

# Working with the Dataset

Date	16 October 2022
Team ID	PNT2022TMID31981
Project Name	Retail Stock Inventory Analysis

## Prepare the dataset:

- Then check the dataset in data module.

The screenshot displays the IBM Cognos Analytics interface. On the left, the 'Data module' pane shows a tree structure with 'mock\_kaggle.csv' expanded, revealing a table named 'data'. The main area shows the 'Grid' view of this table, which contains 12 rows of data. The columns are 'data', 'venda', 'estoque', and 'preco'. The 'data' column lists dates from 2014-01-01 to 2014-01-12. The 'venda' column shows values ranging from 0 to 121. The 'estoque' column shows values ranging from 4329 to 4972. The 'preco' column shows values ranging from 1.09 to 1.29.

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

- Create Calculated Field  $\text{Revenue} = \text{Data}(\text{year}) * \text{Venda}(\text{Sales}) * \text{Preco}(\text{Price})$  and set the Properties.
- Then change the format for M\_data, Year, Sales, Stock, Price.

The screenshot shows the IBM Cognos Analytics interface. The top navigation bar includes the IBM logo and the text "IBM Cognos Analytics with Watson". The main content area displays a data module named "mock\_kaggle.csv" in the "Grid" view. The data is organized into columns: M\_Data, Row Id, Year, Sales, Stock, and Price. The Price column is highlighted with a blue border. The left sidebar shows the data module structure, with "Price" selected under "mock\_kaggle.csv".

M_Data	Row Id	Year	Sales	Stock	Price
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
1	8	1/8/14	321	4104	1
1	9	1/9/14	125	4459	1
1	10	1/10/14	88	5043	1
1	11	1/11/14	188	5239	1
1	12	1/12/14	121	5118	1
1	13	1/13/14	134	4984	1

- Finish preparation the save the file

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us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=i069F53F353E64E7497FED3BA3D40D5B3&objRef=i069F53F353E64E7497FED3BA3D40D5B3&tid=1767109369\_5c01998472284...

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IBM Cognos Analytics with Watson Inventory Module

Search content

Properties

Data module

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Inventory Module

Navigation paths

mock\_kaggle.csv

M\_Data

# Row Id

Year

Sales

Stock

Price

Save as

Name

Inventory Module

Selected destination: Team content

My content Team content

Name	Type	Last Accessed
Calendars	Folder	10/20/2022, 9:28 PM
Get started	Folder	10/20/2022, 9:28 PM
Samples	Folder	10/20/2022, 9:28 PM
Templates	Folder	10/20/2022, 9:28 PM
The Weather Company, an IBM Business	Folder	10/20/2022, 9:28 PM

Cancel Save

1 13 1/13/14 134 4984 1

80°F Cloudy

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