

## **Project Development Phase**

### **Delivery of Sprint-1**

Team ID	PNT2022TMID27175
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

## Project Contributors

Team Lead – Prasanth G  
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**TEAM ID: PNT2022TMID27175**

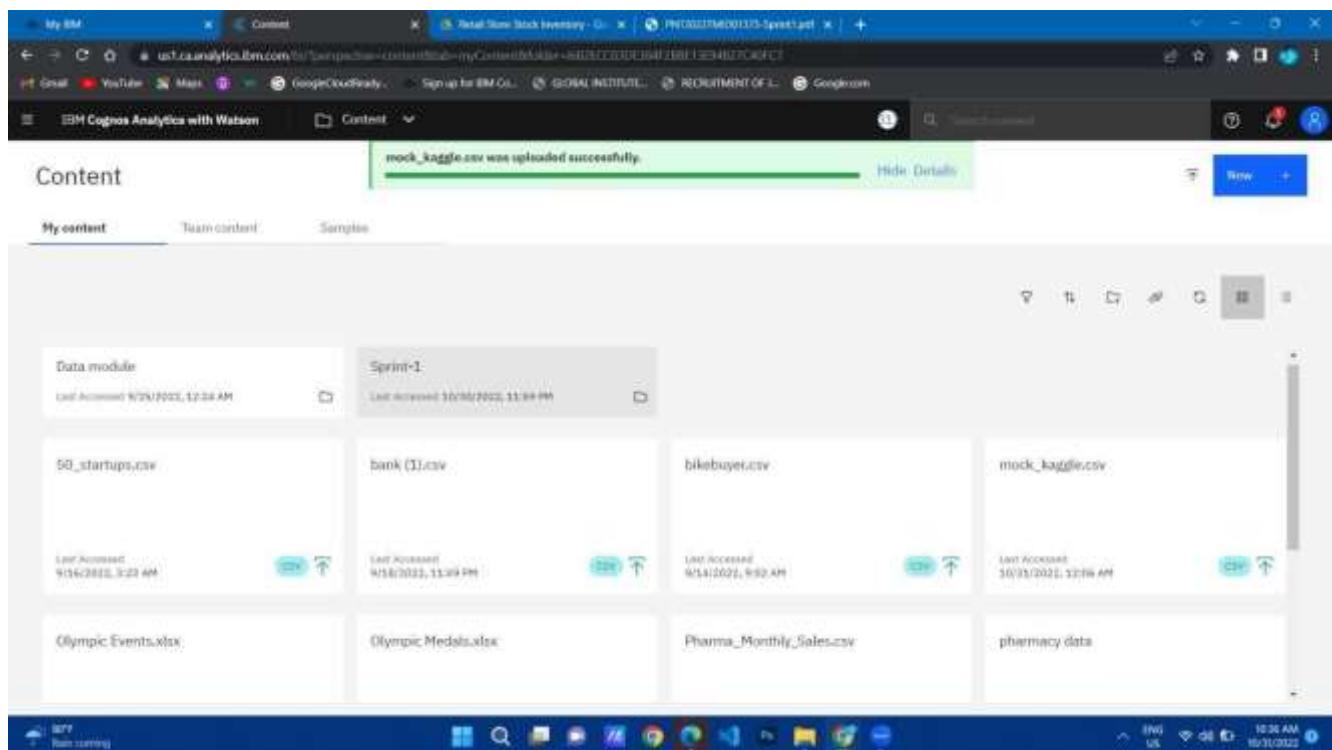
## **Sprint-1: Data Collection:**

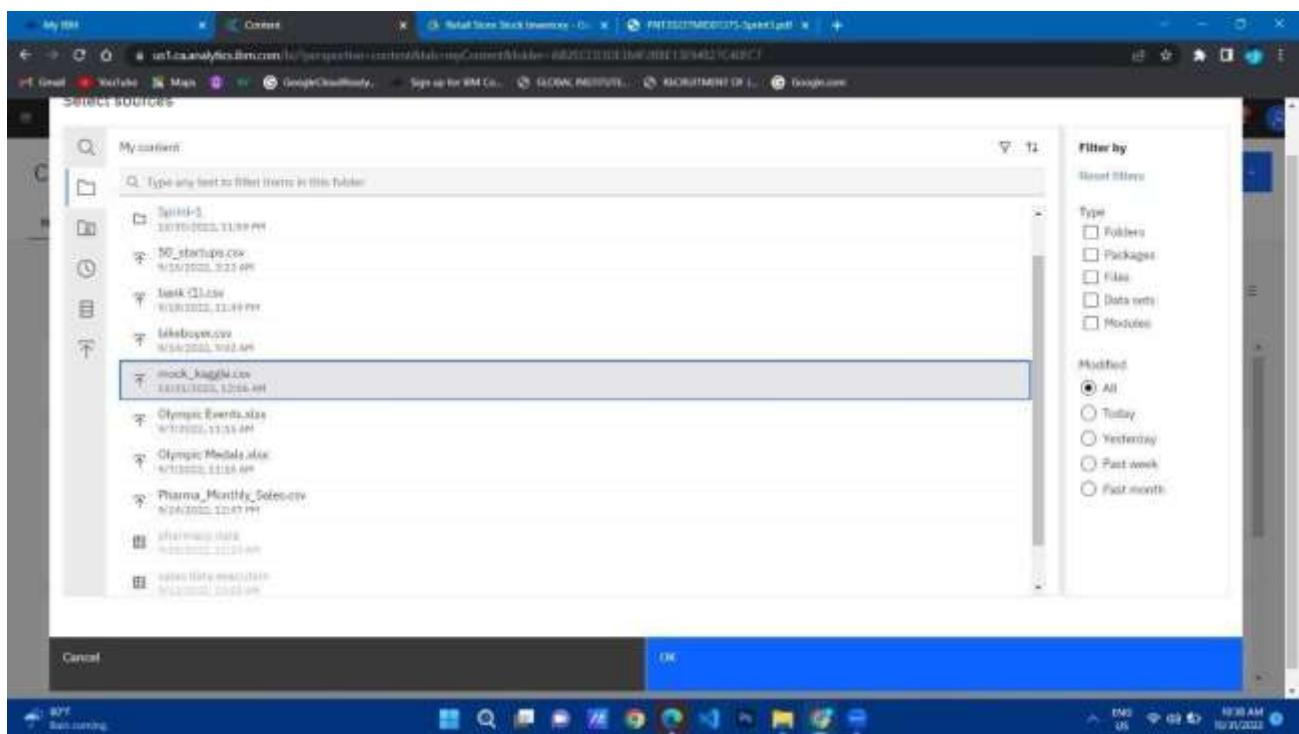
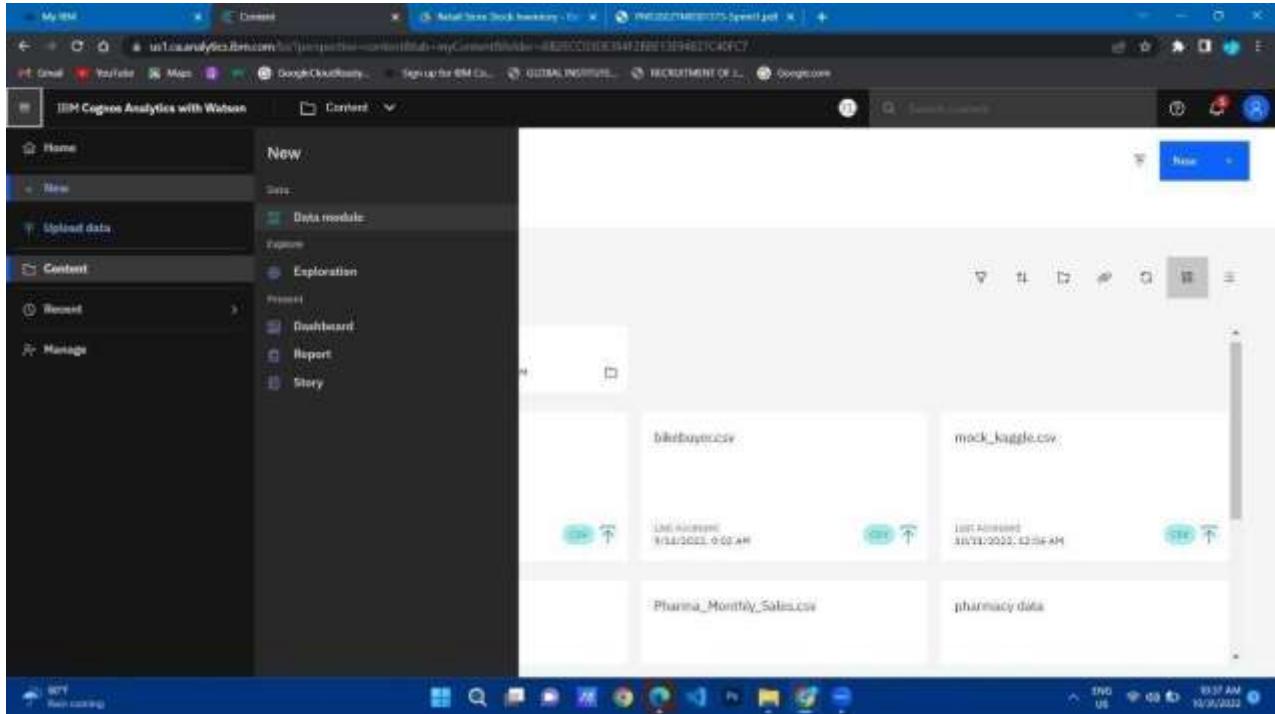
Download the Dataset

Dataset link - <https://drive.google.com/drive/folders/1kiL-5CHJmQvbk9VyFsUUs-myAupBZGNy>

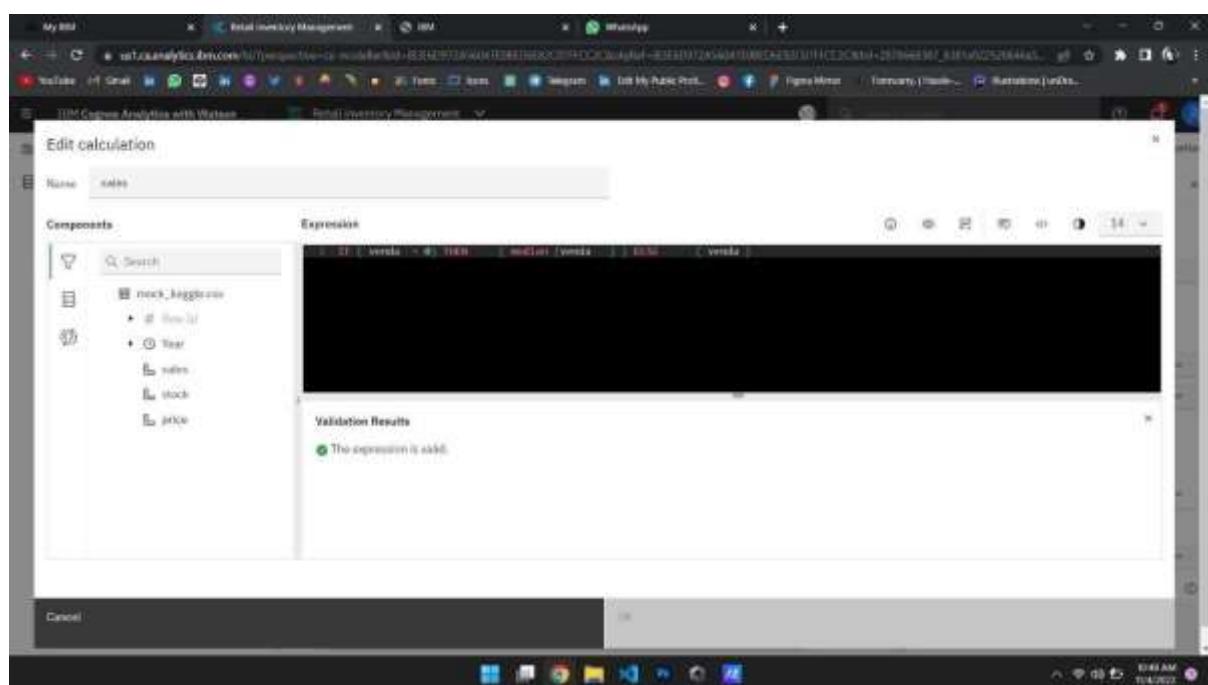
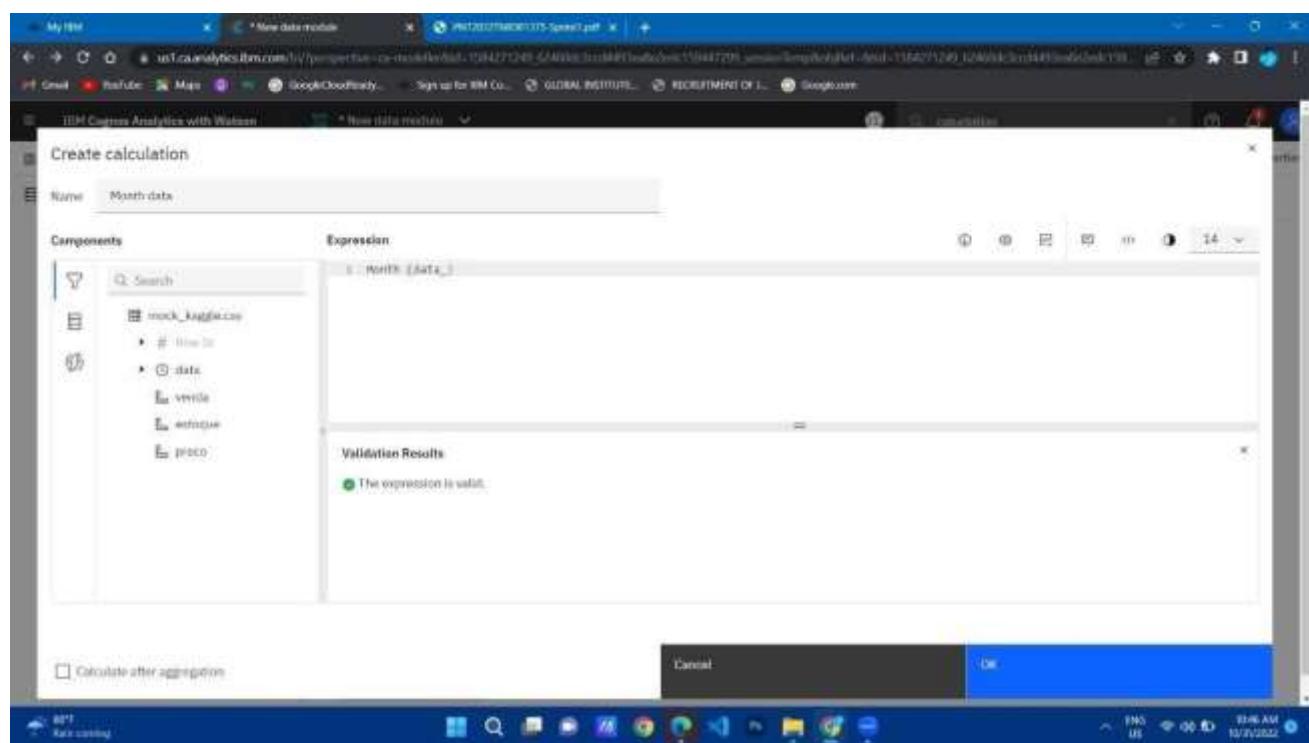
**Load the  
Dataset:**

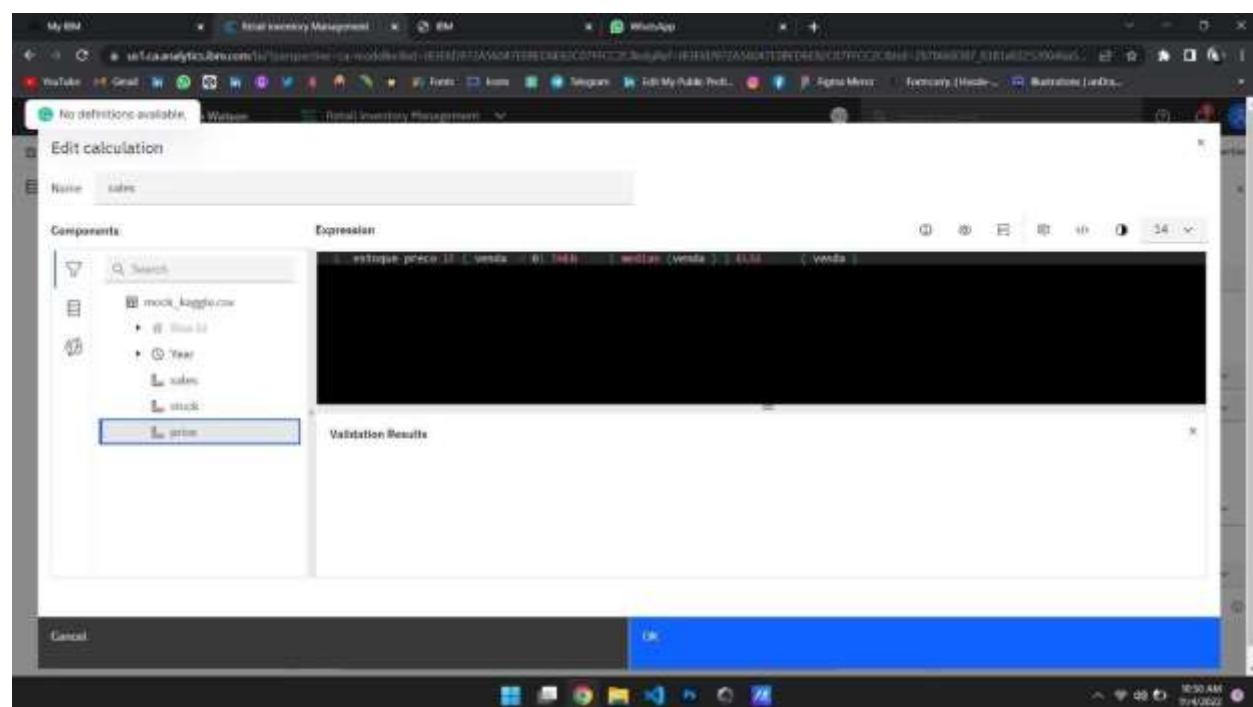
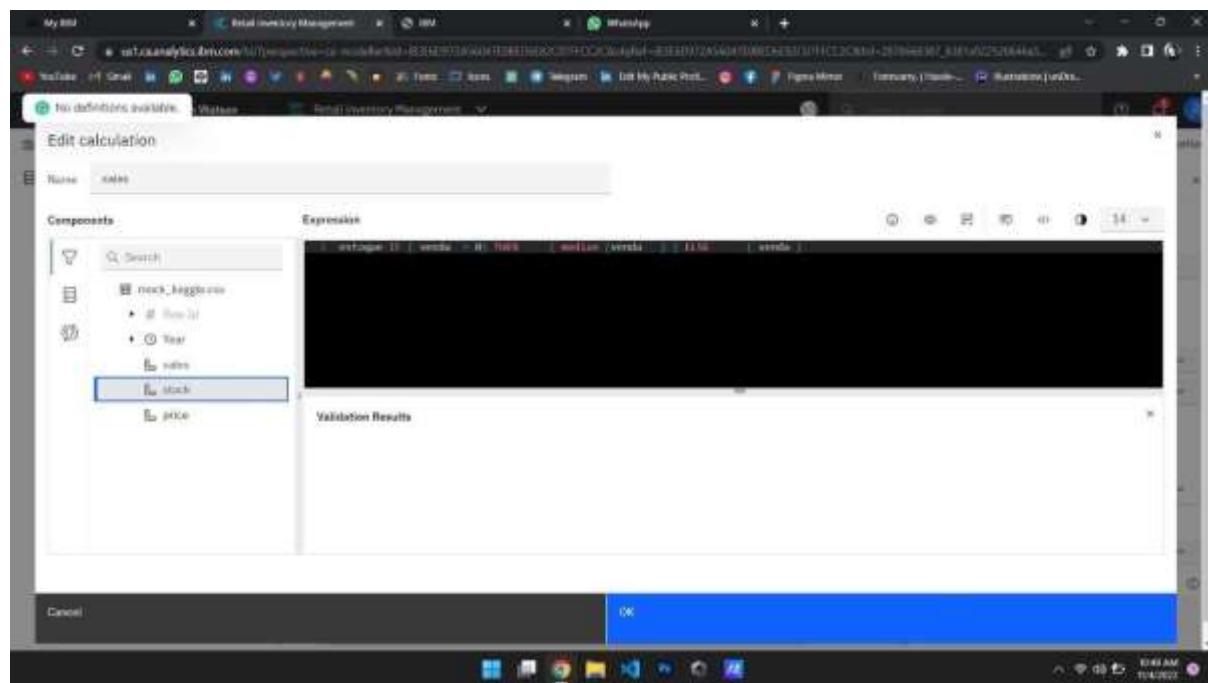
Tool used – IBM Cognos





**Month data:**





IBM Cognos Analytics with Watson

Retail Inventory Management

Grid View

Relationships

Custom tables

Row ID Year sales stock price

Row ID	Year	sales	stock	price
1	2014-01-01	76	4922	1.29
2	2014-01-02	79	4802	1.29
3	2014-01-03	89	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	325	4439	1.09
10	2014-01-10	88	5043	1.09
11	2014-01-11	108	5239	1.09
12	2014-01-12	121	5118	1.09
13	2014-01-13	134	4984	1.09

IBM Cognos Analytics with Watson

Retail Inventory Management

Grid View

Relationships

Custom tables

Row ID Year sales stock price

Row ID	Year	sales	stock	price
1	2014-01-01	76	4922	1.29
2	2014-01-02	79	4802	1.29
3	2014-01-03	89	4843	1.29
4	2014-01-04	93	4750	1.29
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7	2014-01-07	179	4329	1.29
8	2014-01-08	321	4104	1.29
9	2014-01-09	325	4439	1.09
10	2014-01-10	88	5043	1.09
11	2014-01-11	108	5239	1.09
12	2014-01-12	121	5118	1.09
13	2014-01-13	134	4984	1.09

IBM Cognos Analytics with Watson

Retail Inventory Management

Data module: Retail Inventory Management

Grid View

Row ID	Year	sales	stock	price
1	2014-01-01	79	4922	1.29
2	2014-01-02	79	4902	1.29
3	2014-01-03	79	4883	1.29
4	2014-01-04	93	4790	1.29
5	2014-01-05	96	4654	1.29
6	2014-01-06	145	4505	1.29
7	2014-01-07	126	4329	1.29
8	2014-01-08	221	4104	1.29
9	2014-01-09	125	4038	1.10
10	2014-01-10	88	3943	1.09
11	2014-01-11	188	3739	1.09
12	2014-01-12	121	3518	1.09
13	2014-01-13	138	4904	1.09

## Stock-Format Data:

Data format

Column: stock

Format type: Number

Number of decimal places: 2

Negative sign symbol: (None)

Use thousands separator: No

Negative sign position: Default

Missing value characters: (empty)

Advanced options

Reset properties

Index	Value	Price
0	4922	1.29
1	4902	1.29
2	4883	1.29
3	4790	1.29
4	4654	1.29
5	4505	1.29
6	4329	1.29
7	4104	1.29
8	4038	1.10
9	3943	1.09
10	3739	1.09
11	3518	1.09
12	4904	1.09
13	4904	1.09

## Sales-Format Data:

**Data format**

Column: Sales

Format type: Number

Number

0

Decimal places: 0

Negative sign symbol: Default

Use thousands separator: No

Negative sign position: Default

Missing value characters: empty

Advanced options

Reset properties

stock	price
4032	1.29
4032	1.29
4041	1.29
4050	1.29
4050	1.29
4059	1.09
4063	1.09
4068	1.09

## Price-Format Data:

**Data format**

Column: price

Format type: Number

Number

2

Decimal places: 2

Negative sign symbol: (empty)

Use thousands separator: No

Negative sign position: Default

Missing value characters: empty

Advanced options

Reset properties

Cancel OK

stock	price
4032	1.29
4032	1.29
4041	1.29
4050	1.29
4050	1.29
4059	1.29
4063	1.09
4068	1.09

## Revenue-Format Data:

IBM Watson Analytics with Watson

New data module

Data format

Column: revenue-data

Format type: Number

Number of decimal places: 2

Negative sign symbol: (Default)

Use thousands separator: No

Negative sign position: Default

Missing value characters: (empty)

Universal options

Reset properties

stack	price
4952	1.29
4953	1.29
4941	1.29
4750	1.29
4656	1.29
4109	1.29
4229	1.29
4104	1.29
4318	1.29
5043	1.09
5238	1.29

View all

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The screenshot shows the IBM Watson Analytics interface with a focus on a 'Data module' named 'New data module'. A 'revenue-data' column is selected for configuration. The 'Data format' dialog is open, showing settings for a 'Number' type format with 2 decimal places, no thousands separator, and a default negative sign symbol. To the right, a preview table displays 'stack' and 'price' columns with various numerical values.