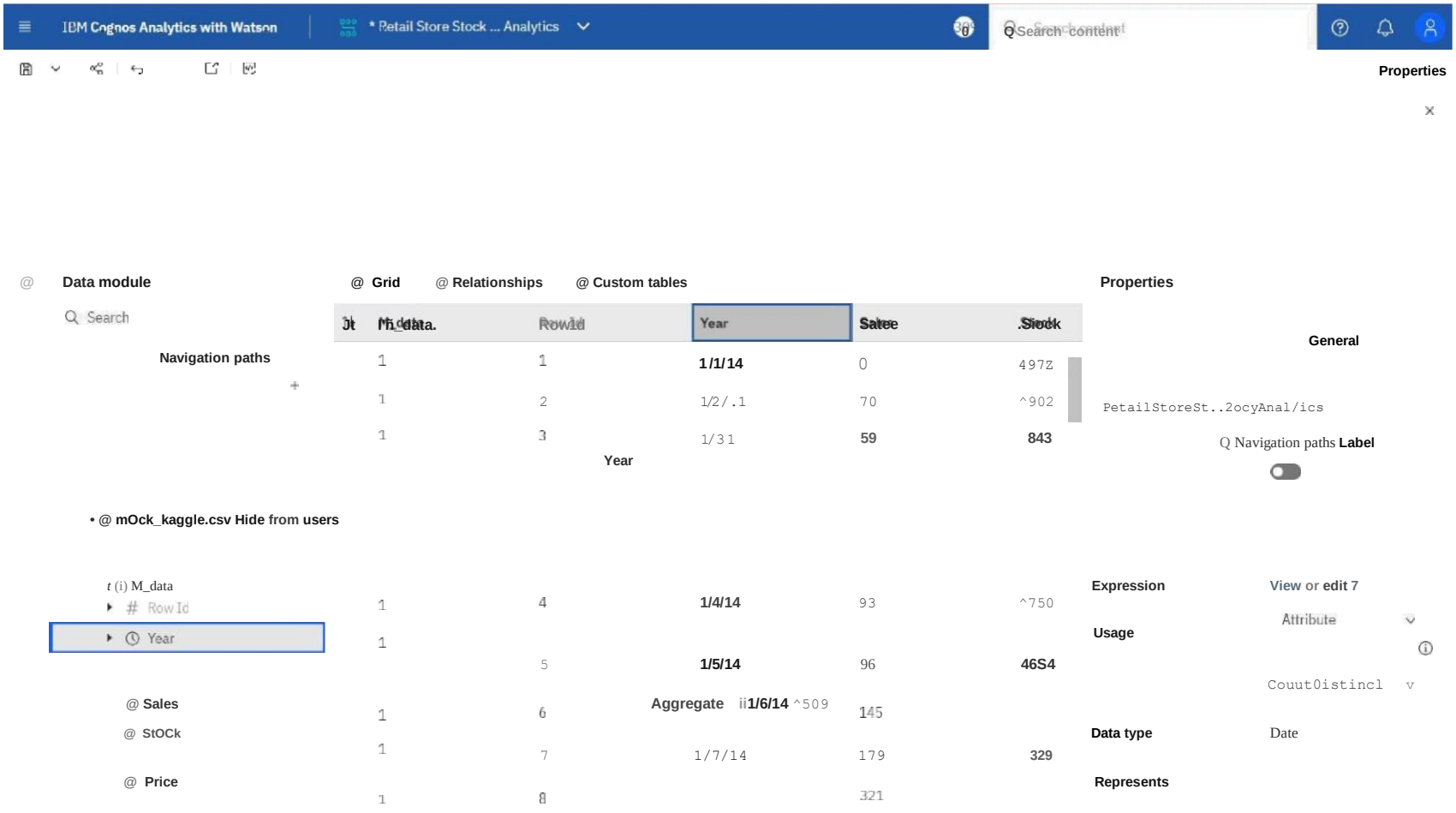
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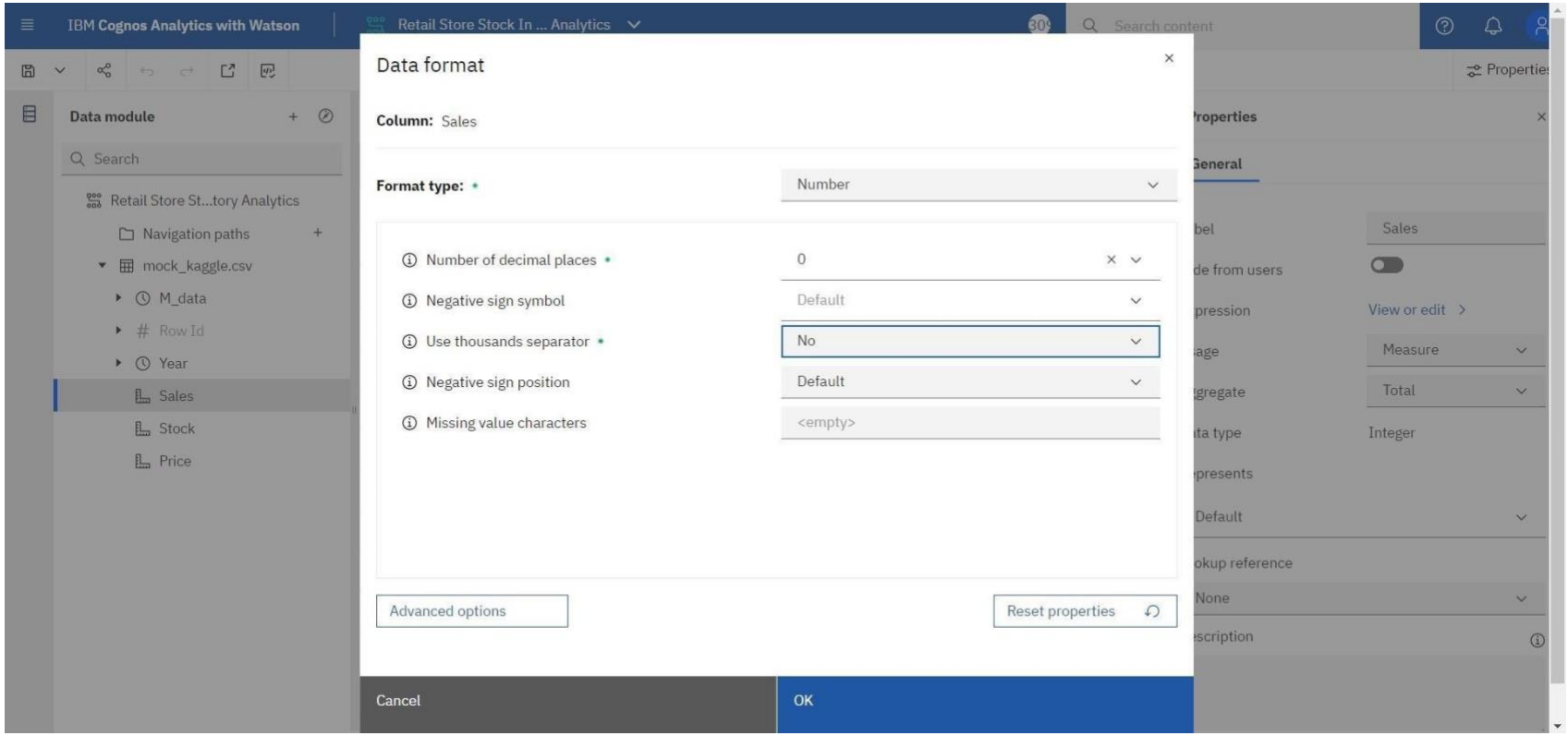
1	10	**1/10/14**	88	**5043**	**Year**	**v**
1	11	1j11/1é-	188	*****'**	**Lookup reference**	
1	12	1/12/,14	121	5118	None	v
1	**13**	1/13/14	134	**984**	**Description**	

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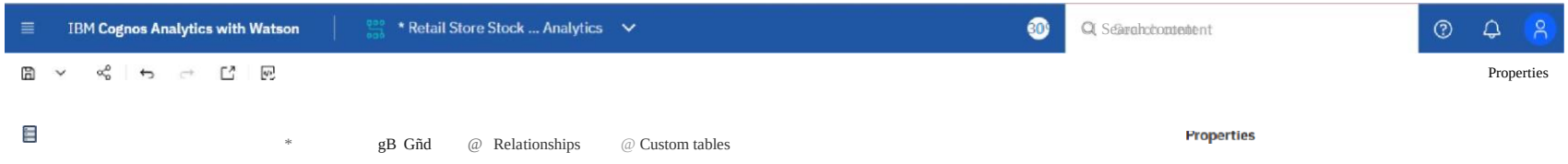
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M_data	Row Id	Year	Sales	Stock
1	1	1/1/t4	0	4972
1	2	1/2/t4	70	4902
1	3	1/3/14	59	4843
1	4	**1/4/14**	93	4750
1	5	**1/5/14**	96	4654
1	6	1/6/t4	145	4509
	7	1/7/14	**179**	4329
1	8	1/8/14	321	4104
1	9	**1/9/14**	**125'**	4459
1	Lookup reference **1/10/14**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

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General

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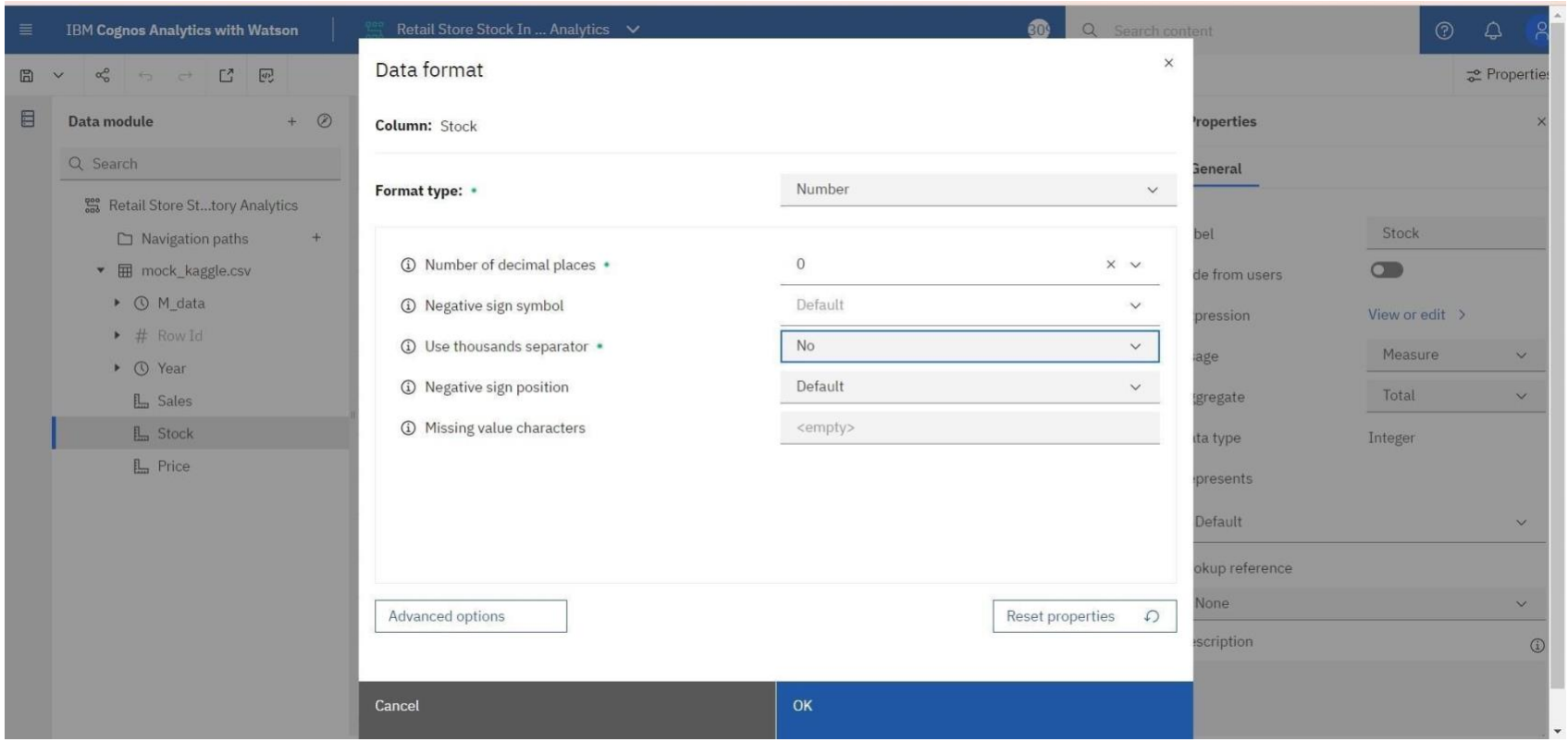

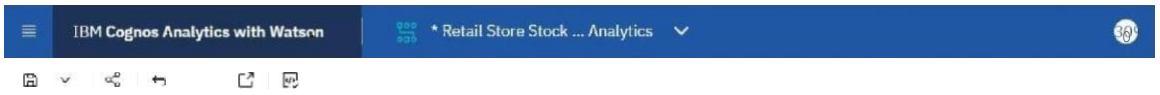

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	1	1/1/14	0	4972
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	9	1/9/14	125	445'?

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10	1/10/14	88	5043	
11	1/11/14	18B	5239	

Lookup reference

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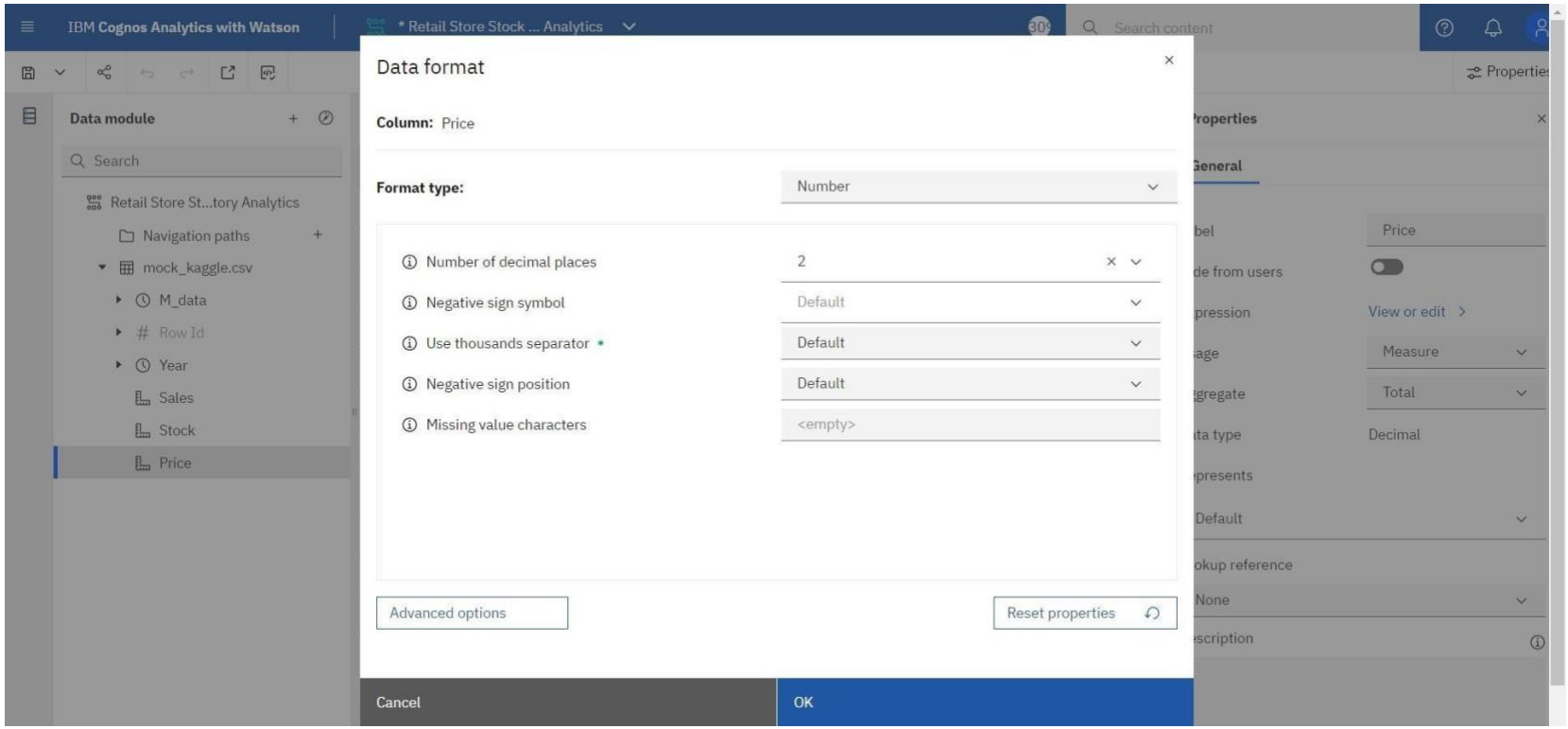
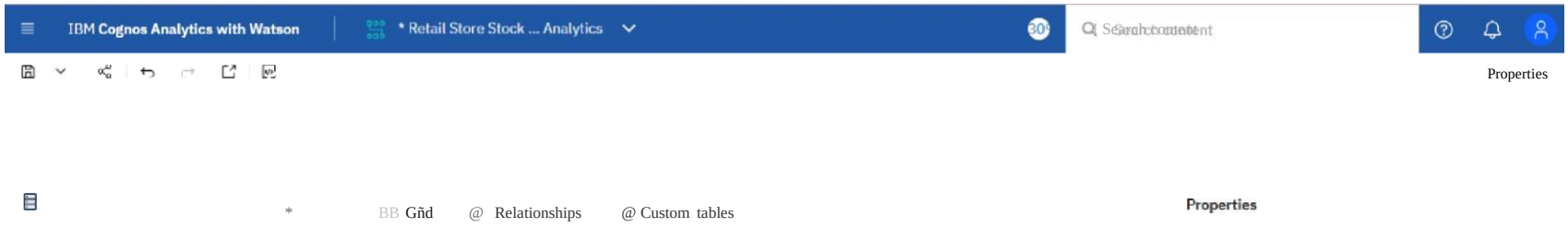
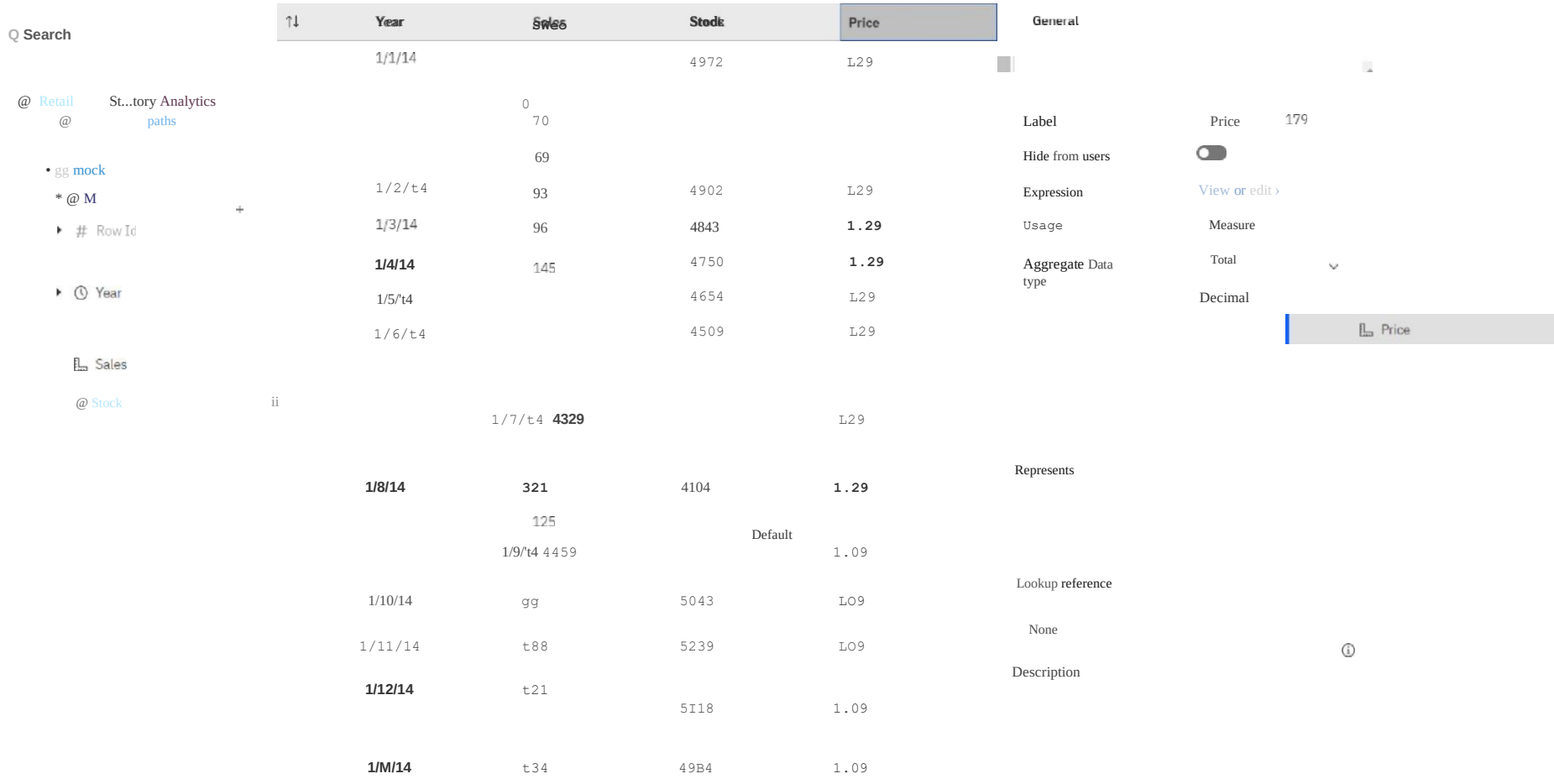
Description

	12	1/12/14	i21	51.18

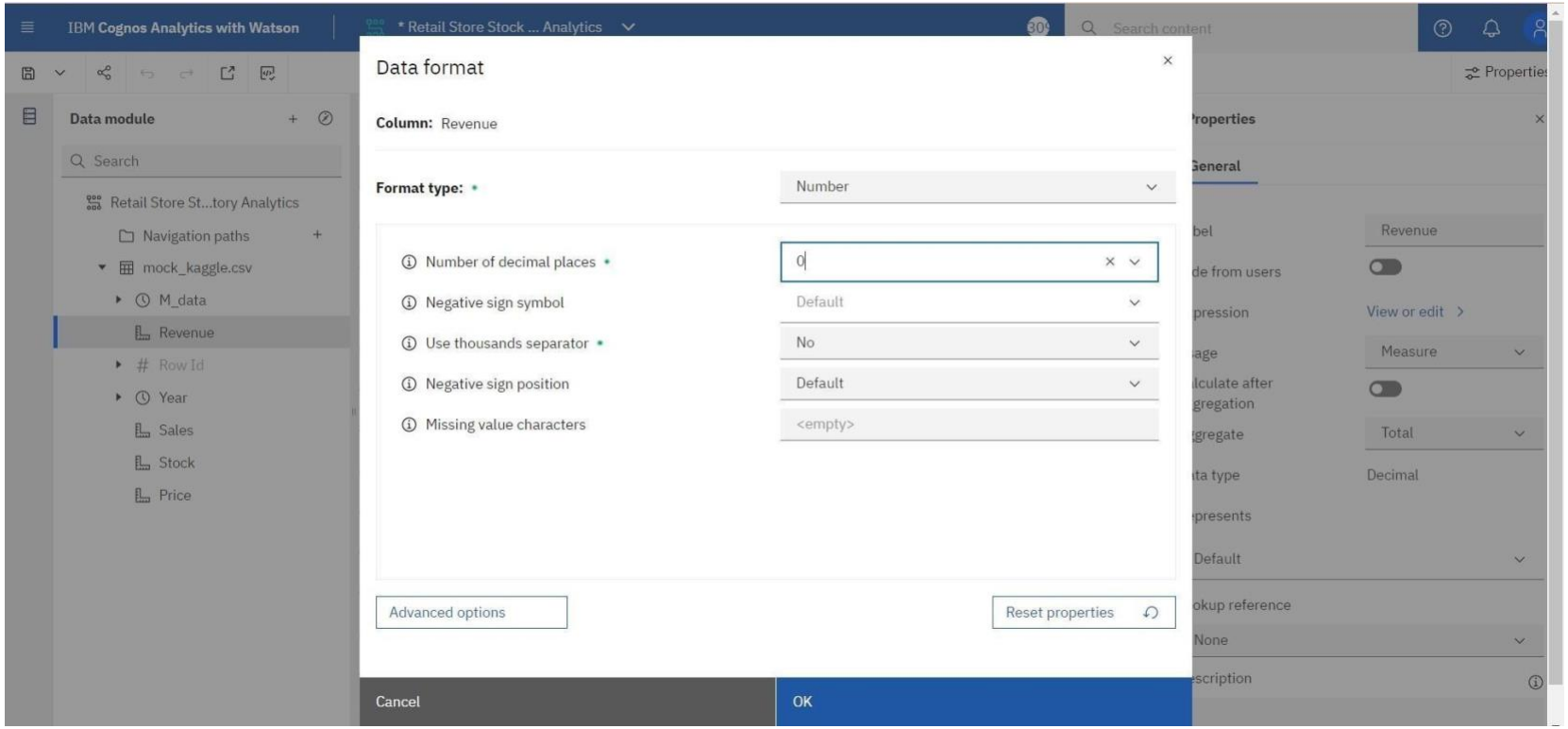
Price-Format Data:







Revenue-Format Data:


IBM Cognos Analytics with Watson
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Column: Revenue
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0
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↑↓	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

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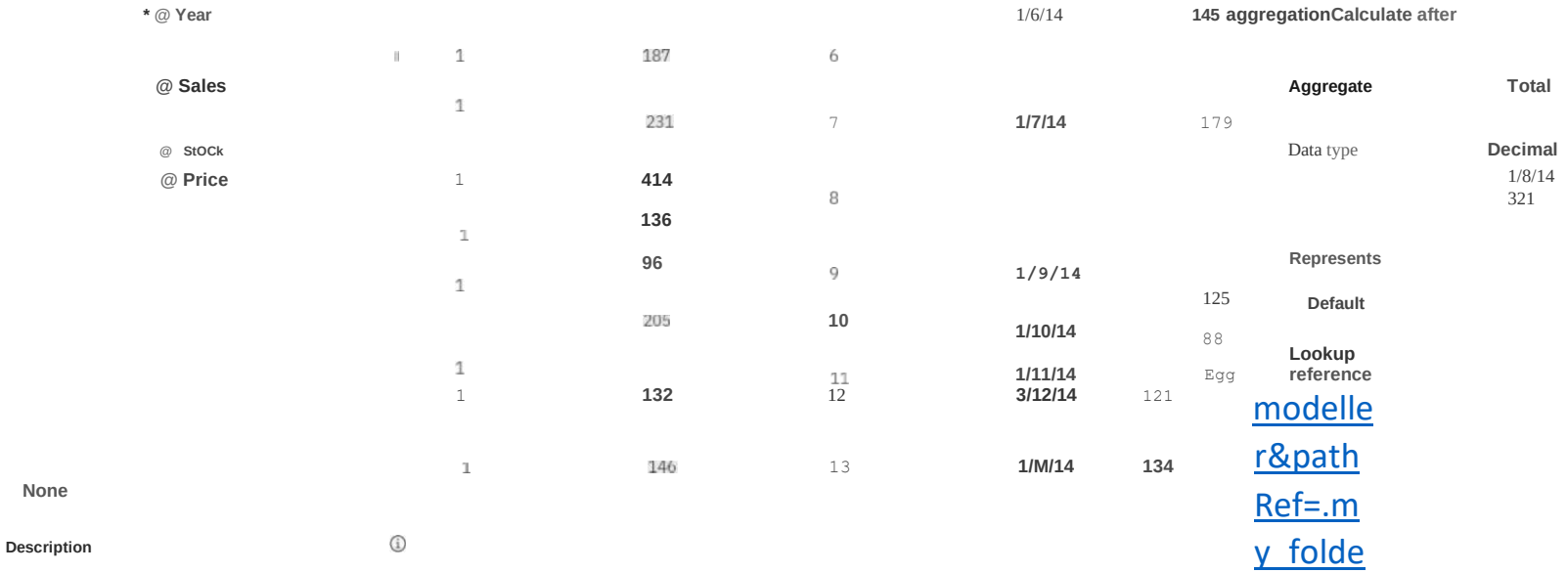

Prepared data link –

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

y%2BAnalytics