

## Understanding the Dataset

Team ID	PNT2022TMID21204
Project	Retail Store Stock Inventory Analytics

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane is open, showing a search bar and a list of items: 'New data module', 'Navigation paths', and 'IBM dataset.csv'. The 'IBM dataset.csv' item is selected, and its contents are listed: '# Row Id', 'data', 'venda', 'estoque', and 'preco'. The main area displays a grid view of the data. The grid has columns: 'Row Id', 'data', 'venda', 'estoque', and 'preco'. The data is organized into 15 rows, each representing a date from 2014-01-01 to 2014-01-15. The 'venda' column shows sales values, 'estoque' shows stock values, and 'preco' shows prices.

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
14	2014-01-14	80	4904	1.09
15	2014-01-15	82	4822	1.09

The screenshot shows the IBM Cognos Analytics interface with the 'Properties' pane open on the right. The 'Properties' pane is titled 'General' and contains the following fields: 'Label' (set to 'Price'), 'Hide from users' (toggle off), 'Expression' (set to 'Price'), 'Usage' (set to 'Measure'), 'Aggregate' (set to 'Total'), 'Data type' (set to 'Decimal'), 'Represents' (set to 'Default'), 'Lookup reference' (set to 'None'), 'Description' (empty), and 'Comments' (empty). The main area displays a grid view of the data. The grid has columns: 'Row Id', 'data', 'Sales', 'Stock', and 'Price'. The data is organized into 15 rows, each representing a date from 2014-01-01 to 2014-01-15. The 'Sales' column shows sales values, 'Stock' shows stock values, and 'Price' shows prices.

Row Id	data	Sales	Stock	Price
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
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IBM Cognos Analytics with Watson

New data module

Search

New data module

- Navigation paths
- IBM dataset.csv
  - Revenue
  - Month wise
  - # Row Id
  - data
  - Sales
  - Stock
  - Price

Grid

Revenue	Month wise	Row Id	data	Sales
0	1	1	2014-01-01	0
90	1	2	2014-01-02	70
76	1	3	2014-01-03	59
120	1	4	2014-01-04	93
124	1	5	2014-01-05	96
187	1	6	2014-01-06	145
231	1	7	2014-01-07	179
414	1	8	2014-01-08	321
136	1	9	2014-01-09	125
96	1	10	2014-01-10	88
205	1	11	2014-01-11	188
132	1	12	2014-01-12	121
146	1	13	2014-01-13	134
87	1	14	2014-01-14	80
89	1	15	2014-01-15	82

Properties

General

Label: Revenue

Hide from users: ☐

Expression: [View or edit](#)

Usage: Measure

Calculate after aggregation: ☐

Aggregate: Total

Data type: Decimal

Represents: Default

Lookup reference: None

Description:

Comments:

IBM Cognos Analytics with Watson

New data module

Search

New data module

- Navigation paths
- IBM dataset.csv
  - Revenue
  - Month wise
  - # Row Id
  - data
  - Sales
  - Stock
  - Price

Grid

Revenue	Month wise	Row Id	data	Sales	Stock	Price
0	1	1	1/1/14	0	4972	1
90	1	2	1/2/14	70	4902	1
76	1	3	1/3/14	59	4843	1
120	1	4	1/4/14	93	4750	1
124	1	5	1/5/14	96	4654	1
187	1	6	1/6/14	145	4509	1
231	1	7	1/7/14	179	4329	1
414	1	8	1/8/14	321	4104	1
136	1	9	1/9/14	125	4459	1
96	1	10	1/10/14	88	5043	1
205	1	11	1/11/14	188	5239	1
132	1	12	1/12/14	121	5118	1
146	1	13	1/13/14	134	4984	1
87	1	14	1/14/14	80	4904	1
89	1	15	1/15/14	82	4822	1