Project Development Phase
Delivery of Sprint-1

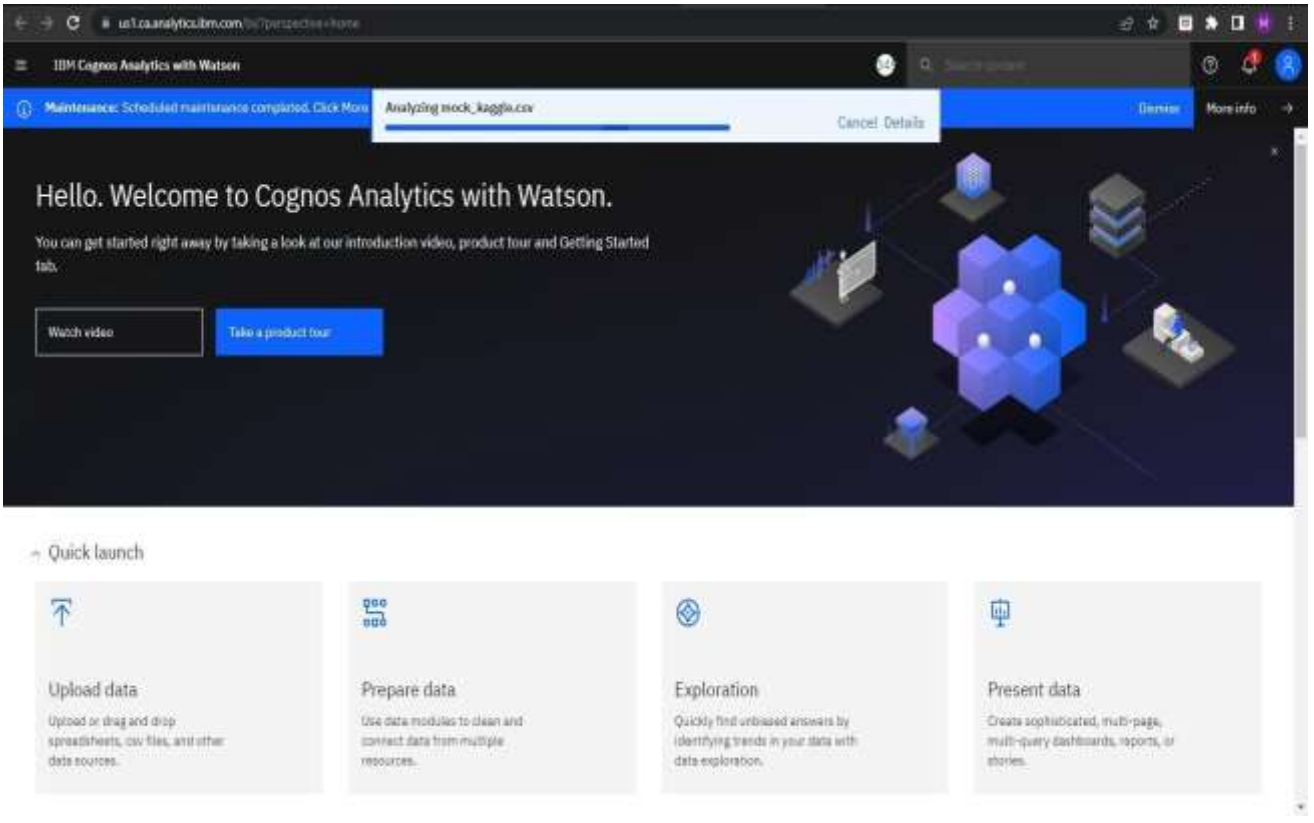
Team ID	PNT2022TMID46594
Project Name	Retail Store Stock Inventory Analytics

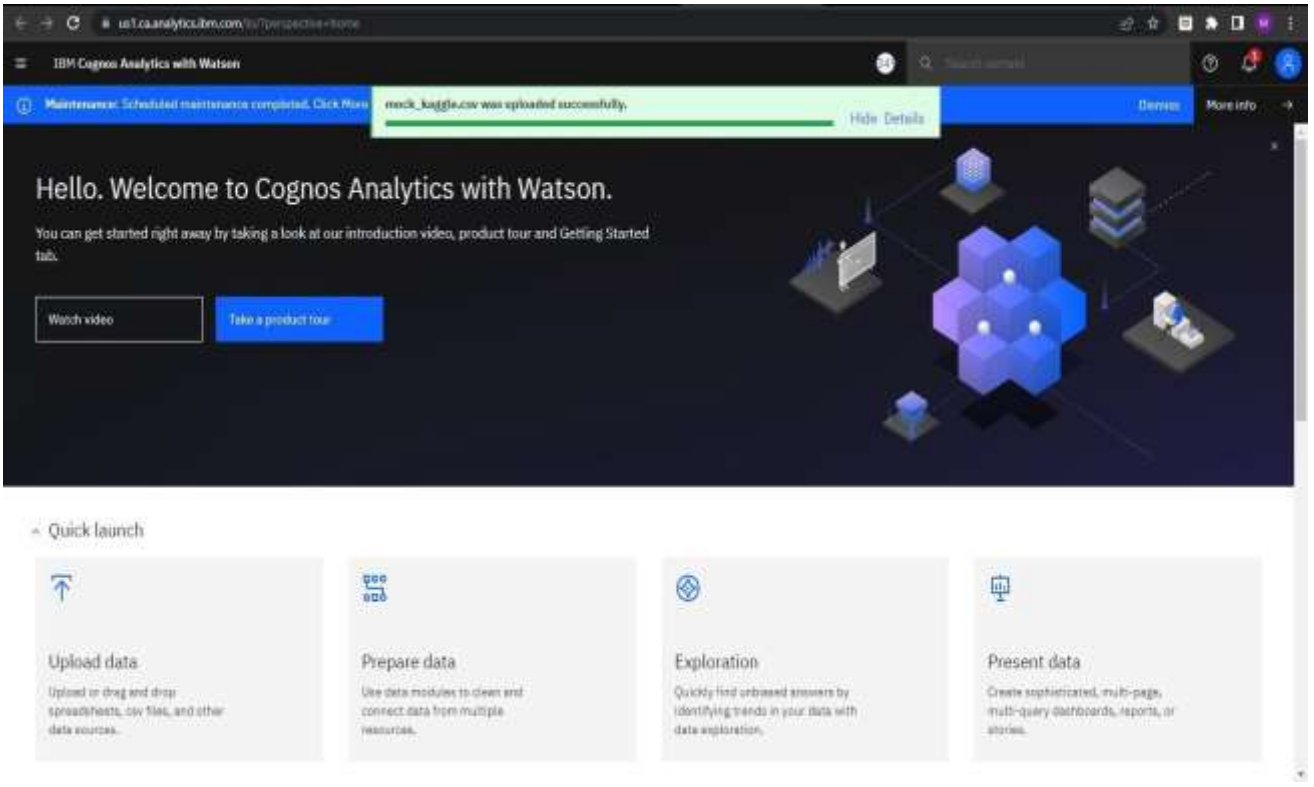
Data Collection

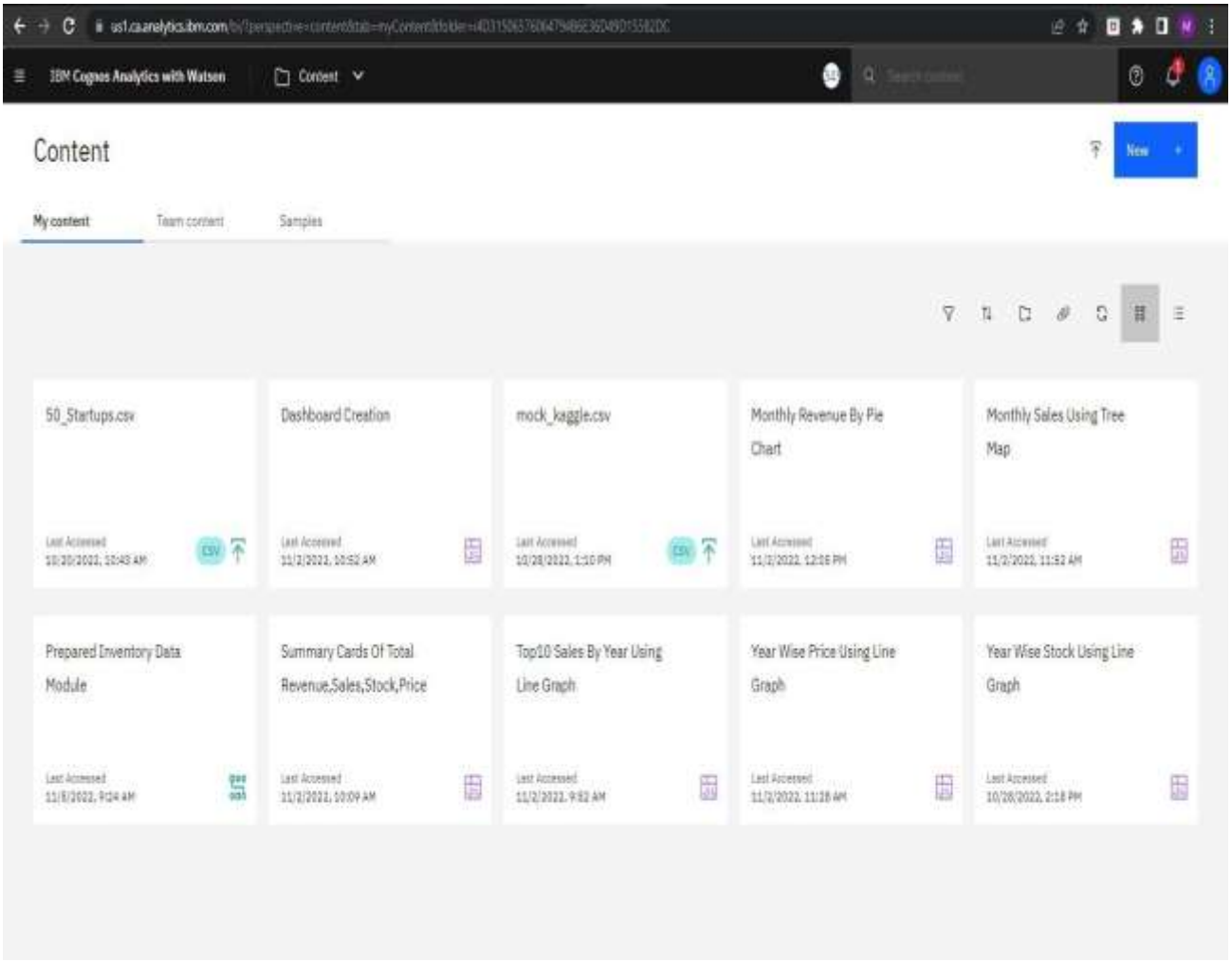
Download the Dataset

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

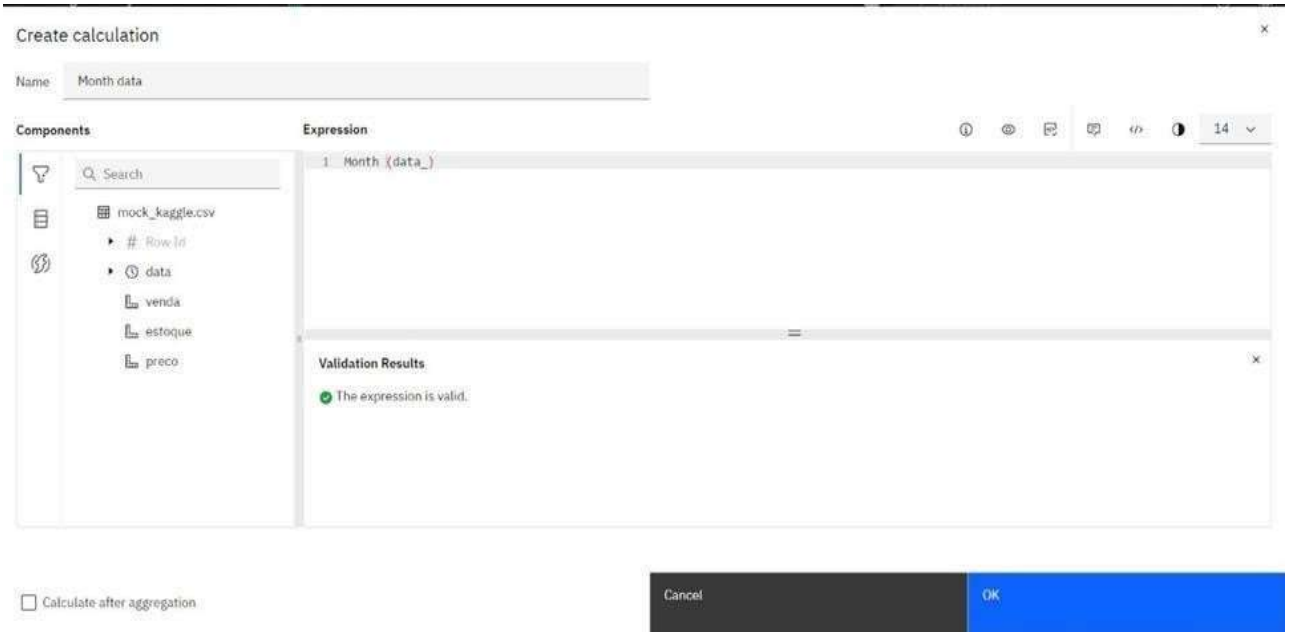
Load the Dataset:







Data Preparation


Create calculation
Name
Month data
Components
Expression
14
Search
mock_kaggle.csv
Row Id
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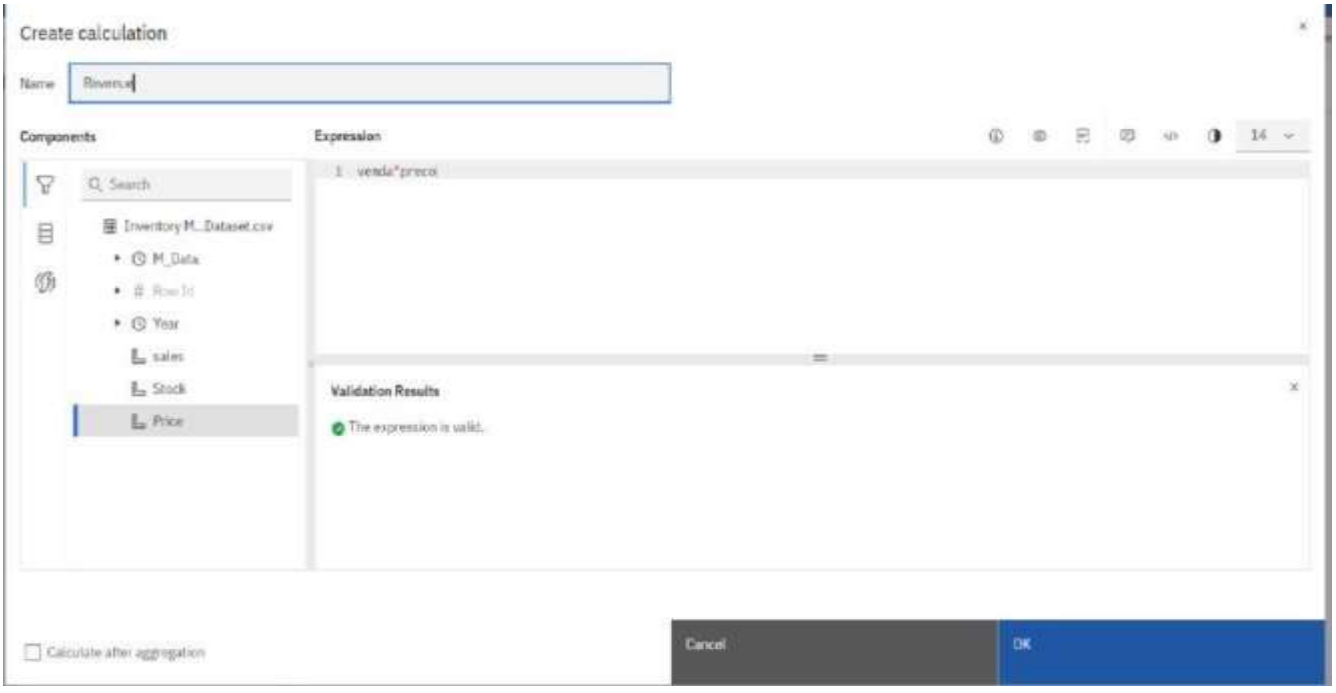
1 Month (data_)
Validation Results
The expression is valid.
Calculate after aggregation
Cancel
OK


Create calculation
Name
Revenue
Components
Expression
14
Search
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M_Data
Row Id
Year
sales
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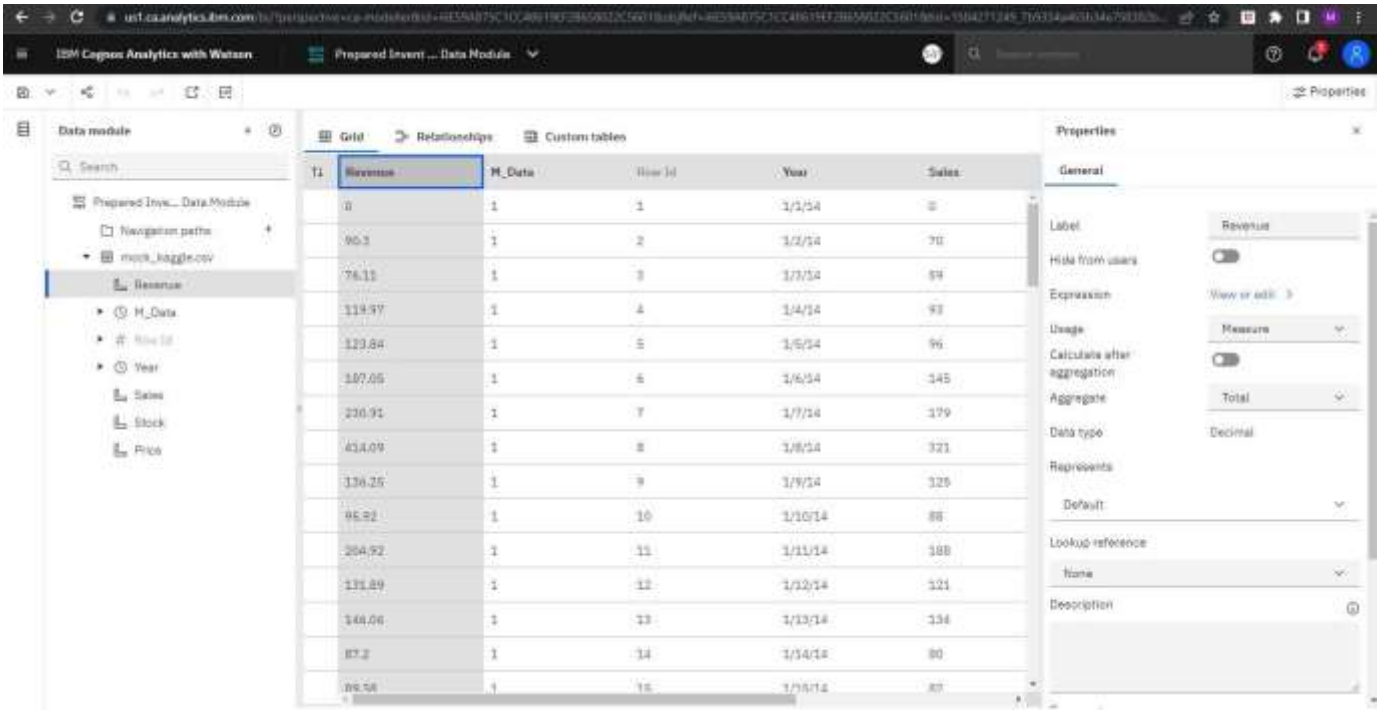
Validation Results
The expression is valid.
Calculate after aggregation
Cancel
OK


IBM Cognos Analytics with Watson
Prepared Invent ... Data Module
Properties
Data module
Search
Prepared Inve... Data Module
Navigation paths
mock_kaggle.csv
Revenue
M_Data
Year
Sales
Stock
Price
Grid
Relationships
Custom tables
Revenue
M_Data
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
414.09 1 8 1/8/14 321
136.25 1 9 1/9/14 125
96.92 1 10 1/10/14 88
204.92 1 11 1/11/14 188
131.89 1 12 1/12/14 121
146.06 1 13 1/13/14 134
87.2 1 14 1/14/14 80
Properties
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Label
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View or edit
Usage
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Calculate after aggregation
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Data type
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Represents
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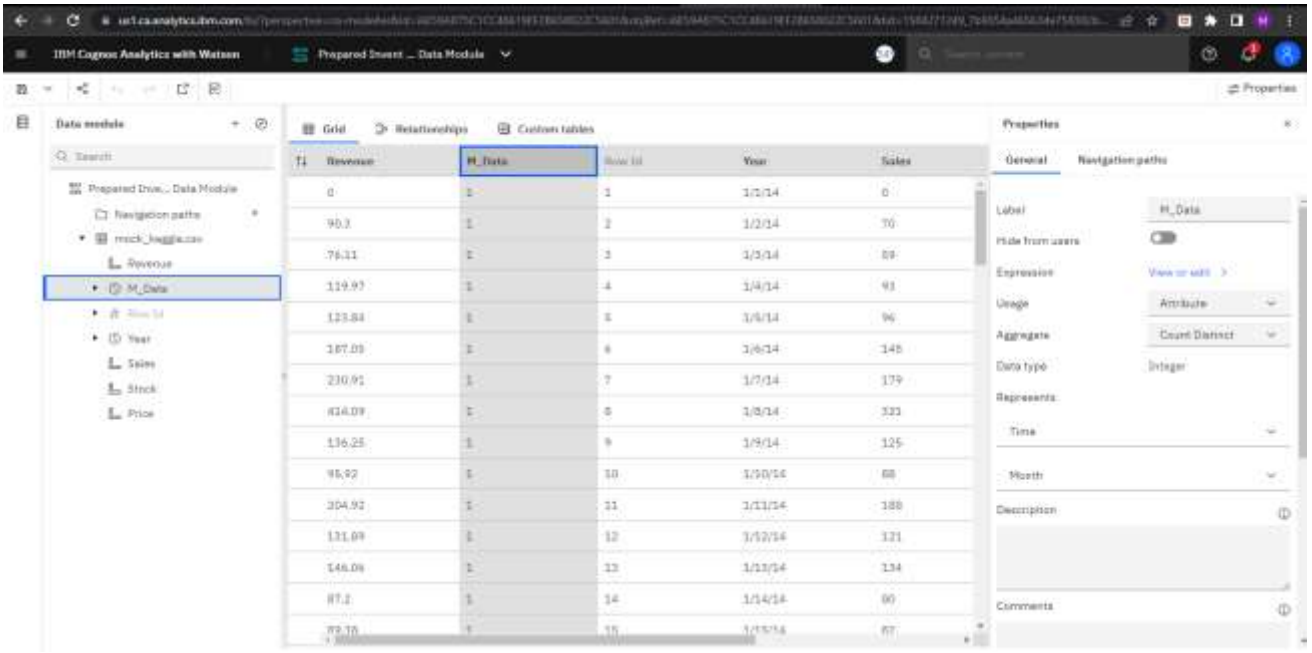
IBM Cognos Analytics with Watson
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90.3 1 2 1/2/14 70
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146.06 1 13 1/13/14 134
87.2 1 14 1/14/14 80
Properties
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Navigation paths
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Expression
View or edit
Usage
Attribute
Aggregate
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Data type
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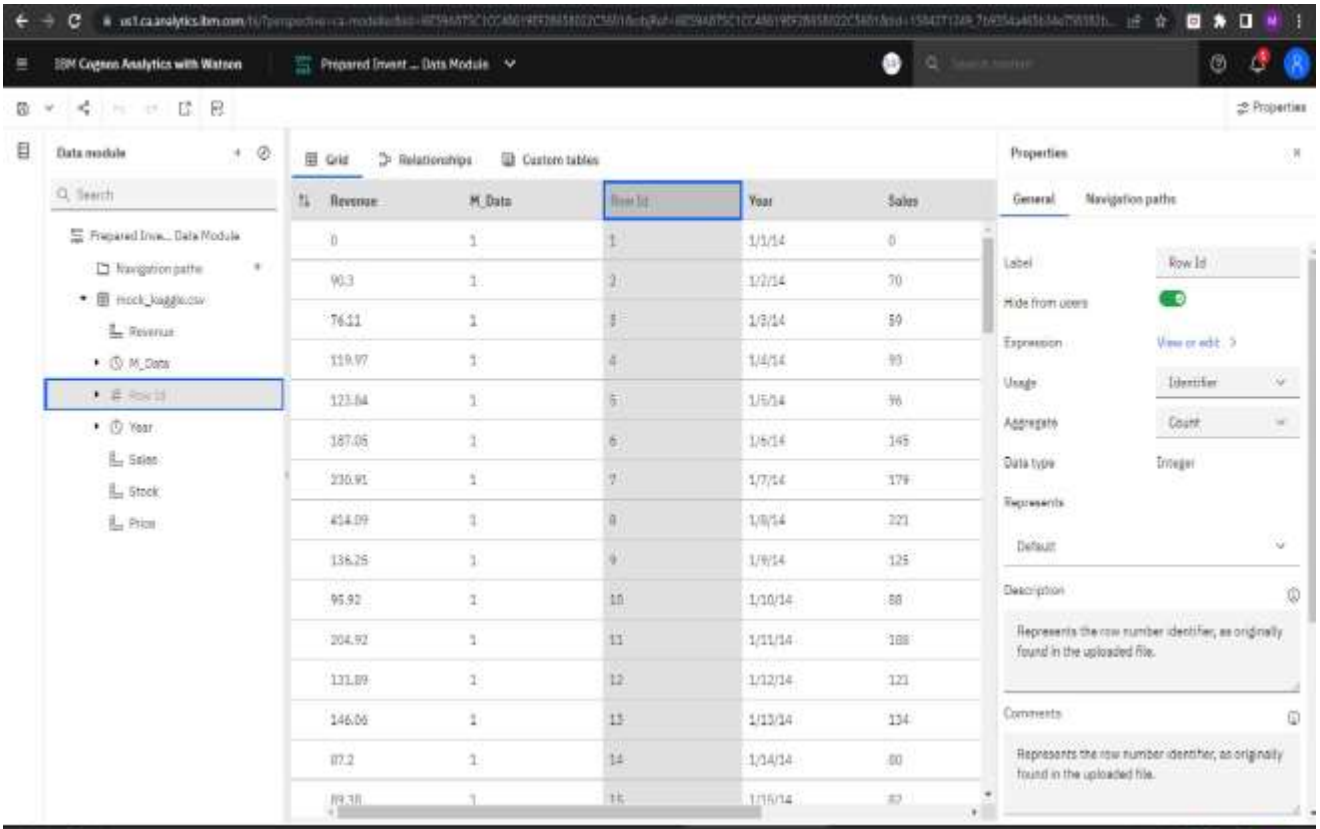
Represents
Time
Month
Description
Comments


IBM Cognos Analytics with Watson
Prepared Invent ... Data Module
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Data module
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Navigation paths
mock_kaggle.csv
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M_Data
Row Id
Year
Sales
Stock
Price
Grid
Relationships
Custom tables
Revenue
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Row Id
Year
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146.06 1 13 1/13/14 134
87.2 1 14 1/14/14 80
Properties
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Navigation paths
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Hide from users
Expression
View or edit
Usage
Identifier
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Count
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Represents
Default
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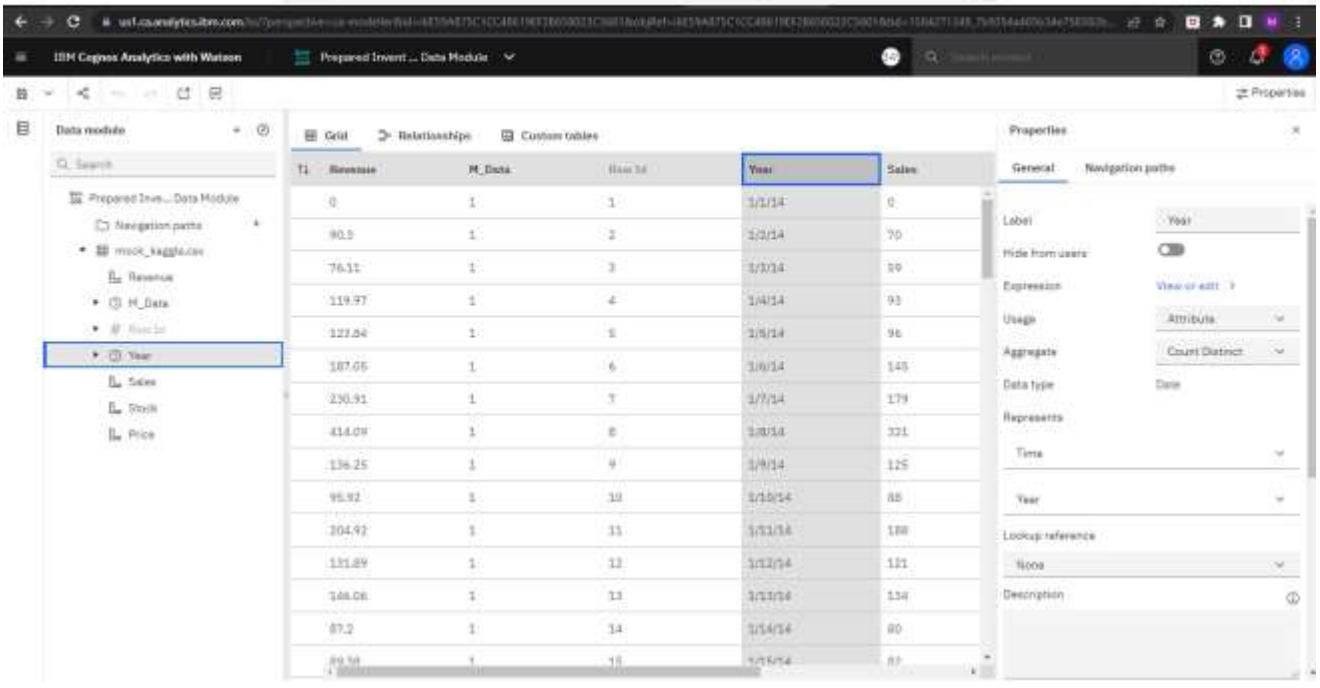
IBM Cognos Analytics with Watson
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Data module
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Navigation paths
mock_kaggle.csv
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Year
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Stock
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Custom tables
Revenue
M_Data
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Sales
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90.3 1 2 1/2/14 70
76.11 1 3 1/3/14 89
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
414.09 1 8 1/8/14 321
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95.92 1 10 1/10/14 88
204.92 1 11 1/11/14 188
131.89 1 12 1/12/14 121
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Navigation paths
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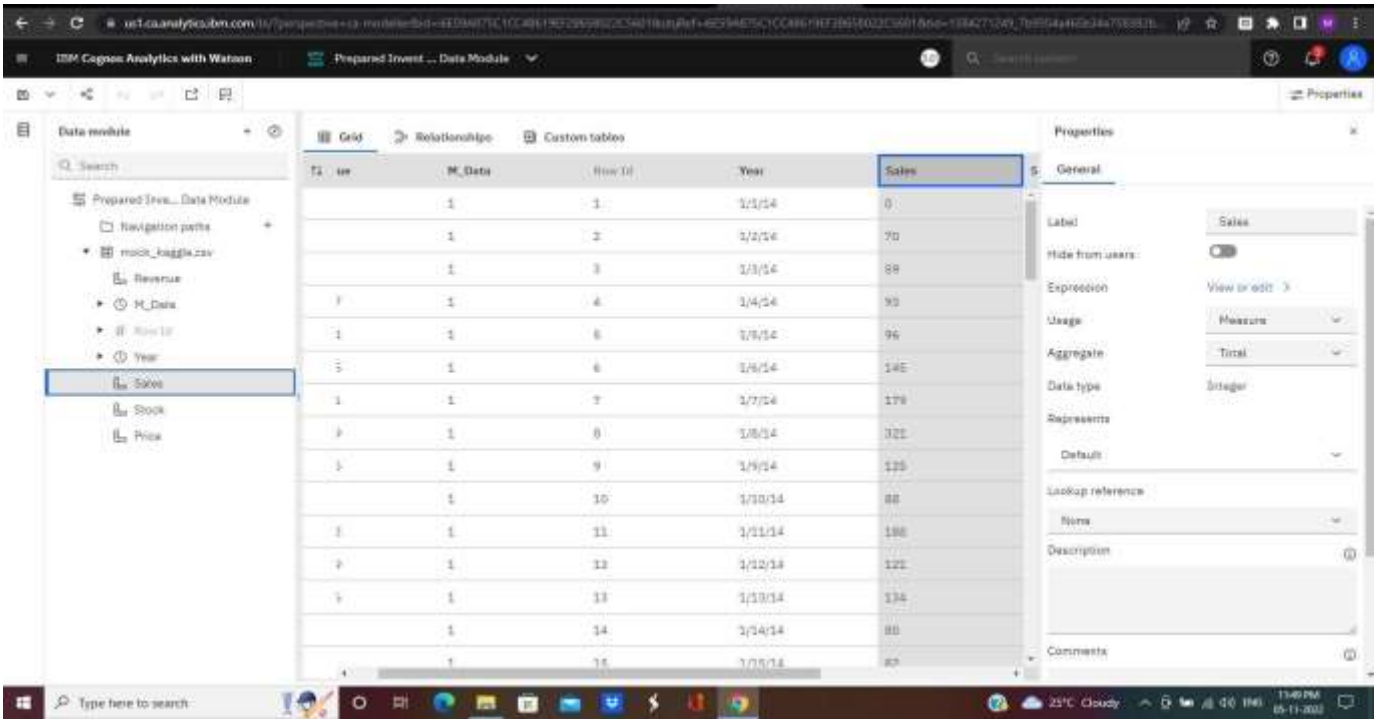
IBM Cognos Analytics with Watson
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Data module
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Navigation paths
mock_kaggle.csv
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Custom tables
Row Id
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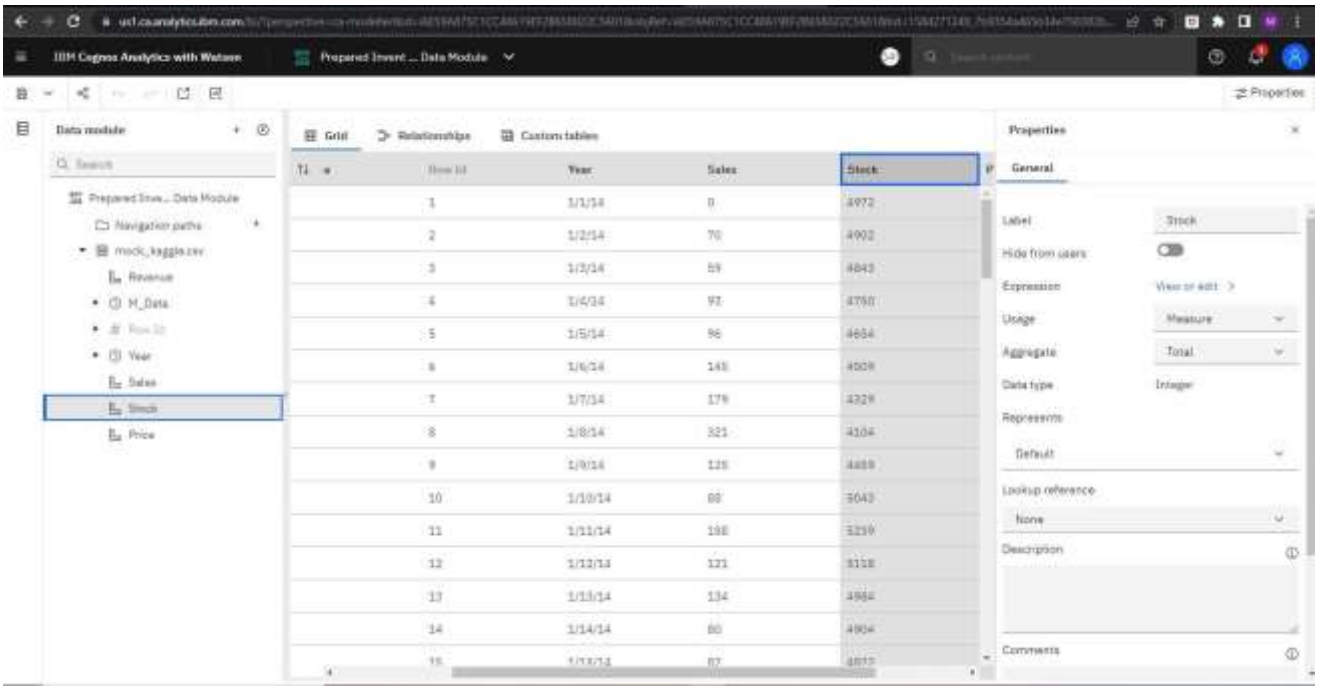
IBM Cognos Analytics with Watson
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Revenue
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Row Id
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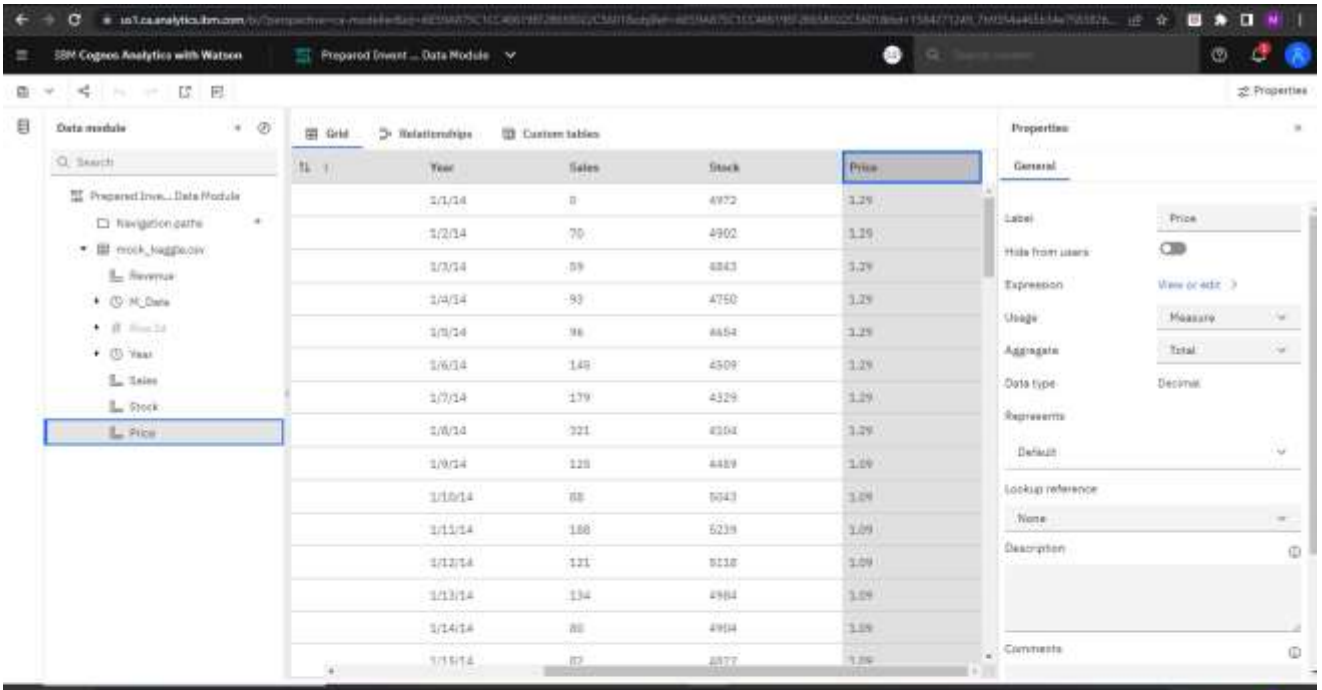
IBM Cognos Analytics with Watson
Prepared Invent ... Data Module
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Data module
Grid
Relationships
Custom tables
Year
Sales
Stock
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1/6/14
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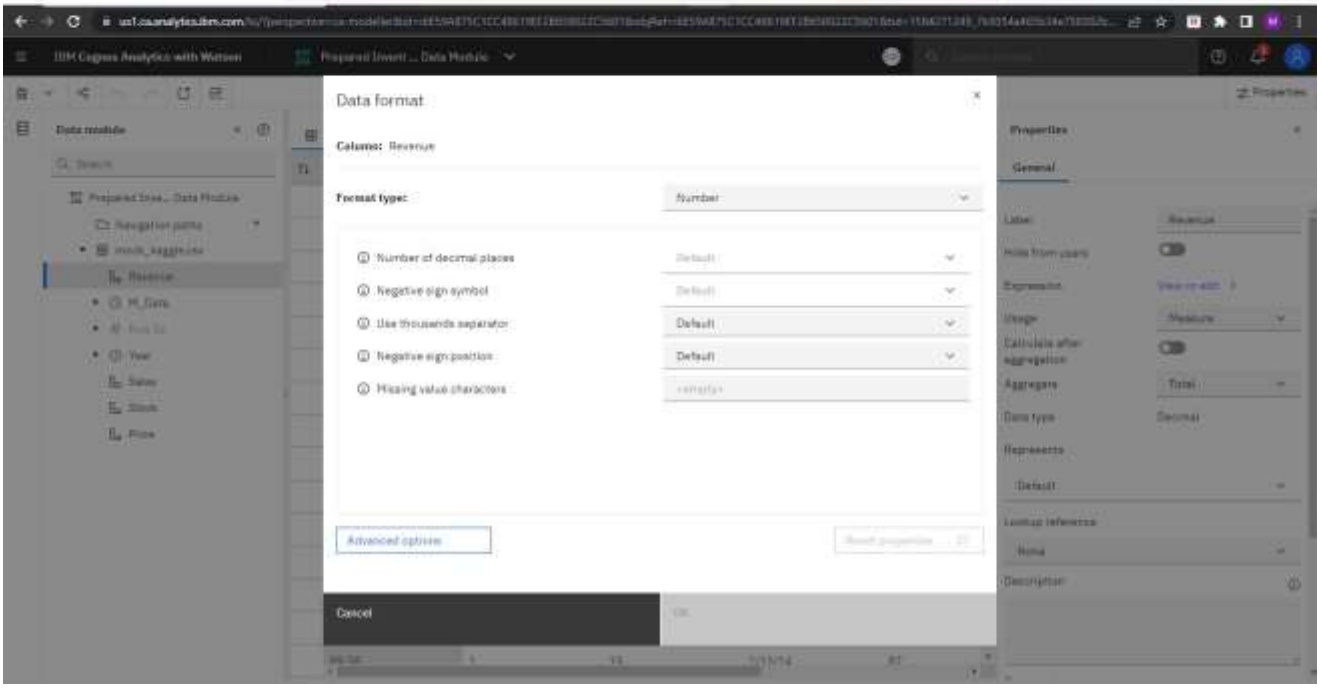
IBM Cognos Analytics with Watson
Prepared Invent ... Data Module
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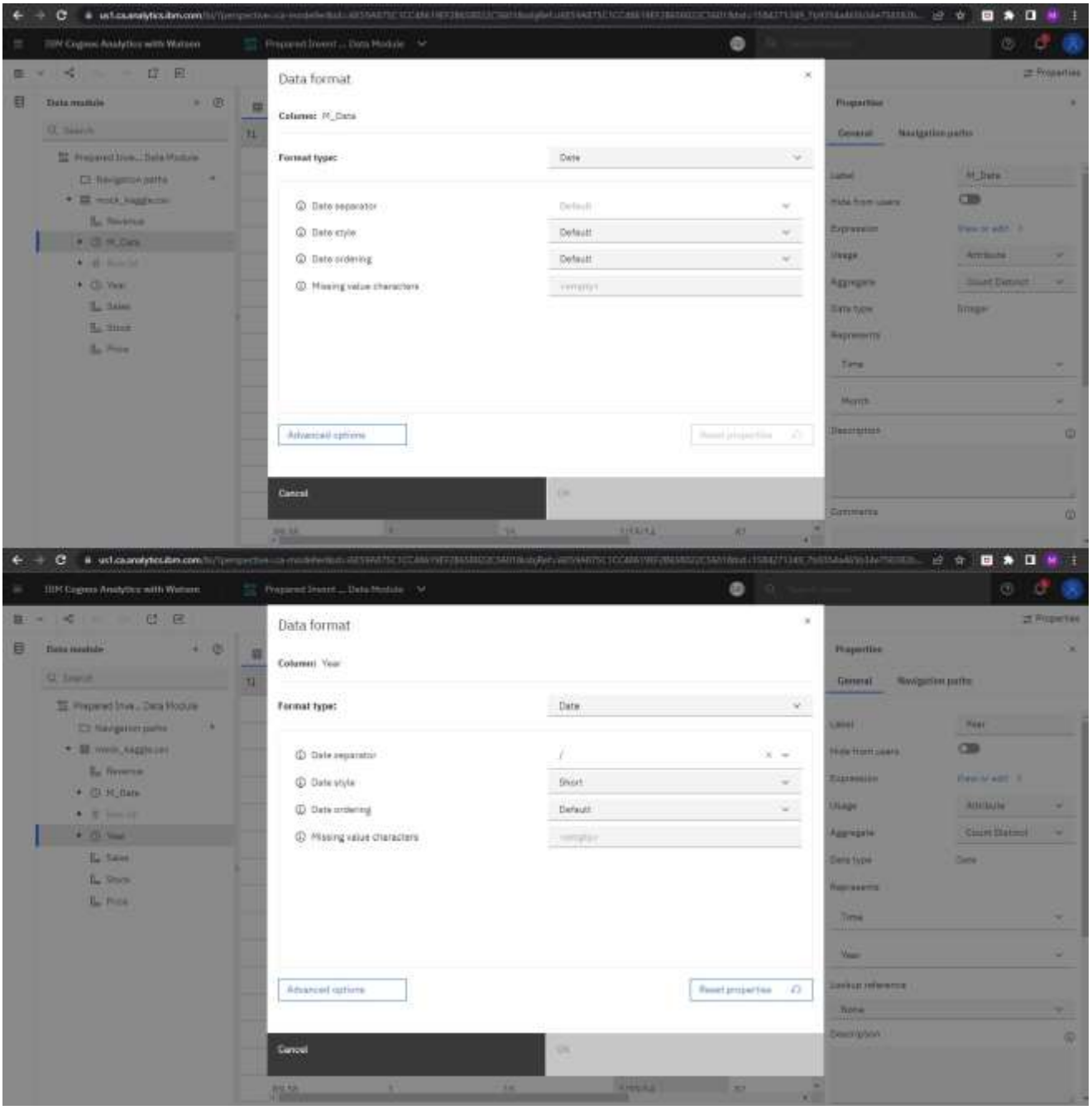
Format type:
Number
Number of decimal places
Negative sign symbol
Use thousands separator
Default
Negative sign position
Default
Missing value characters
Advanced options
Cancel
OK


Data format
Columns: M_Data
Format type:
Date
Date separator
Date style
Default
Date ordering
Default
Missing value characters
Advanced options
Cancel
Data format
Columns: Year
Format type:
Date
Date separator
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Date style
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Date ordering
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Advanced options
Reset properties
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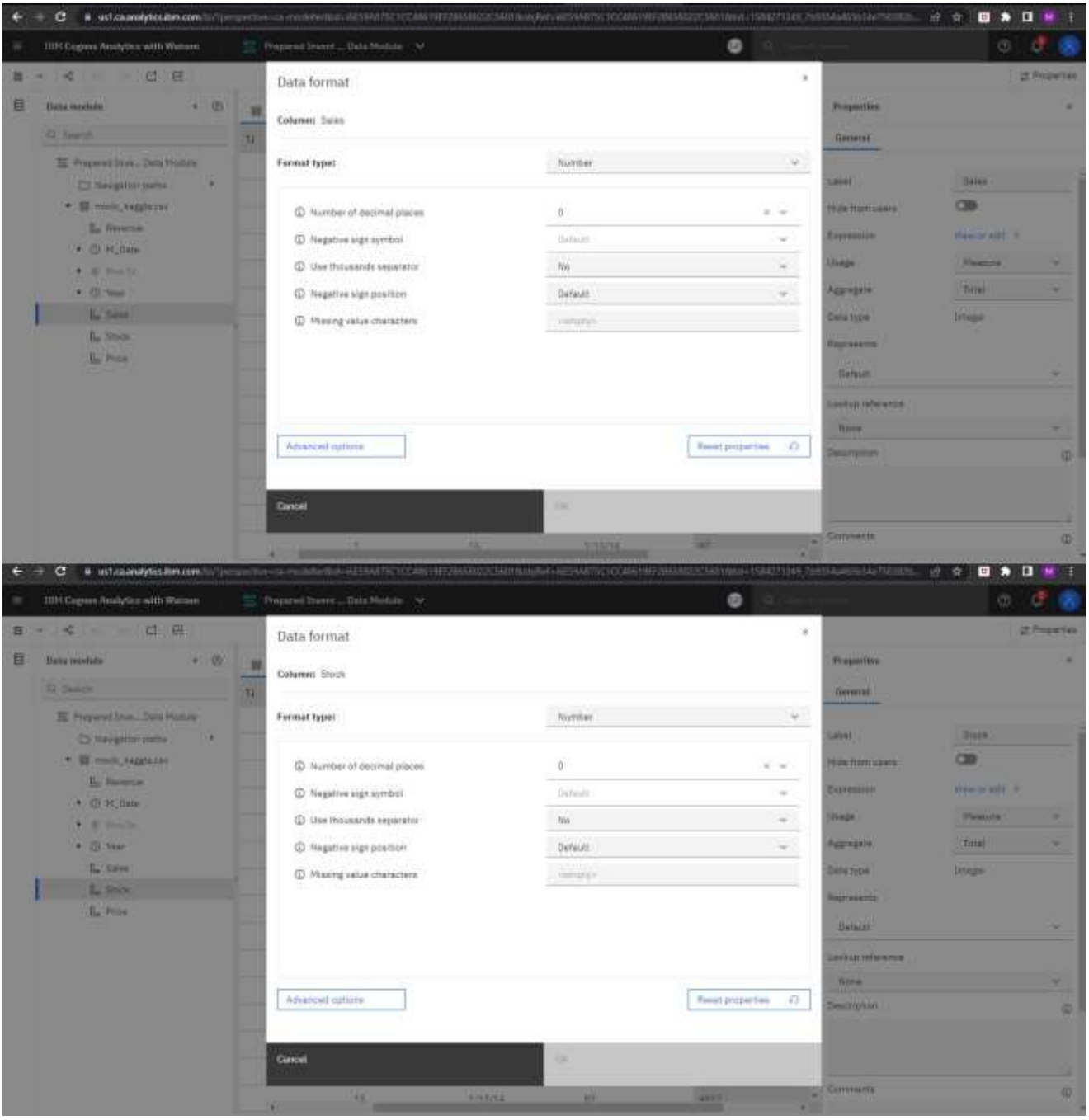
IBM Cognos Analytics with Watson
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Number of decimal places
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Negative sign position
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Advanced options
Reset properties
Cancel
OK
Data format
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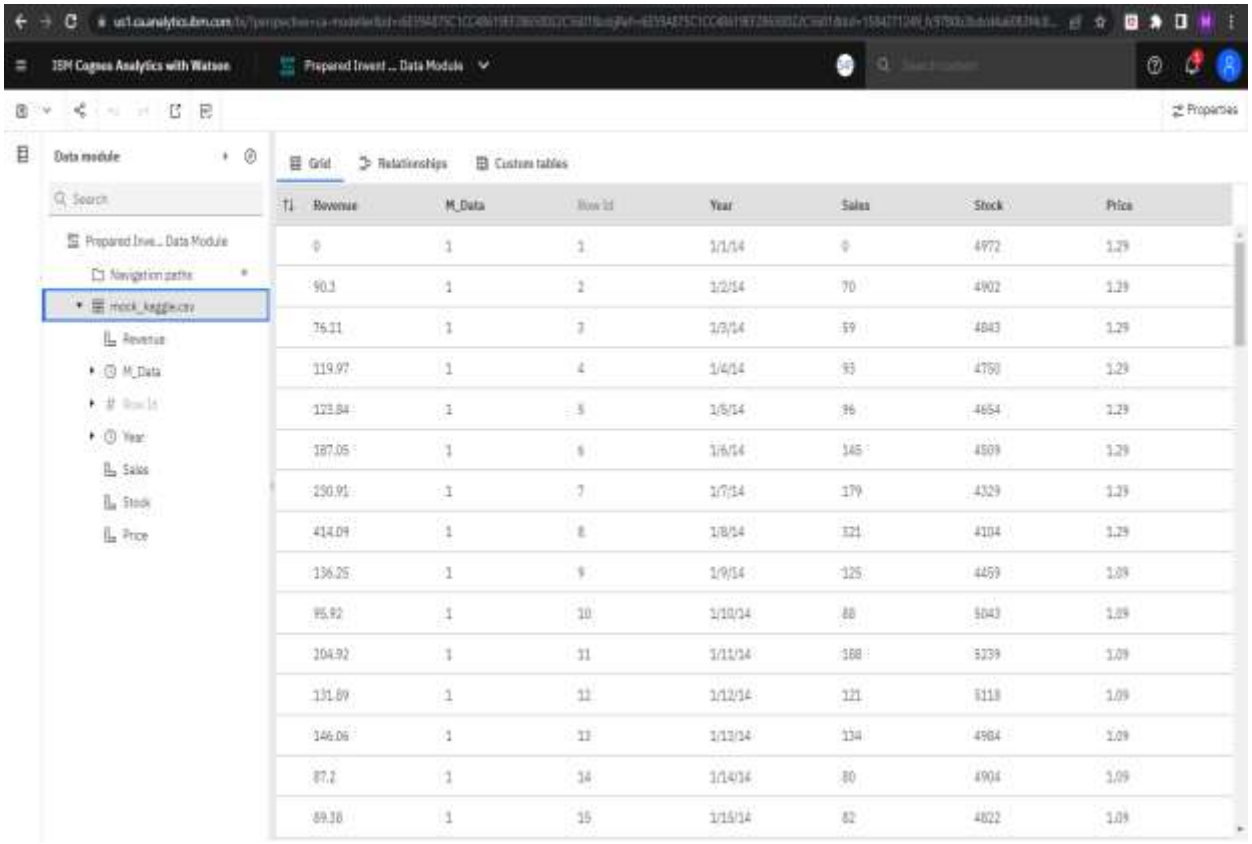

Revenue	M_Data	Row Id	Year	Sales	Stock	Price
0	1	1	1/1/14	0	4972	1.29
90.3	1	2	1/2/14	70	4902	1.29
76.11	1	3	1/3/14	59	4843	1.29
119.97	1	4	1/4/14	93	4750	1.29
123.84	1	5	1/5/14	96	4654	1.29
187.05	1	6	1/6/14	145	4509	1.29
230.91	1	7	1/7/14	179	4329	1.29
414.09	1	8	1/8/14	321	4104	1.29
136.25	1	9	1/9/14	125	4459	1.09
95.92	1	10	1/10/14	88	5043	1.09
204.92	1	11	1/11/14	188	5239	1.09
131.89	1	12	1/12/14	121	5118	1.09
146.06	1	13	1/13/14	134	4984	1.09
87.2	1	14	1/14/14	80	4904	1.09
89.38	1	15	1/15/14	82	4822	1.09