

PREPARATION PHASE

WORKING WITH THE DATASET

Team ID	PNT2022TMID49238
Project Name	Data analytics – Retail store stock inventory analytics

Understanding the dataset:

The screenshot displays the IBM Cognos Analytics interface. On the left, the 'Data module' sidebar shows a search bar and a list of data modules: 'New data module', 'Navigation paths', and 'archive (2).zip'. The 'archive (2).zip' module is selected, showing a hierarchy with 'Row Id', 'data', 'venda', 'estoque', and 'preco'. The main area shows a table with the following data:

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

The bottom of the screenshot shows the Windows taskbar with several open applications, including 'Datasets-20221202...zip', 'Screenshot (74) (1).pdf', 'Screenshot (74).pdf', 'Screenshot (76).pdf', and 'Screenshot (188).png'. The system clock indicates 8:15 PM on 12/2/2022.

The screenshot shows the IBM Cognos Analytics web application. The left sidebar displays a 'Data module' with a search bar and a list of data sources: 'New data module', 'Navigation paths', and 'archive (2).zip'. The main area shows a table with the following data:

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
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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

The bottom of the screen shows a Windows taskbar with various application icons and a system clock indicating 8:18 PM on 12/2/2022.

Loading the dataset:

The screenshot shows the IBM Cognos Analytics 'Home' page. A green notification bar at the top states: 'Datasets-202212021445392-001.zip was uploaded successfully.' Below this, the 'Quick launch' section offers four main actions:

- Upload data:** Upload or drag and drop spreadsheets, csv files, and other data sources.
- Prepare data:** Use data modules to clean and connect data from multiple resources.
- Exploration:** Quickly find unbiased answers by identifying trends in your data with data exploration.
- Present data:** Create sophisticated, multi-page, multi-query dashboards, reports, or stories.

The bottom of the screen shows a Windows taskbar with various application icons and a system clock indicating 8:15 PM on 12/2/2022.

Prepare the dataset:

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane is open, displaying a search bar and a list of data modules: 'New data module', 'Navigation paths', 'archive (2).zip', '# Row Id', 'data', 'venda', 'estoque', and 'preco'. The 'data' module is selected. The main area displays a table with the following columns: 'Row Id', 'data', 'venda', 'estoque', and 'preco'. The table contains 11 rows of data, with dates ranging from 2014-01-01 to 2014-01-11. The 'venda' column shows values ranging from 0 to 188, 'estoque' from 4104 to 4972, and 'preco' 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
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9	2014-01-09	125	4459	1.09
10	2014-01-10	88	5043	1.09
11	2014-01-11	188	5239	1.09

This screenshot is similar to the one above, but the 'venda' column in the table is highlighted with a blue border. The 'Data module' pane on the left also shows the 'venda' module selected. The table data remains the same as in the previous screenshot.

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
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10	2014-01-10	88	5043	1.09
11	2014-01-11	188	5239	1.09

The screenshot displays the IBM Cognos Analytics web application. The main view is a data table with the following columns: Row Id, data, venda, estoque, and preco. The 'preco' column is highlighted. The table contains 11 rows of data, representing daily inventory levels from January 1st to January 11th, 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
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9	2014-01-09	125	4459	1.09
10	2014-01-10	88	5043	1.09
11	2014-01-11	188	5239	1.09

REFERENCE LINK

https://us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&pathRef=.my_folders%2Finventory%2Bmanagemnet