

Working with the dataset

| | |
|--------------|---|
| Date | 10 November 2022 |
| Team ID | PNT2022TMID36407 |
| Project Name | Retail Store Stock Inventory Analytics. |

2. Prepare the dataset:

- Then check the dataset in data module.

The screenshot displays the IBM Cognos Analytics web interface. The top navigation bar includes the IBM logo, a search bar, and a user profile icon. A blue banner at the top indicates that scheduled maintenance has been completed. The main content area is divided into a left sidebar and a central workspace. The sidebar, titled 'Data module', shows a tree view of the data source 'mock_kaggle.csv' with columns 'Row Id', 'data', 'venda', 'estoque', and 'preco'. The 'data' column is selected. The central workspace displays a table with 12 rows of data, including dates from 2014-01-01 to 2014-01-12, and corresponding values for 'venda', 'estoque', and 'preco'. The table is titled 'Grid' and has tabs for 'Grid', 'Relationships', and 'Custom tables'. The bottom status bar shows the system time as 21:55 on 02-11-2022, along with weather and language settings.

| 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 web interface. The browser tabs include 'IBM-Project-18237-1659681636', 'IBM', 'My IBM', and '* New data module'. The address bar shows a URL from 'us1.ca.analytics.ibm.com'. The main header displays 'IBM Cognos Analytics with Watson' and a search bar. The left sidebar shows a 'Data module' panel with a search bar and a tree view containing 'New data module', 'Navigation paths', and 'mock_kaggle.csv'. Under 'mock_kaggle.csv', there are fields: 'M_Data', '# Row Id', 'Year', 'Sales', 'Stock', and 'Price'. The 'Price' field is highlighted with a blue border. The main area shows a 'Grid' view of the data. The table has columns: 'M_Data', 'Row Id', 'Year', 'Sales', 'Stock', and 'Price'. The data rows show values for these fields, with 'Price' consistently being 1.

| 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 |

The bottom of the screen shows a Windows taskbar with various application icons, a system clock showing 10:01 on 03-11-2022, and a language indicator set to 'ENG IN'.

- Finish preparation the save the file

IBM Project-18237-1659681636/ x IBM x My IBM x Inventory Module x +

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

IBM Cognos Analytics with Watson Inventory Module

Data module

Search

Inventory Module

Navigation paths

mock_kaggle.csv

M_Data

RowId

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

Price

1 13 1/13/14 134 4984 1

80°F Cloudy ENG IN 10:02 03-11-2022