

Project Development Phase
Delivery of Sprint-1

Team ID	PNT2022TMID28164
Project Name	Retail Store Stock Inventory Analytics

Project Development Phase:

SPRINT-1	<ul style="list-style-type: none">➤ Data Collection➤ Data Preparation
SPRINT-2	<ul style="list-style-type: none">➤ Data Exploration
SPRINT-3	<ul style="list-style-type: none">➤ Dashboard Creation
SPRINT-4	<ul style="list-style-type: none">➤ Report Creation➤ Story Creation

TEAM ID: PNT2022TMID28164

Project Contributors:

- Siddharth Bharathi S
- Shyam S
- Sanjeev S
- Ruben Leander Cyriac

Sprint-1:

Data Collection:

Download the Dataset

Dataset link -

https://drive.google.com/drive/folders/19i_7c1pN8A0kAzoTuz2Ppy1Z2cUvnDXu?usp=sharing

Load the Dataset:

Tool used – IBM Cognos

IBM-EPBL/IBM-Project-16960-16 x IBM x Project Development Phase01.p x Content x +

us1.ca.analytics.ibm.com/bi/?perspective=content&tab=myContent&folder=IE09D01044F334E4E941AE9C5817AB44B

IBM Cognos Analytics with Watson Content Search content

mock_kaggle.csv was uploaded successfully. Hide Details

Content

My content Team content Samples

50_Startups.csv Last Accessed 9/14/2022, 4:16 AM CSV

Assignment 1 Last Accessed 9/14/2022, 11:56 AM

Assignment 2 Last Accessed 9/27/2022, 11:29 AM

mock_kaggle.csv Last Accessed 11/3/2022, 9:04 AM CSV

Pharma_Monthly_Sales.csv Last Accessed 9/27/2022, 10:28 AM CSV

Story: Assignment 2 Last Accessed 9/27/2022, 11:09 AM

Story: New exploration Last Accessed 9/14/2022, 11:27 AM

Template: "Assignment 2" Last Accessed 9/27/2022, 11:10 AM

IBM-EPBL/IBM-Project-16960-16 x IBM x Project Development Phase01.p x Content x +

us1.ca.analytics.ibm.com/bi/?perspective=content&tab=myContent&folder=IE09D01044F334E4E941AE9C5817AB44B

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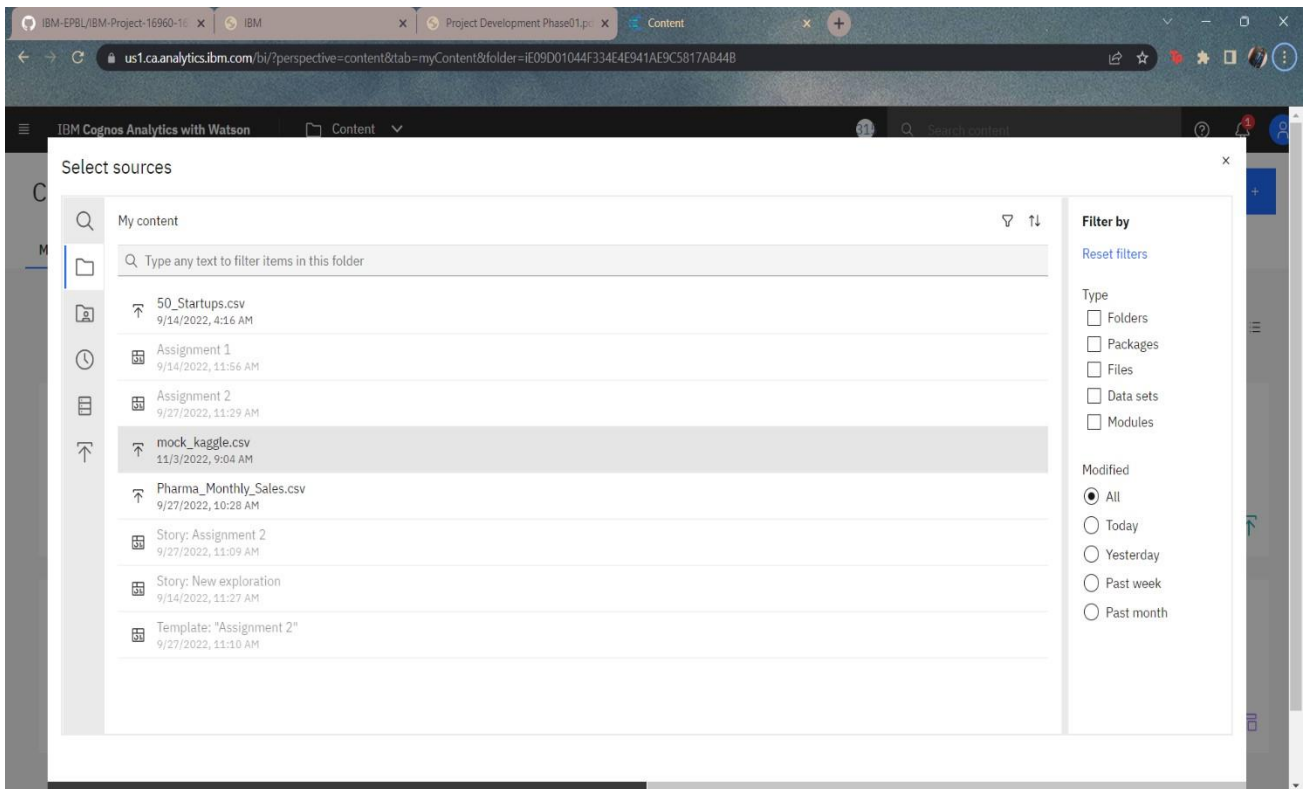
Story: Assignment 2 Last Accessed 9/27/2022, 11:09 AM

Story: New exploration Last Accessed 9/14/2022, 11:27 AM

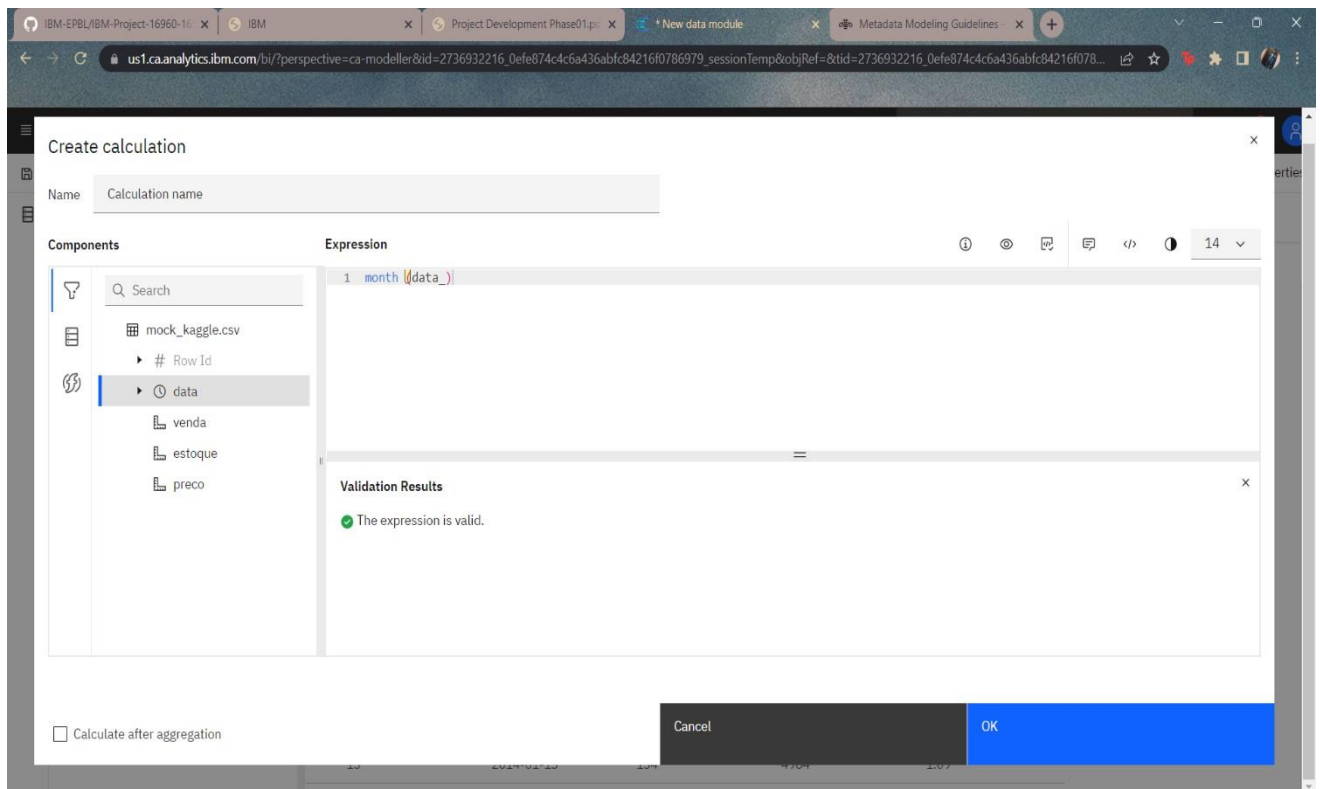
Template: "Assignment 2" Last Accessed 9/27/2022, 11:10 AM

New +

- Data module
- Exploration
- Dashboard
- Report
- Story



Month data:



The screenshot shows the IBM Cognos Analytics interface. The left sidebar displays a 'Data module' with a search bar and a tree view containing 'New data module', 'Navigation paths', and 'mock_kaggle.csv'. The main area shows a table named 'Month Data' with columns: Row Id, data, venda, estoque, and preco. The table contains 13 rows of data for January 2014.

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

Revenue data:

The screenshot shows the IBM Cognos Analytics interface. The left sidebar displays a 'Data module' with a search bar and a tree view containing 'Sprint 1', 'Navigation paths', 'mock_kaggle.csv', and 'Revenue Data'. The main area shows a table named 'Revenue Data' with columns: Row Id, Year, Sales, Stock, and Price. The table contains 13 rows of data for January 2014.

Row Id	Year	Sales	Stock	Price
1	Jan/1/2014	0	4972	1.29
2	Jan/2/2014	70	4902	1.29
3	Jan/3/2014	59	4843	1.29
4	Jan/4/2014	93	4750	1.29
5	Jan/5/2014	96	4654	1.29
6	Jan/6/2014	145	4509	1.29
7	Jan/7/2014	179	4329	1.29
8	Jan/8/2014	321	4104	1.29
9	Jan/9/2014	125	4459	1.09
10	Jan/10/2014	88	5043	1.09
11	Jan/11/2014	188	5239	1.09
12	Jan/12/2014	121	5118	1.09
13	Jan/13/2014	134	4984	1.09

Year data:

Month Data	Row Id	Year	venda	estoque	preco
1	1	2014-01-01	0	4972	1.29
1	2	2014-01-02	70	4902	1.29
1	3	2014-01-03	59	4843	1.29
1	4	2014-01-04	93	4750	1.29
1	5	2014-01-05	96	4654	1.29
1	6	2014-01-06	145	4509	1.29
1	7	2014-01-07	179	4329	1.29
1	8	2014-01-08	321	4104	1.29
1	9	2014-01-09	125	4459	1.09
1	10	2014-01-10	88	5043	1.09
1	11	2014-01-11	188	5239	1.09
1	12	2014-01-12	121	5118	1.09
1	13	2014-01-13	134	4984	1.09

Stock data:

Month Data	Row Id	Year	Sales	Stock	preco
1	1	2014-01-01	0	4972	1.29
1	2	2014-01-02	70	4902	1.29
1	3	2014-01-03	59	4843	1.29
1	4	2014-01-04	93	4750	1.29
1	5	2014-01-05	96	4654	1.29
1	6	2014-01-06	145	4509	1.29
1	7	2014-01-07	179	4329	1.29
1	8	2014-01-08	321	4104	1.29
1	9	2014-01-09	125	4459	1.09
1	10	2014-01-10	88	5043	1.09
1	11	2014-01-11	188	5239	1.09
1	12	2014-01-12	121	5118	1.09
1	13	2014-01-13	134	4984	1.09

Sales data:

IBM Cognos Analytics with Watson

* New data module

Search content

Properties

Data module

Grid Relationships Custom tables

Search

New data module

Navigation paths

mock_kaggle.csv

Month Data

Row Id

Year

Sales

estoque

preco

Month Data	Row Id	Year	Sales	estoque	preco
1	1	2014-01-01	0	4972	1.29
1	2	2014-01-02	70	4902	1.29
1	3	2014-01-03	59	4843	1.29
1	4	2014-01-04	93	4750	1.29
1	5	2014-01-05	96	4654	1.29
1	6	2014-01-06	145	4509	1.29
1	7	2014-01-07	179	4329	1.29
1	8	2014-01-08	321	4104	1.29
1	9	2014-01-09	125	4459	1.09
1	10	2014-01-10	88	5043	1.09
1	11	2014-01-11	188	5239	1.09
1	12	2014-01-12	121	5118	1.09
1	13	2014-01-13	134	4984	1.09

Price data:

IBM Cognos Analytics with Watson

* New data module

Search content

Properties

Data module

Grid Relationships Custom tables

Search

New data module

Navigation paths

mock_kaggle.csv

Month Data

Row Id

Year

Sales

Stock

Price

Month Data	Row Id	Year	Sales	Stock	Price
1	1	2014-01-01	0	4972	1.29
1	2	2014-01-02	70	4902	1.29
1	3	2014-01-03	59	4843	1.29
1	4	2014-01-04	93	4750	1.29
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1	7	2014-01-07	179	4329	1.29
1	8	2014-01-08	321	4104	1.29
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1	10	2014-01-10	88	5043	1.09
1	11	2014-01-11	188	5239	1.09
1	12	2014-01-12	121	5118	1.09
1	13	2014-01-13	134	4984	1.09

Month-Format Data:

Revenue Data	Row Id	M data	Sales	Stock	preco
1	1	1/1/14	0	4972	1.29
1	2	1/2/14	70	4902	1.29
1	3	1/3/14	59	4843	1.29
1	4	1/4/14	93	4750	1.29
1	5	1/5/14	96	4654	1.29
1	6	1/6/14	145	4509	1.29
1	7	1/7/14	179	4329	1.29
1	8	1/8/14	321	4104	1.29
1	9	1/9/14	125	4459	1.09
1	10	1/10/14	88	5043	1.09
1	11	1/11/14	188	5239	1.09
1	12	1/12/14	121	5118	1.09
1	13	1/13/14	134	4984	1.09

Data format

Column: M data

Format type: Date

① Date separator: /

① Date style: Short

① Date ordering: Month, Day, Year

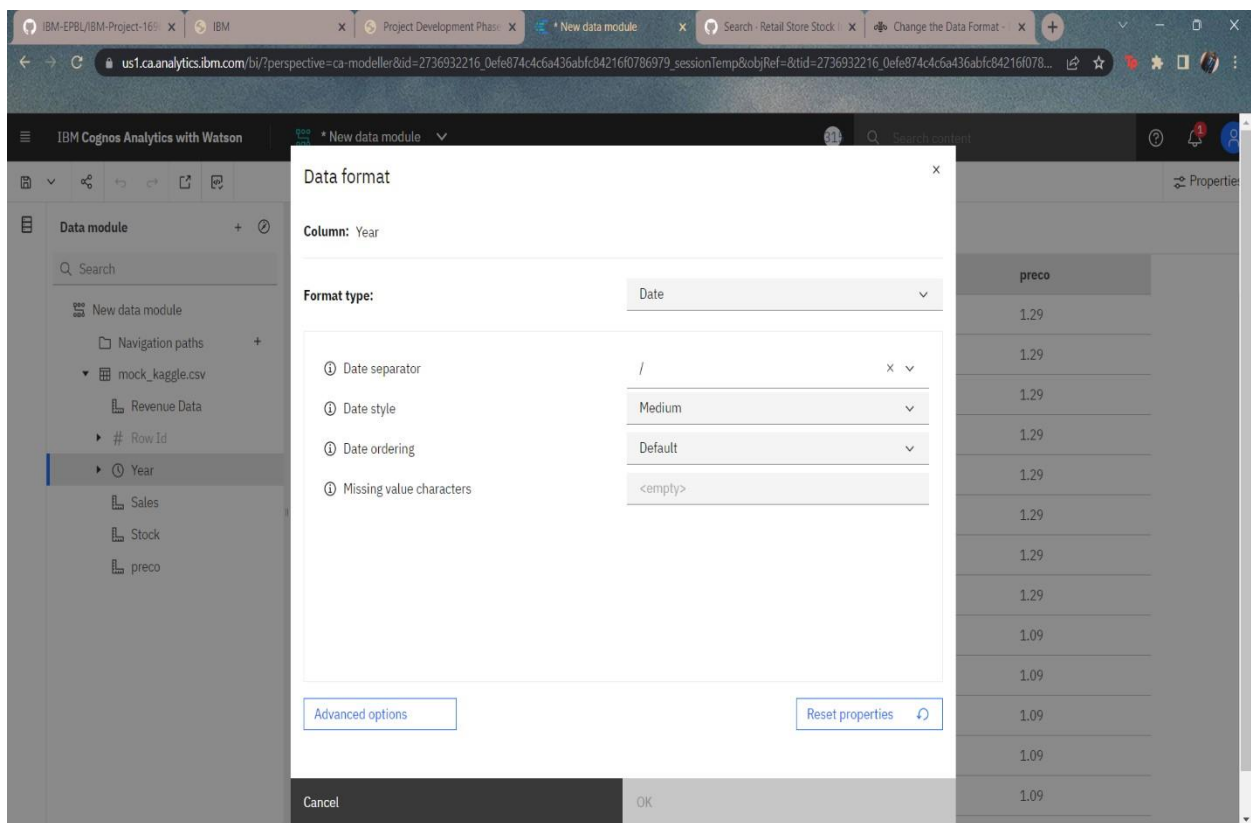
① Missing value characters: <empty>

Advanced options

Reset properties

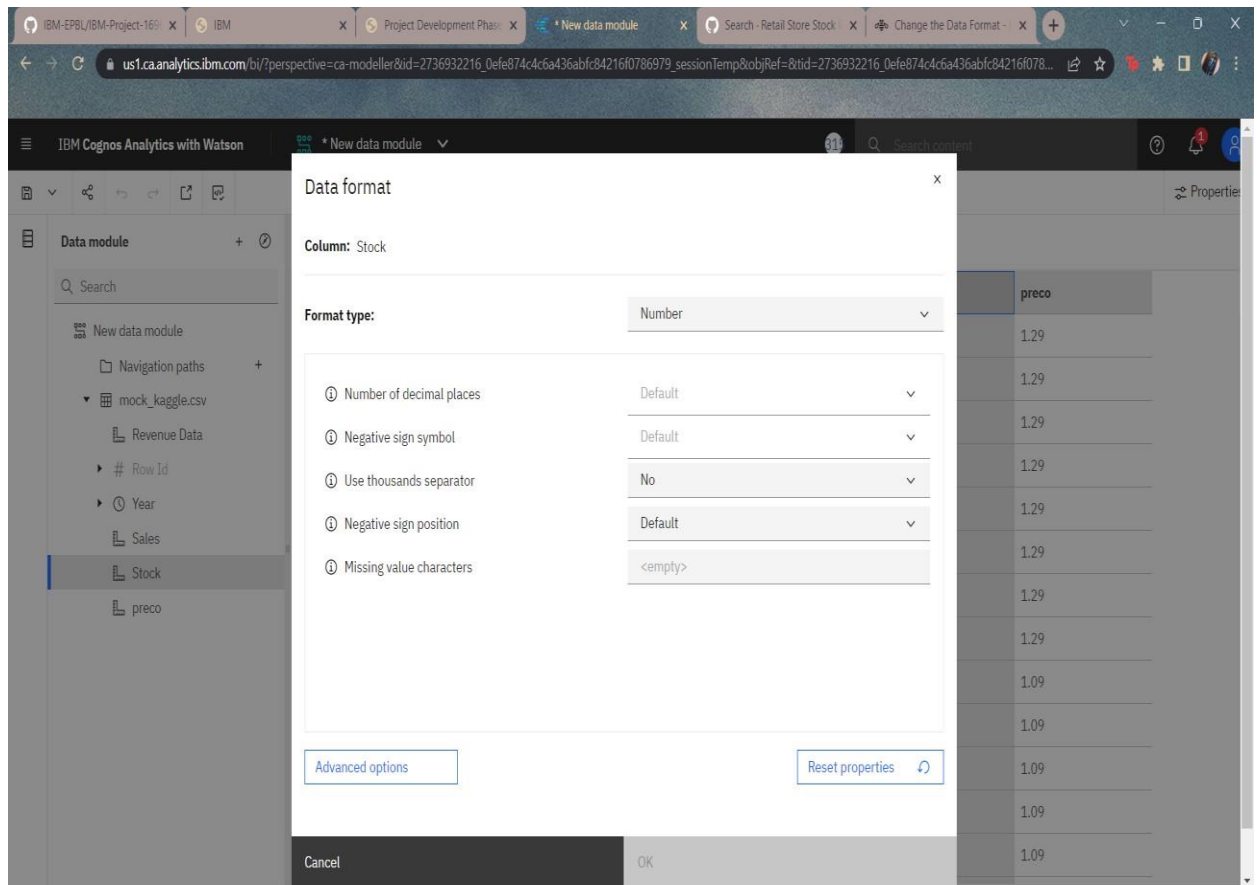
Cancel OK

Year-Format Data:



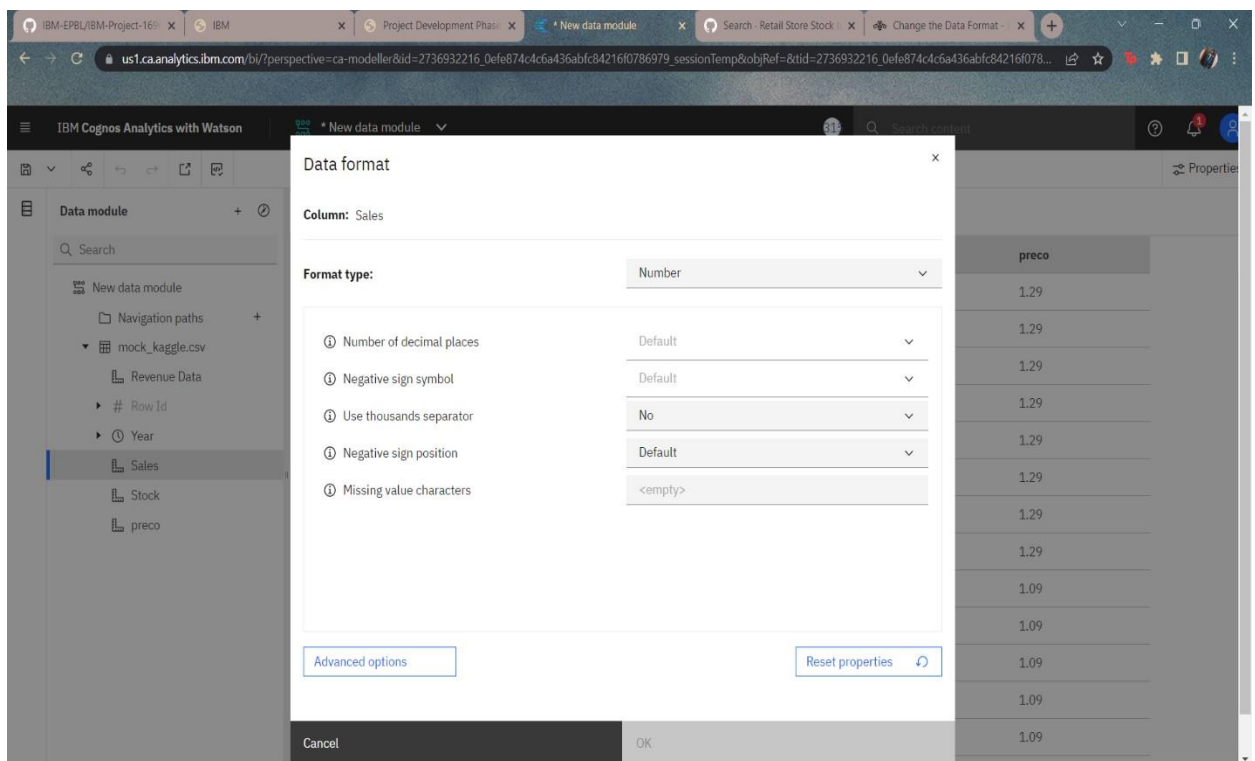
Revenue Data	Row Id	Year	Sales	Stock	preco
1	1	Jan/1/2014	0	4972	1.29
1	2	Jan/2/2014	70	4902	1.29
1	3	Jan/3/2014	59	4843	1.29
1	4	Jan/4/2014	93	4750	1.29
1	5	Jan/5/2014	96	4654	1.29
1	6	Jan/6/2014	145	4509	1.29
1	7	Jan/7/2014	179	4329	1.29
1	8	Jan/8/2014	321	4104	1.29
1	9	Jan/9/2014	125	4459	1.09
1	10	Jan/10/2014	88	5043	1.09
1	11	Jan/11/2014	188	5239	1.09
1	12	Jan/12/2014	121	5118	1.09
1	13	Jan/13/2014	134	4984	1.09

Stock-Format Data:



Sales-Format Data:

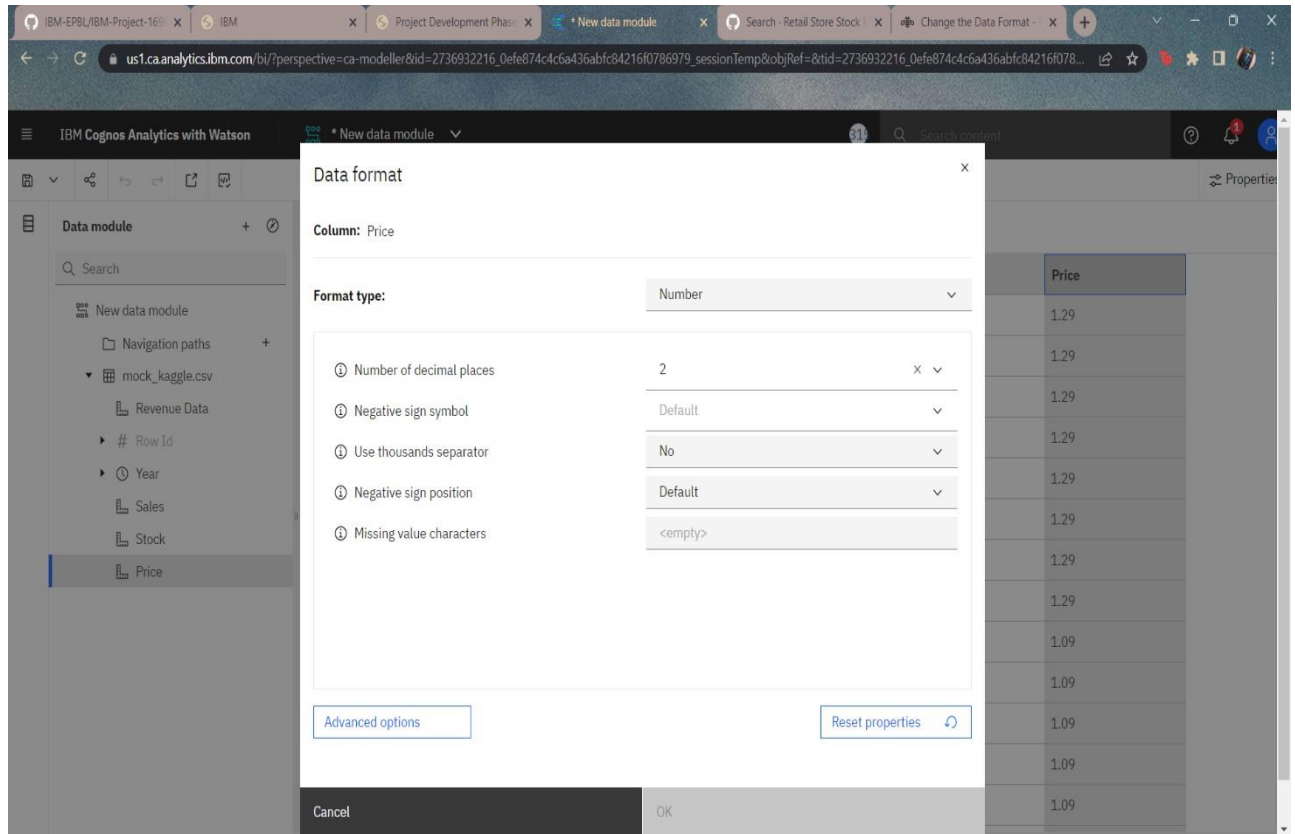
Revenue Data	Row Id	Year	Sales	Stock	preco
1	1	Jan/1/2014	0	4972	1.29
1	2	Jan/2/2014	70	4902	1.29
1	3	Jan/3/2014	59	4843	1.29
1	4	Jan/4/2014	93	4750	1.29
1	5	Jan/5/2014	96	4654	1.29
1	6	Jan/6/2014	145	4509	1.29
1	7	Jan/7/2014	179	4329	1.29
1	8	Jan/8/2014	321	4104	1.29
1	9	Jan/9/2014	125	4459	1.09
1	10	Jan/10/2014	88	5043	1.09
1	11	Jan/11/2014	188	5239	1.09
1	12	Jan/12/2014	121	5118	1.09
1	13	Jan/13/2014	134	4984	1.09



The screenshot shows the IBM Cognos Analytics interface with a data table displayed. The table has the following columns: Revenue Data, Row Id, Year, Sales, Stock, and preco. The data is as follows:

Revenue Data	Row Id	Year	Sales	Stock	preco
1	1	Jan/1/2014	0	4972	1.29
1	2	Jan/2/2014	70	4902	1.29
1	3	Jan/3/2014	59	4843	1.29
1	4	Jan/4/2014	93	4750	1.29
1	5	Jan/5/2014	96	4654	1.29
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1	7	Jan/7/2014	179	4329	1.29
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1	9	Jan/9/2014	125	4459	1.09
1	10	Jan/10/2014	88	5043	1.09
1	11	Jan/11/2014	188	5239	1.09
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1	13	Jan/13/2014	134	4984	1.09

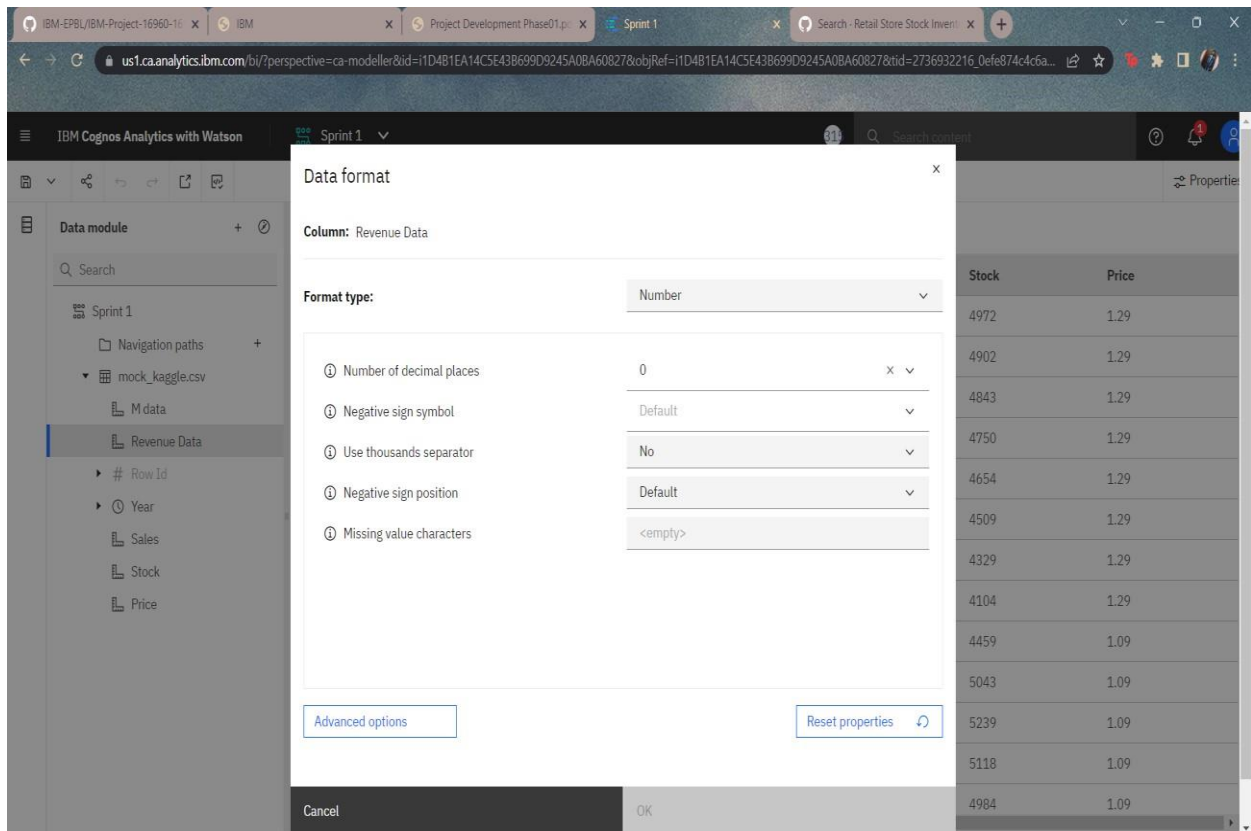
Price-Format Data:



The screenshot shows the IBM Cognos Analytics interface with a data grid view. The grid has columns: Revenue Data, Row Id, Year, Sales, Stock, and Price. The data is as follows:

Revenue Data	Row Id	Year	Sales	Stock	Price
1	1	Jan/1/2014	0	4972	1.29
1	2	Jan/2/2014	70	4902	1.29
1	3	Jan/3/2014	59	4843	1.29
1	4	Jan/4/2014	93	4750	1.29
1	5	Jan/5/2014	96	4654	1.29
1	6	Jan/6/2014	145	4509	1.29
1	7	Jan/7/2014	179	4329	1.29
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1	10	Jan/10/2014	88	5043	1.09
1	11	Jan/11/2014	188	5239	1.09
1	12	Jan/12/2014	121	5118	1.09
1	13	Jan/13/2014	134	4984	1.09

Revenue-Format Data:



Row Id	Year	Sales	Stock	Price
1	Jan/1/2014	0	4972	1.29
2	Jan/2/2014	70	4902	1.29
3	Jan/3/2014	59	4843	1.29
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8	Jan/8/2014	321	4104	1.29
9	Jan/9/2014	125	4459	1.09
10	Jan/10/2014	88	5043	1.09
11	Jan/11/2014	188	5239	1.09
12	Jan/12/2014	121	5118	1.09
13	Jan/13/2014	134	4984	1.09

Prepared data link:

https://us1.ca.analytics.ibm.com/bi/?perspective=camodeller&pathRef=.my_folders%2FSprint%2B1