

Working with the dataset

Prepare the dataset

Team id	PNT2022TMID08214
Project name	Retail Store Stock Inventory Analytics

The screenshot shows the 'Create calculation' dialog box in IBM Cognos Analytics. The 'Name' field is set to 'M_Data'. The 'Components' pane on the left lists the data source 'Inventory M...Dataset.csv' and its fields: '# Row Id', 'data', 'venda', 'estoque', and 'preco'. The 'Expression' field contains the formula 'i month (data_)'. A 'Validation Results' pane at the bottom right shows a green checkmark and the message 'The expression is valid.'. At the bottom of the dialog, there is a checkbox for 'Calculate after aggregation' (which is unchecked) and two buttons: 'Cancel' and 'OK'.

IBM Cognos Analytics with Watson | * New data module | Search content

Create calculation

Name: M_Data

Components

- Inventory M...Dataset.csv
 - # Row Id
 - data
 - venda
 - estoque
 - preco

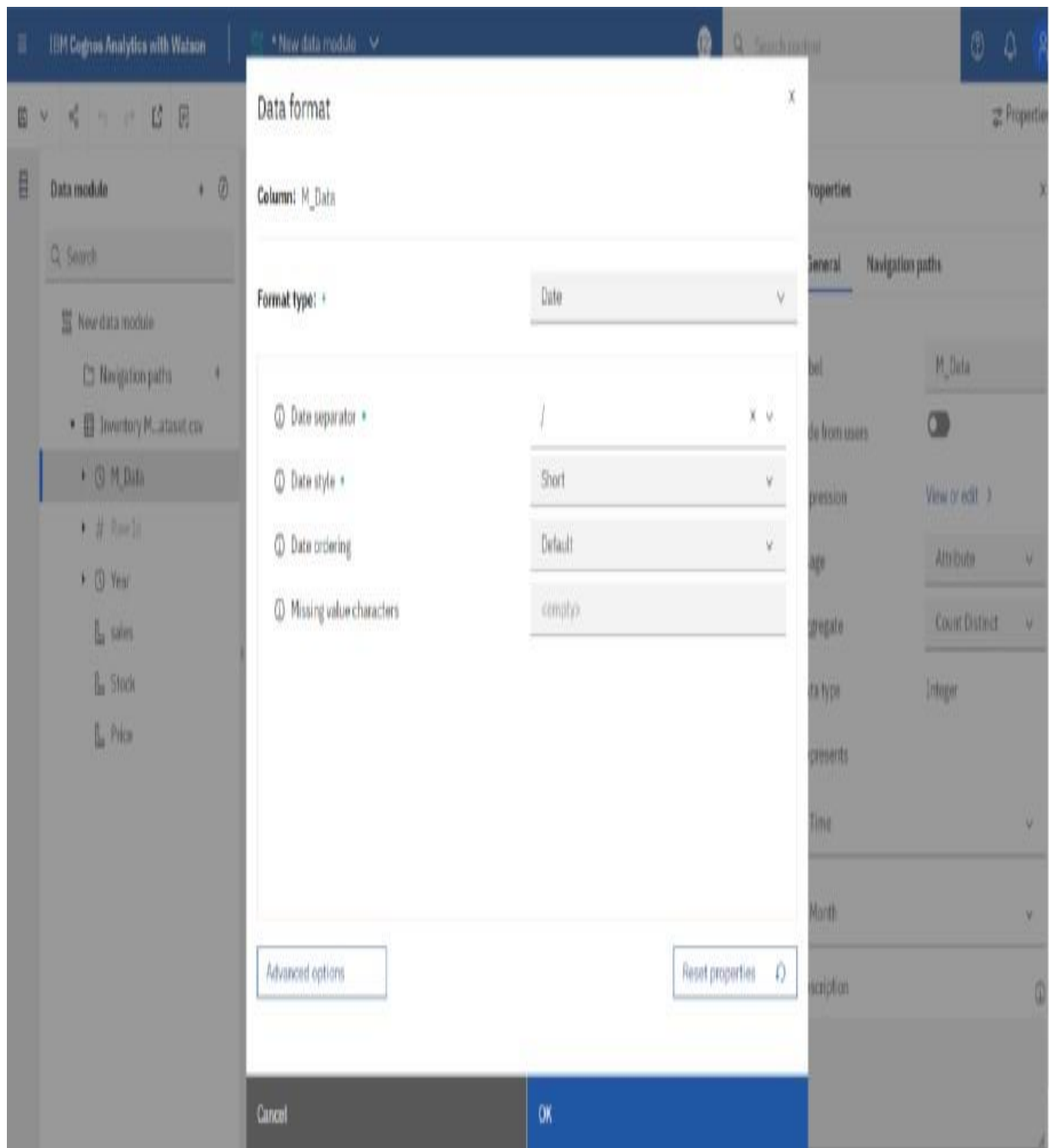
Expression: i month (data_)

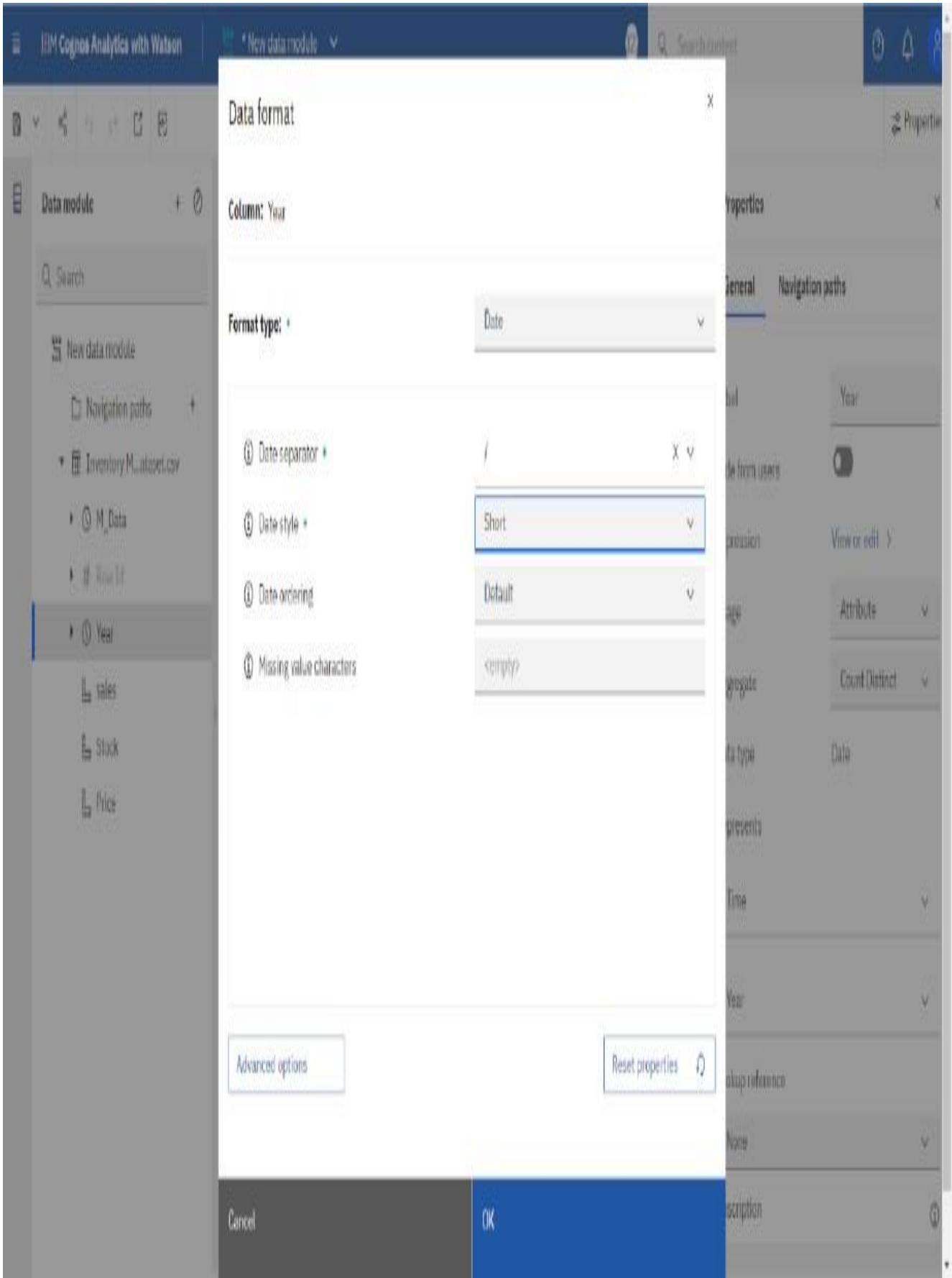
Validation Results

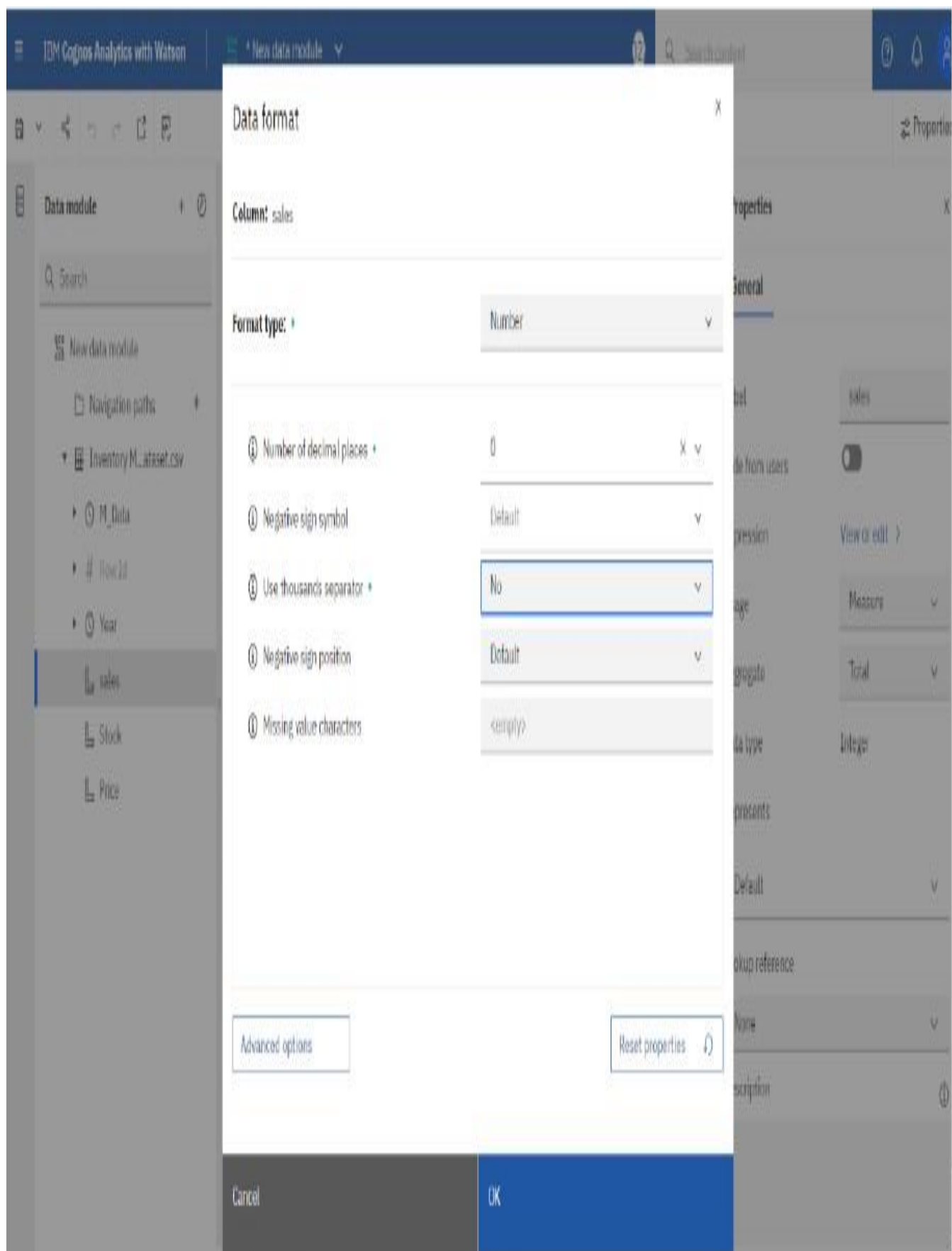
✓ The expression is valid.

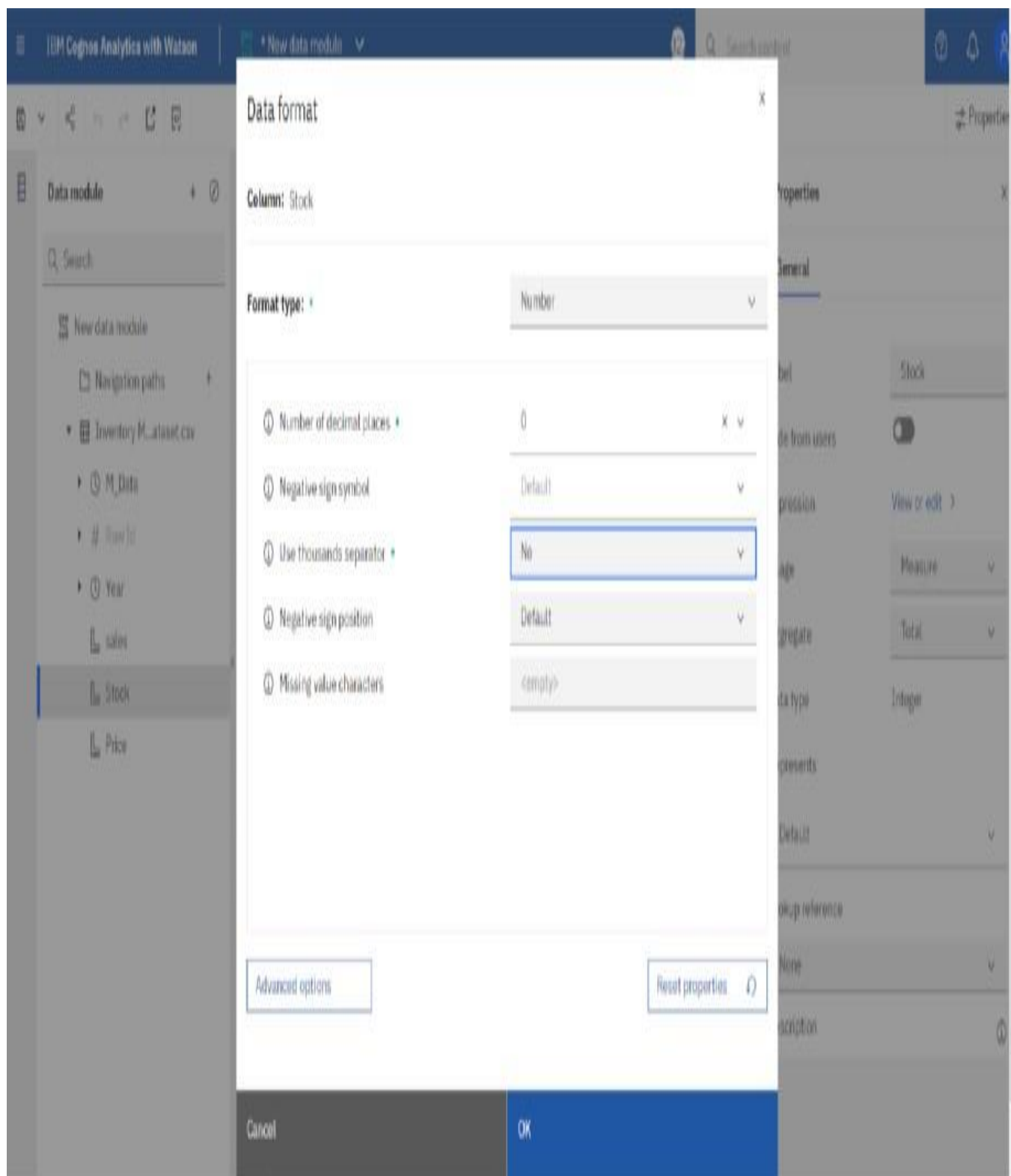
☐ Calculate after aggregation

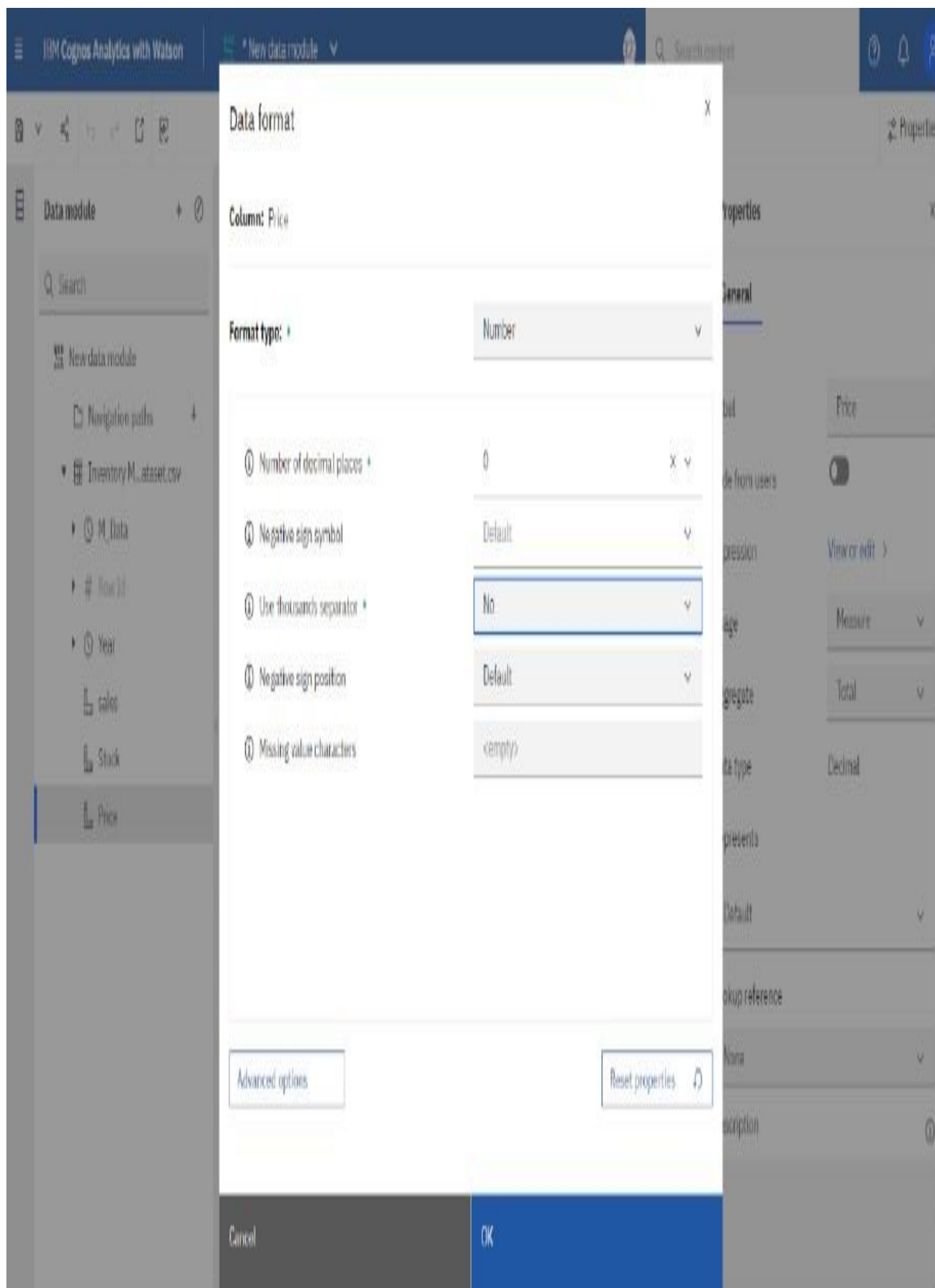
Cancel OK











IBM Cognos Analytics with Watson

Inventory Module

Search content

Create calculation

Name

Revenue

Components

Expression

Search

Inventory M...Dataset.csv

M_Data

Row Id

Year

sales

Stock

Price

1

venda*preco

=


Validation Results

The expression is valid.

☐ Calculate after aggregation

Cancel

OK

 Data module

Q Search

Inventory Module

Navigation paths

Inventory M_atasat.csv

Revenue

M_Data

RowId

Year

sales

Stock

Price

Grid

Relationships

Custom tables

1	Revenue	M_Data	RowId	Year	sales
	0	1	1	1/1/14	0
	90.3	1	2	1/2/14	70
	76.11	1	3	1/3/14	59
	119.97	1	4	1/4/14	93
	123.84	1	5	1/5/14	96
	187.05	1	6	1/6/14	145
	230.91	1	7	1/7/14	179
	414.0900000000003	1	8	1/8/14	321
	136.25	1	9	1/9/14	125
	95.92	1	10	1/10/14	88
	204.9200000000002	1	11	1/11/14	188
	131.8900000000001	1	12	1/12/14	121
	146.06	1	13	1/13/14	134

Properties


General

Navigation paths

Label

Year

Hide from users



Expression

[View or edit](#)

Usage

Attribute

Aggregate

Count Distinct

Data type

Date

Represents

Time

Year

Lookup reference

None

Description

Data module

🔍 Search

Inventory Module

Navigation paths

Inventory M...ataset.csv

- Revenue
- M_Data
- # Row Id
- Year
- sales
- Stock
- Price

	M_Data	Row Id	Year	sales	Stock	Price
1	1	1	1/1/14	0	4972	1
	1	2	1/2/14	70	4902	1
	1	3	1/3/14	59	4843	1
	1	4	1/4/14	93	4750	1
	1	5	1/5/14	96	4654	1
	1	6	1/6/14	145	4509	1
	1	7	1/7/14	179	4329	1
0000000003	1	8	1/8/14	321	4104	1
	1	9	1/9/14	125	4459	1
	1	10	1/10/14	88	5043	1
0000000002	1	11	1/11/14	188	5239	1
0000000001	1	12	1/12/14	121	5118	1
	1	13	1/13/14	134	4984	1