

Project Development Phase Delivery of Sprint-1

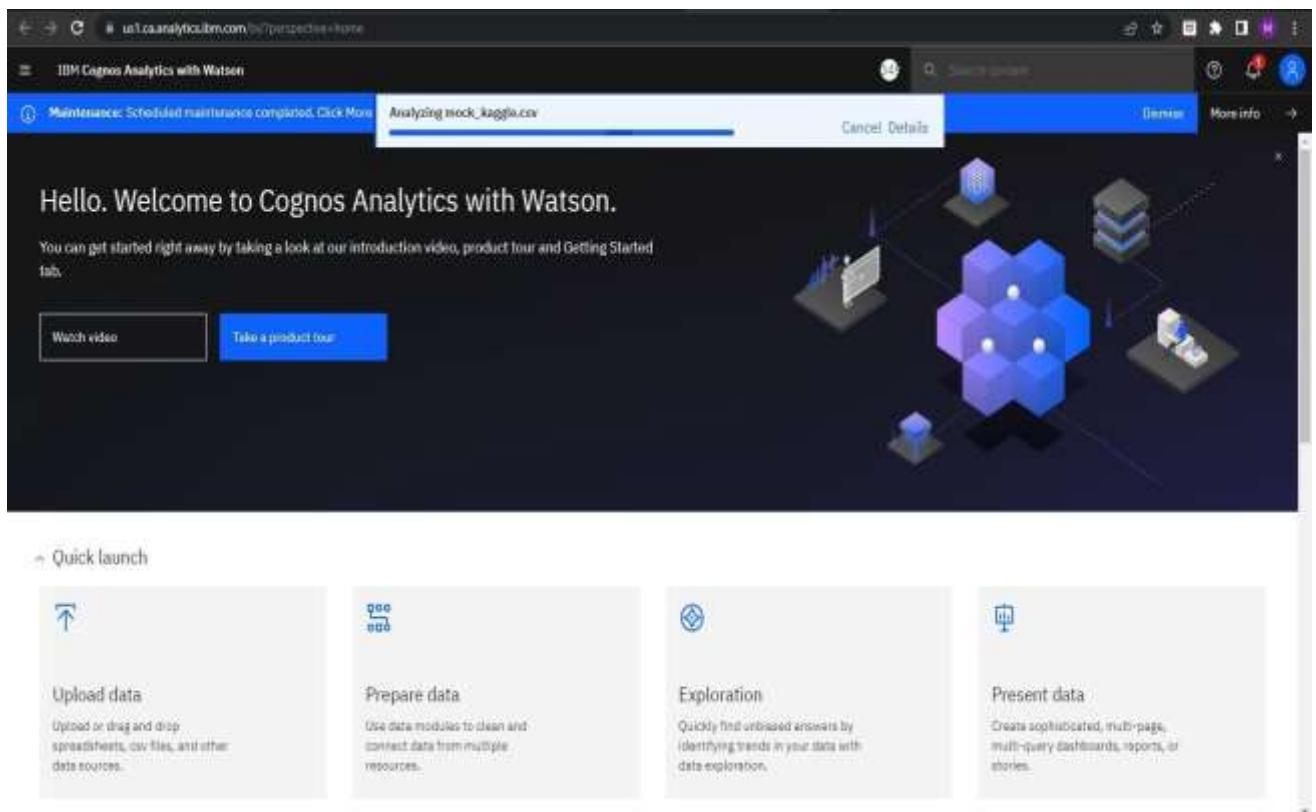
Team ID	PNT2022TMID32070
Project Name	Retail Store Stock Inventory Analytics

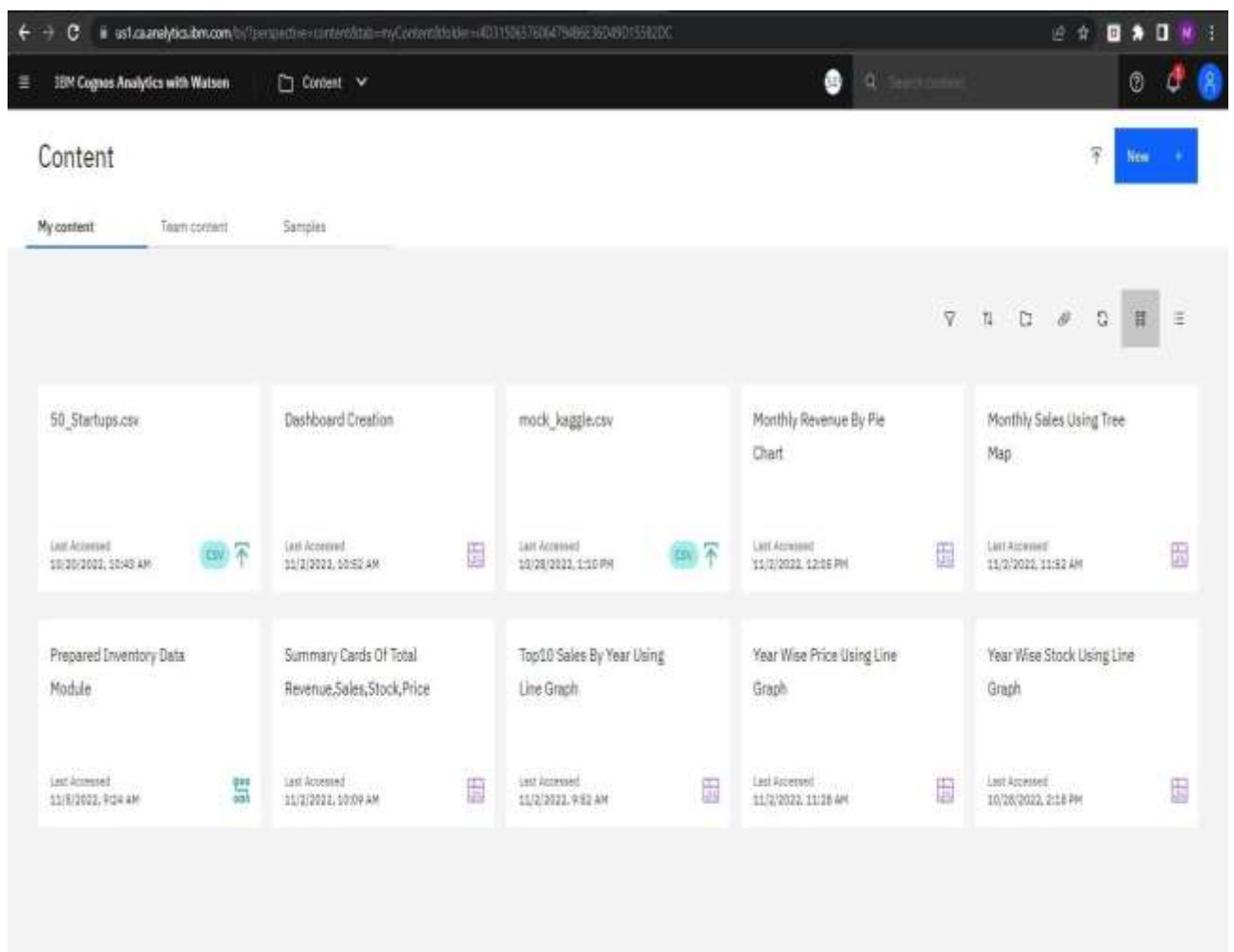
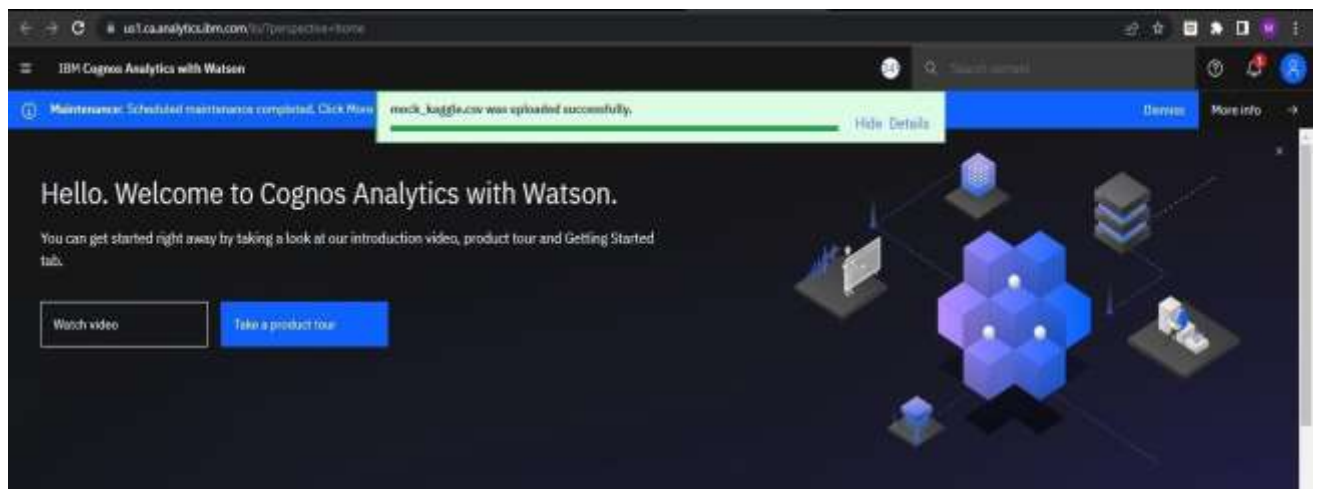
Data Collection

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

1 Month (data_)

Validation Results

The expression is valid.

Calculate after aggregation

Cancel

OK

Create calculation

Name

Revenue

Components

1 : venda*preco

Validation Results

The expression is valid.

Calculate after aggregation

Cancel

OK

IBM Cognos Analytics with Watson

Prepared Inven... Data Module

Data module

Grid Relationships Custom tables

T1	Revenue	M_Data	Row Id	Year	Sales
0		1	1	1/1/14	0
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
434.09		1	8	1/8/14	321
136.25		1	9	1/9/14	125
95.92		1	10	1/10/14	88
304.92		1	11	1/11/14	188
131.89		1	12	1/12/14	121
148.06		1	13	1/13/14	134
87.2		1	14	1/14/14	80
89.78		1	15	1/15/14	87

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:

IBM Cognos Analytics with Watson

Prepared Inven... Data Module

Data module

Grid Relationships Custom tables

T1	Revenue	M_Data	Row Id	Year	Sales
0		1	1	1/1/14	0
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
434.09		1	8	1/8/14	321
136.25		1	9	1/9/14	125
95.92		1	10	1/10/14	88
304.92		1	11	1/11/14	188
131.89		1	12	1/12/14	121
148.06		1	13	1/13/14	134
87.2		1	14	1/14/14	80
89.78		1	15	1/15/14	87

Properties

General Navigation paths

Label: M_Data

Hide from users: ☐

Expression: View or edit

Usage: Attribute

Aggregate: Count Distinct

Data type: Integer

Represents: Time

Time: Month

Description:

Comments:

IBM Cognos Analytics with Watson

Prepared Invert ... Data Module

Data module

Grid Relationships Custom tables

T1	Revenue	M_Data	Row Id	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	221
138.25		1	9	1/9/14	125
95.92		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
89.38		1	15	1/15/14	87

Properties

General Navigation paths

Label Row Id

Hide from users ☒

Expression [View or edit](#)

Usage Identifier

Aggregate Count

Data type Integer

Represents

Default

Description Represents the row number identifier, as originally found in the uploaded file.

Comments Represents the row number identifier, as originally found in the uploaded file.

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Prepared Invert ... Data Module

Data module

Grid Relationships Custom tables

T1	Revenue	M_Data	Row Id	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	221
138.25		1	9	1/9/14	125
95.92		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
89.38		1	15	1/15/14	87

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

IBM Cognos Analytics with Watson

Prepared Inven... Data Module

Data module

Grid

Measure	M_Data	Row ID	Year	Sales
1	1	1	1/1/14	0
1	1	2	1/2/14	70
1	1	3	1/3/14	89
1	1	4	1/4/14	93
1	1	5	1/5/14	96
1	1	6	1/6/14	145
1	1	7	1/7/14	179
1	1	8	1/8/14	321
1	1	9	1/9/14	125
1	1	10	1/10/14	88
1	1	11	1/11/14	188
1	1	12	1/12/14	121
1	1	13	1/13/14	134
1	1	14	1/14/14	88
1	1	15	1/15/14	87

Properties

General

Label: Sales

Hide from users: ☐

Expression: View or edit

Usage: Measure

Aggregate: Total

Data type: Integer

Represents: Default

Lookup reference: None

Description:

Comments:

IBM Cognos Analytics with Watson

Prepared Inven... Data Module

Data module

Grid

Measure	Row ID	Year	Sales	Stock
1	1	1/1/14	0	2972
1	2	1/2/14	70	2902
1	3	1/3/14	89	2843
1	4	1/4/14	93	2750
1	5	1/5/14	96	2654
1	6	1/6/14	145	2509
1	7	1/7/14	179	2329
1	8	1/8/14	321	2104
1	9	1/9/14	125	2089
1	10	1/10/14	88	2043
1	11	1/11/14	188	2239
1	12	1/12/14	121	2118
1	13	1/13/14	134	2064
1	14	1/14/14	88	2004
1	15	1/15/14	87	2015

Properties

General

Label: Stock

Hide from users: ☐

Expression: View or edit

Usage: Measure

Aggregate: Total

Data type: Integer

Represents: Default

Lookup reference: None

Description:

Comments:

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Prepared Inven... Data Module

Data module

- Prepared Inven... Data Module
 - Navigation paths
 - mock_haggle.csv
 - Revenue
 - M_Data
 - Year
 - Sales
 - Stock
 - Price

Year	Sales	Stock	Price
1/1/14	0	4972	1.29
1/2/14	70	4902	1.19
1/3/14	89	4843	1.29
1/4/14	93	4750	1.29
1/5/14	96	4654	1.29
1/6/14	148	4509	1.29
1/7/14	179	4329	1.29
1/8/14	221	4204	1.29
1/9/14	128	4489	1.09
1/10/14	88	5043	1.09
1/11/14	168	5239	1.09
1/12/14	121	5138	1.09
1/13/14	134	4984	1.09
1/14/14	88	4984	1.09
1/15/14	87	4877	1.09

Properties

General

Label: Price

Hide from users: ☐

Expression: View or edit

Usage: Measure

Aggregate: Total

Data type: Decimal

Represents: Default

Lookup reference: None

Description:

Comments:

IBM Cognos Analytics with Watson

Prepared Inven... Data Module

Data format

Columns: Revenue

Format type: Number

☐ Number of decimal places: Default

☐ Negative sign symbol: Default

☐ Use thousands separator: Default

☐ Negative sign position: Default

☐ Missing value characters: empty

Advanced options

Cancel OK

Properties

General

Label: Revenue

Hide from users: ☐

Expression: View or edit

Usage: Measure

Calculate after aggregation: ☐

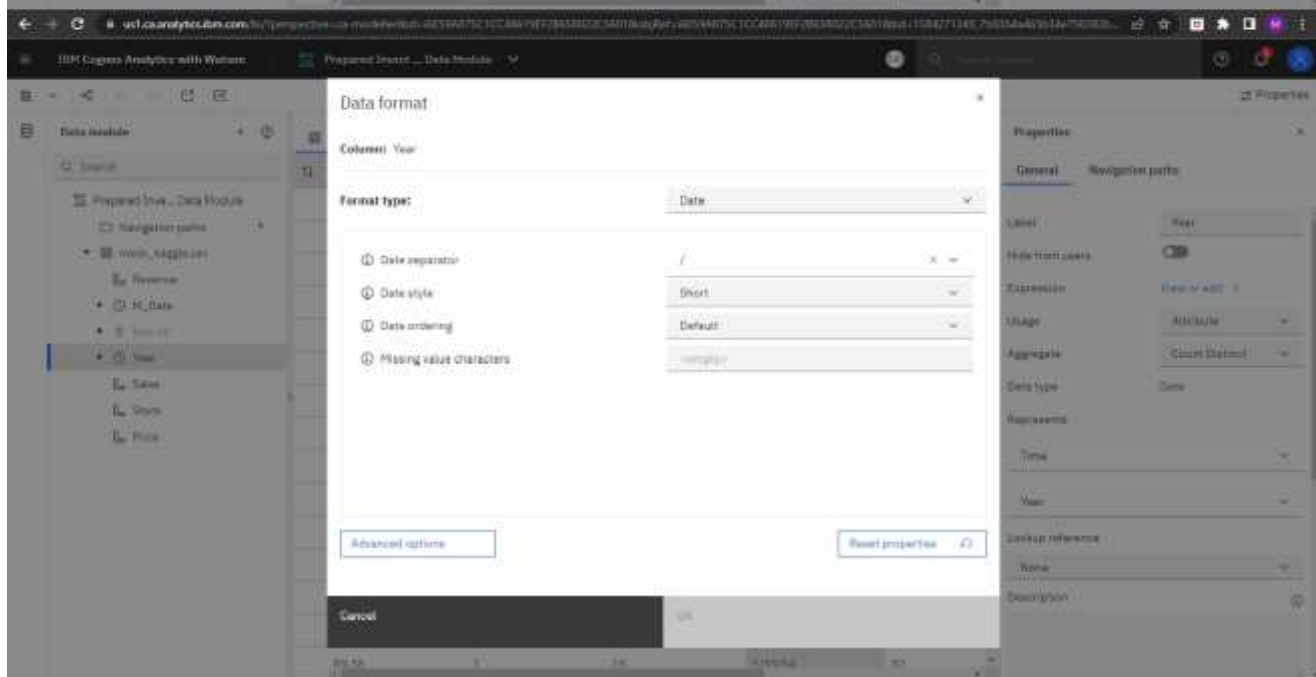
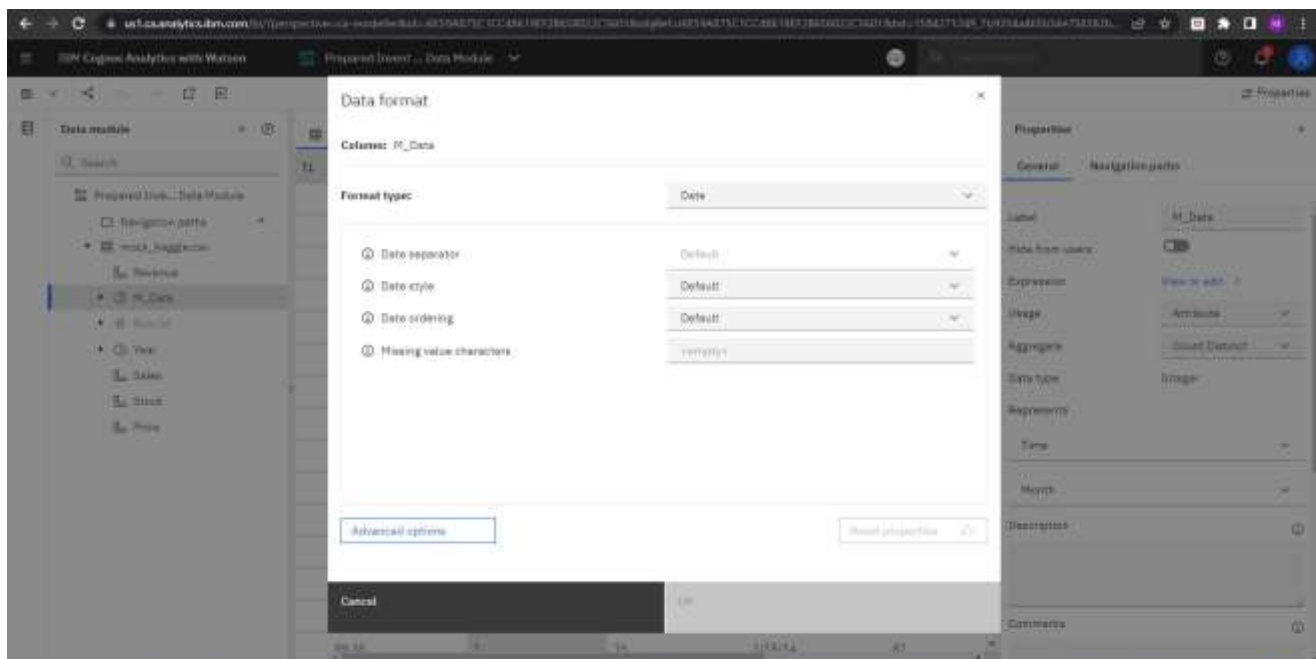
Aggregate: Total

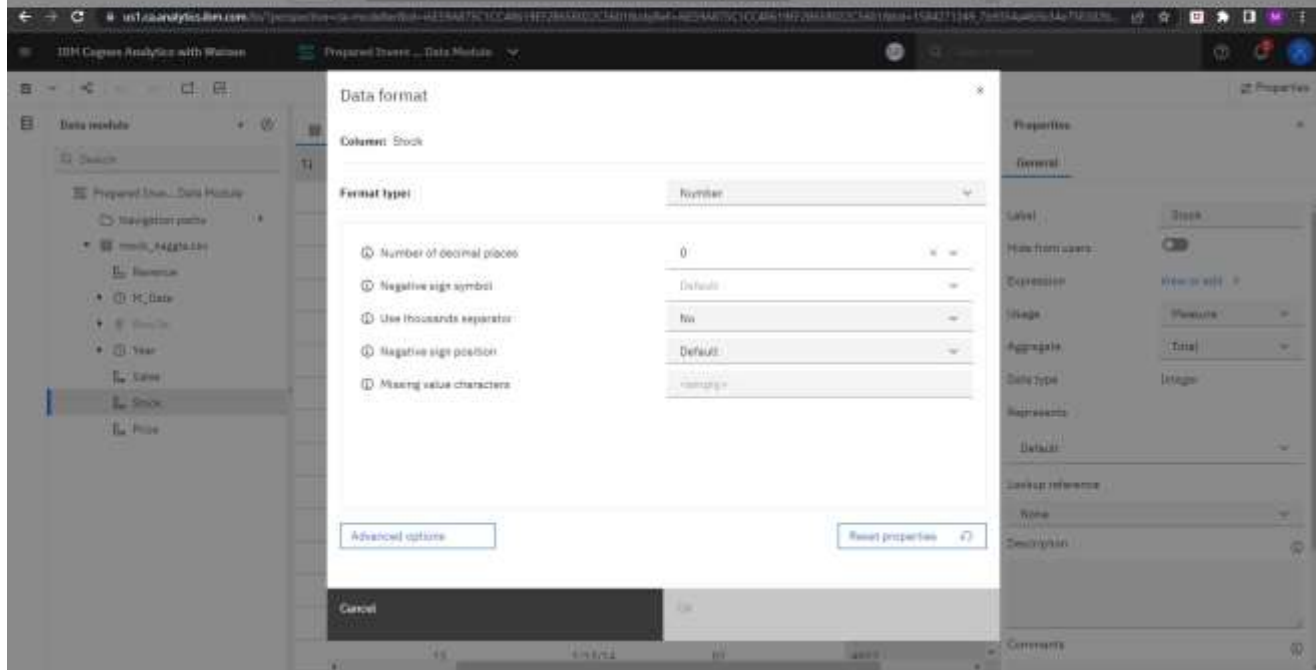
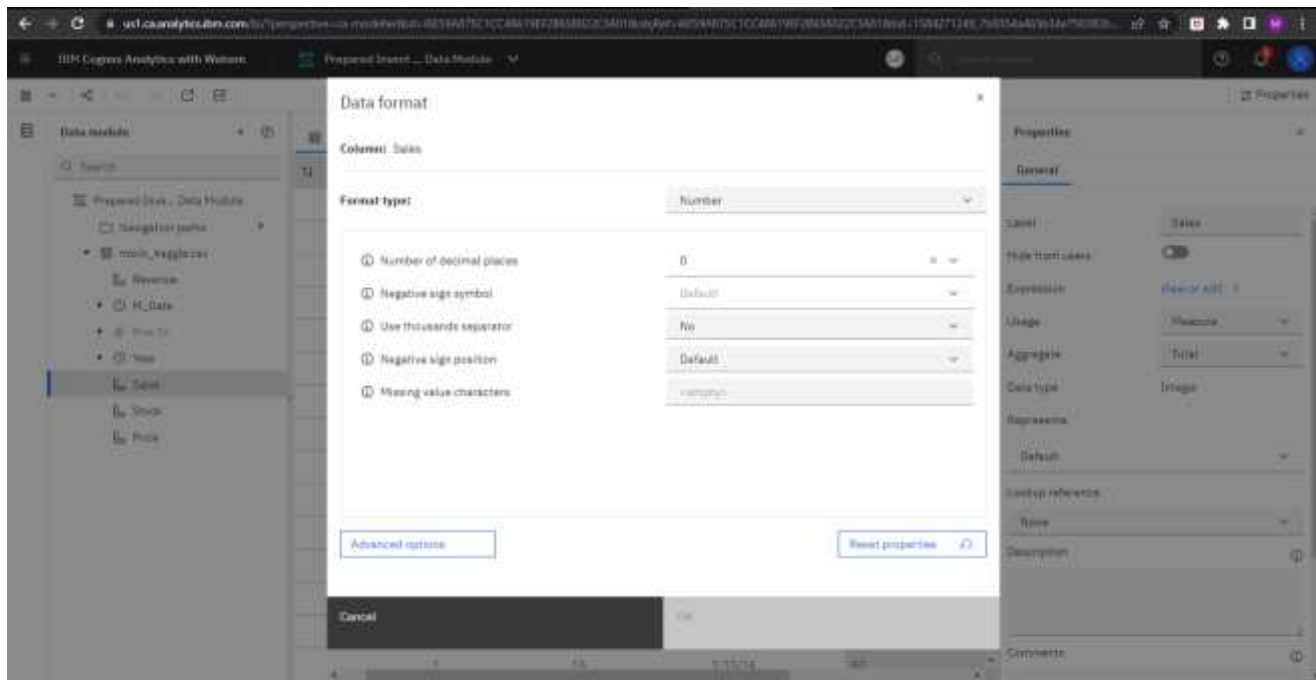
Data type: Decimal

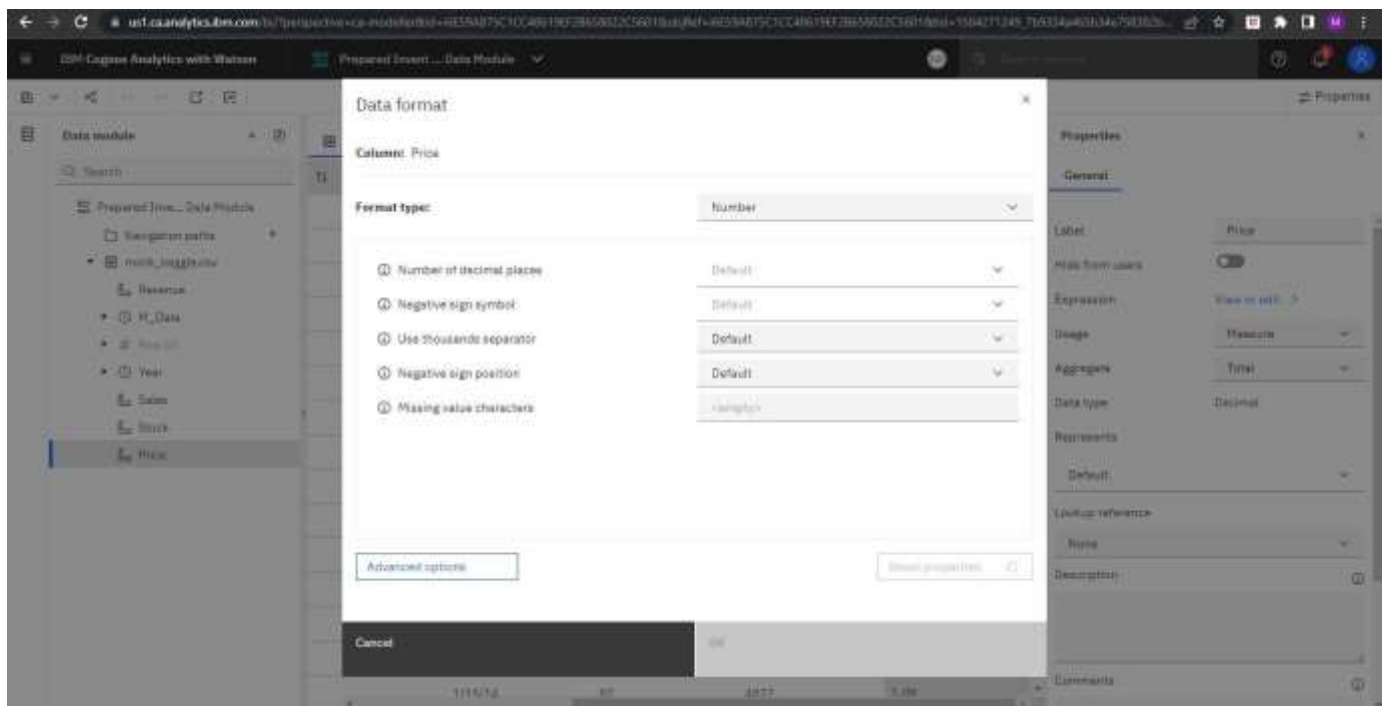
Represents: Default

Lookup reference: None

Description:







Prepared data link:

https://us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&pathRef=.my_folders%2FPrepared%2BInventory%2BData%2BModule

Revenue	M_Data	Row Id	Year	Sales	Stock	Price
0	1	1	1/1/14	0	4972	1.29
90.1	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
85.92	1	10	1/10/14	88	5043	1.09
104.92	1	11	1/11/14	188	5239	1.09
131.89	1	12	1/12/14	221	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