

Team Id : PNT2022TMID50548

Project Name: Analytics for Hospitals' Health-Care Data

## WORKING WITH THE DATASET

### UNDERSTANDING THE DATASET:

In this PharmaAnalysis, dataset there are 551 rows and 17 columns there.

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane lists the columns of the 'Pharma\_Mo\_sales.csv' dataset. The 'Month' column is selected and highlighted in blue. The main grid displays the first 14 rows of the dataset. The 'Month' column contains values 'March', 'January', and 'January'.

Row Id	Month	Customer	Period	Product	Location	Sales Rep
1	March	Mobil	Q1	Afinitor Tab	Port Harcourt	A. Chukwu
2	March	Mobil	Q1	Brinerdine SCT	Port Harcourt	A. Chukwu
3	March	Mobil	Q1	Coartem Tab	Port Harcourt	A. Chukwu
4	March	Mobil	Q1	Codivon FCT	Port Harcourt	A. Chukwu
5	March	Mobil	Q1	Femara FCT	Port Harcourt	A. Chukwu
6	March	Mobil	Q1	Galvusmet FCT	Port Harcourt	A. Chukwu
7	March	Mobil	Q1	Lescol HGC	Port Harcourt	A. Chukwu
8	March	Mobil	Q1	Ritalin Tab	Port Harcourt	A. Chukwu
9	March	Mobil	Q1	Tegretol Tab	Port Harcourt	A. Chukwu
10	March	Mobil	Q1	Zaditen SRO FCT	Port Harcourt	A. Chukwu
11	January	Mobil	Q1	Afinitor Tab	Abeokuta	A. Chukwu
12	January	Mobil	Q1	Brinerdine SCT	Abeokuta	A. Chukwu
13	January	Mobil	Q1	Coartem Tab	Abeokuta	A. Chukwu
14	January	Mobil	Q1	Codivon FCT	Abeokuta	A. Chukwu

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane lists the columns of the 'Pharma\_Mo\_sales.csv' dataset. The 'Period' column is selected and highlighted in blue. The main grid displays the first 14 rows of the dataset. The 'Period' column contains values 'Q1', 'Q1', 'Q1', 'Q1', 'Q1', 'Q1', 'Q1', 'Q1', 'Q1', 'Q1', 'Q1', 'Q1', 'Q1', 'Q1'.

Row Id	Month	Customer	Period	Product	Location	Sales Rep
1	March	Mobil	Q1	Afinitor Tab	Port Harcourt	A. Chukwu
2	March	Mobil	Q1	Brinerdine SCT	Port Harcourt	A. Chukwu
3	March	Mobil	Q1	Coartem Tab	Port Harcourt	A. Chukwu
4	March	Mobil	Q1	Codivon FCT	Port Harcourt	A. Chukwu
5	March	Mobil	Q1	Femara FCT	Port Harcourt	A. Chukwu
6	March	Mobil	Q1	Galvusmet FCT	Port Harcourt	A. Chukwu
7	March	Mobil	Q1	Lescol HGC	Port Harcourt	A. Chukwu
8	March	Mobil	Q1	Ritalin Tab	Port Harcourt	A. Chukwu
9	March	Mobil	Q1	Tegretol Tab	Port Harcourt	A. Chukwu
10	March	Mobil	Q1	Zaditen SRO FCT	Port Harcourt	A. Chukwu
11	January	Mobil	Q1	Afinitor Tab	Abeokuta	A. Chukwu
12	January	Mobil	Q1	Brinerdine SCT	Abeokuta	A. Chukwu
13	January	Mobil	Q1	Coartem Tab	Abeokuta	A. Chukwu
14	January	Mobil	Q1	Codivon FCT	Abeokuta	A. Chukwu

IBM Cognos Analytics with Watson

New data module

Search content

Properties

Data module

Grid Relationships Custom tables

Search

New data module

Navigation paths

Pharma\_Mo...ales.csv

# Row Id

Month

Customer

Period

Product

Location

Sales Rep

Supplier

Warehouses...cations

Actual

C.Sales

Inventory Stock

L.Sales

M.Sales

Number of Records

Customer	Period	Product	Location	Sales Rep	Supplier
Mobil	Q1	Afinitor Tab	Port Harcourt	A. Chukwu	Astra Zeneca
Mobil	Q1	Brinerdine SCT	Port Harcourt	A. Chukwu	Astra Zeneca
Mobil	Q1	Coartem Tab	Port Harcourt	A. Chukwu	Astra Zeneca
Mobil	Q1	Codivian FCT	Port Harcourt	A. Chukwu	Astra Zeneca
Mobil	Q1	Femara FCT	Port Harcourt	A. Chukwu	Astra Zeneca
Mobil	Q1	Galvusmet FCT	Port Harcourt	A. Chukwu	Astra Zeneca
Mobil	Q1	Lescol HGC	Port Harcourt	A. Chukwu	Astra Zeneca
Mobil	Q1	Ritalin Tab	Port Harcourt	A. Chukwu	Astra Zeneca
Mobil	Q1	Tegretol Tab	Port Harcourt	A. Chukwu	Astra Zeneca
Mobil	Q1	Zaditen SRO FCT	Port Harcourt	A. Chukwu	Astra Zeneca
Mobil	Q1	Afinitor Tab	Abeokuta	A. Chukwu	Astra Zeneca
Mobil	Q1	Brinerdine SCT	Abeokuta	A. Chukwu	Astra Zeneca
Mobil	Q1	Coartem Tab	Abeokuta	A. Chukwu	Astra Zeneca
Mobil	Q1	Codivian FCT	Abeokuta	A. Chukwu	Astra Zeneca

IBM Cognos Analytics with Watson

New data module

Search content

Properties

Data module

Grid Relationships Custom tables

Search

New data module

Navigation paths

Pharma\_Mo...ales.csv

# Row Id

Month

Customer

Period

Product

Location

Sales Rep

Supplier

Warehouses...cations

Actual

C.Sales

Inventory Stock

L.Sales

M.Sales

Number of Records

Supplier	Warehouse Locations	Actual	C.Sales	Inventory Stock	L.Sales	M.Sales
Astra Zeneca	Amurwo	9.6	2	1200	1.89	4.224
Astra Zeneca	Amurwo	9.6	0	480	1.89	4.224
Astra Zeneca	Amurwo	17.6	3	1320	3.51	7.744
Astra Zeneca	Amurwo	20.9	3	960	4.14	9.196
Astra Zeneca	Amurwo	4.5	0	600	0.9	1.98
Astra Zeneca	Amurwo	11.1	2	240	2.16	4.884
Astra Zeneca	Amurwo	10.56	3	240	2.07	4.6464
Astra Zeneca	Amurwo	11.25	1	480	2.25	4.95
Astra Zeneca	Amurwo	9.5	2	840	1.89	4.18
Astra Zeneca	Amurwo	13.72	3	600	2.7	6.0368
Astra Zeneca	Kano	9.6	2	3500	1.89	2.112
Astra Zeneca	Kano	9.6	0	1400	1.89	2.112
Astra Zeneca	Kano	17.6	3	3850	3.51	3.872
Astra Zeneca	Kano	20.9	3	2800	4.14	4.598

IBM Cognos Analytics with Watson

New data module

Search content

Properties

Data module

Grid Relationships Custom tables

Search

New data module

Navigation paths

Pharma\_Mo...ales.csv

# Row Id

Month

Customer

Period

Product

Location

Sales Rep

Supplier

Warehouses...cations

Actual

C.Sales

Inventory Stock

L.Sales

M.Sales

Number of Records

Received Inventory

Rep.Sales

Target

Inventory Stock	L.Sales	M.Sales	Number of Records	Received Inventory	Rep.Sales	Target
1200	1.89	4.224	1	5000	4.62	30
480	1.89	4.224	1	2000	4.62	27
1320	3.51	7.744	1	6000	8.58	18
960	4.14	9.196	1	2000	10.12	29
600	0.9	1.98	1	4000	2.2	17
240	2.16	4.884	1	2000	5.28	28
240	2.07	4.6464	1	2000	5.06	49
480	2.25	4.95	1	1000	5.5	27
840	1.89	4.18	1	3000	4.62	17
600	2.7	6.0368	1	2000	6.6	7
3500	1.89	2.112	1	6000	4.62	12
1400	1.89	2.112	1	3000	4.62	8
3850	3.51	3.872	1	8000	8.58	16
2800	4.14	4.598	1	5000	10.12	22

IBM Cognos Analytics with Watson

New data module

Search content

Properties

Data module

Grid Relationships Custom tables

Search

Month

Customer

Period

Product

Location

Sales Rep

Supplier

Warehouse Locations

Actual

C.Sales

Inventory Stock

L.Sales

M.Sales

Number of Records

Received Inventory

Rep.Sales

Target

Y Stock	L.Sales	M.Sales	Number of Records	Received Inventory	Filter...	Target
1.89	4.224	1	5000	30		
1.89	4.224	1	2000	27		
3.51	7.744	1	6000	18		
4.14	9.196	1	2000	29		
0.9	1.98	1	4000	17		
2.16	4.884	1	2000	28		
2.07	4.6464	1	2000	19		
2.25	4.95	1	1000	27		
1.89	4.18	1	3000	17		
2.7	6.0368	1	2000	7		
1.89	2.112	1	6000	4.62		12
1.89	2.112	1	3000	4.62		8
3.51	3.872	1	8000	8.58		16
4.14	4.568	1	4000	10.12		22

Filter...

- Create calculation...
- Create data group...
- Hide from users
- Remove
- Format data...
- Clean...
- Sort descending
- Sort ascending
- Properties

IBM Cognos Analytics with Watson

New data module

Search content

Properties

Data module

Grid Relationships Custom tables

Search

Month

Customer

Period

Product

Location

Sales Rep

Supplier

Warehouse Locations

Actual

C.Sales

Inventory Stock

L.Sales

M.Sales

Number of Records

Received Inventory

Rep.Sales

Target

Y Stock	L.Sales	M.Sales	Number of Records	Received Inventory	Rep.Sales	Target
1.89	2.112	1	6000	4.62	30	
1.89	2.112	1	3000	4.62	27	
3.51	3.872	1	8000	8.58	18	
				10.12	29	
				2.2	17	
				5.28	28	
				5.06	49	
				5.5	27	
				4.62	17	
				6.6	7	
				4.62	12	
				4.62	8	
				8.58	16	

Create calculation

Name

% change (Received Inventory, 44)

Expression

Received Inventory

% change

44

Calculate after aggregation

Use calculation editor

Cancel

OK

IBM Cognos Analytics with Watson

New data module

Search content

Properties

Data module

Grid Relationships Custom tables

Search

Month

Customer

Period

Product

Location

Sales Rep

Supplier

Warehouse Locations

Actual

C.Sales

Inventory Stock

L.Sales

M.Sales

Number of Records

Received Inventory

Rep.Sales

Target

Y Stock	L.Sales	M.Sales	Number of Records	Received Inventory	Rep.Sales	Target
1.89	2.112	1	6000	4.62	30	
1.89	2.112	1	3000	4.62	27	
3.51	3.872	1	8000	8.58	18	
				10.12	29	
				2.2	17	
				5.28	28	
				5.06	49	
				5.5	27	
				4.62	17	
				6.6	7	
				4.62	12	
				4.62	8	
				8.58	16	

Create a data group (numeric style)

Name

Rep.Sales (Group)

Group names

Groups

5

Range border values

Highest

8.764

6.948

5.132

3.316

Lower

8.7640 and above

6.9480 to < 8.7640

5.1320 to < 6.9480

3.3160 to < 5.1320

less than 3.3160

Group NULL values as

IBM Cognos Analytics with Watson

New data module

Search content

Properties

Data module

Search

ROW ID

Month

Customer

Period

Product

Location

Sales Rep

Supplier

Warehouse Locations

Actual

C.Sales

Inventory Stock

L.Sales

M.Sales

Number of Records

Received Inventory


Rep.Sales

Target

Data format

Column: Target

Format type: Unformatted



By default, this data is unformatted.  
You can select a different format type and specify its properties.

Advanced options

Reset properties

Cancel

OK

Rep.Sales	Target
4.62	30
4.62	27
8.58	18
10.12	29
2.2	17
5.28	28
5.06	49
5.5	27
4.62	17
6.6	7
4.62	12
4.62	8
8.58	16
10.12	22