

Team Id : PNT2022TMID05542

Project Name: Analytics for Hospitals' Health-Care Data

WORKING WITH THE DATASET

UNDERSTANDING THE DATASET:

In this Pharma Analysis, 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. The main grid displays the first 14 rows of the dataset. The 'Month' column contains values: March (rows 1-10), January (rows 11-13), and January (row 14).

Row Id	Month	Customer	Period	Product	Location	Sales Rep
1	March	Mobil	Q1	Afinitor Tab	Port Harcourt	A. Chukwu
2	March	Mobil	Q1	Brinerline 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	Brinerline 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. The main grid displays the first 14 rows of the dataset. The 'Period' column contains values: Q1 (rows 1-10), Q1 (rows 11-13), and Q1 (row 14).

Row Id	Month	Customer	Period	Product	Location	Sales Rep
1	March	Mobil	Q1	Afinitor Tab	Port Harcourt	A. Chukwu
2	March	Mobil	Q1	Brinerline 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	Brinerline 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

Data module

Grid Relationships Custom tables

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

Navigation paths

- Pharma_Mo...ales.csv
- # Row Id
- Month
- Customer
- Period
- Product
- Location
- Sales Rep
- Supplier
- Warehouse Locations
- Actual
- C.Sales
- Inventory Stock
- L.Sales
- M.Sales
- Number of Records

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Search content

Data module

Grid Relationships Custom tables

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

Navigation paths

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- C.Sales
- Inventory Stock
- L.Sales
- M.Sales
- Number of Records
- Received Inventory
- Rep.Sales
- Target

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Search content

Data module

Grid Relationships Custom tables

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

Navigation paths

- Pharma_Mo...ales.csv
- # Row Id
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New data module

Search

Data module

- Month
- Customer
- Period
- Product
- Location
- Sales Rep
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- L.Sales
- M.Sales
- Number of Records
- Received Inventory
- Rep.Sales
- Target

Stock	L.Sales	M.Sales	Number of Records	Received Inventory	Filter...	Target
1.89	4.224	1	5000			
1.89	4.224	1	2000			
3.51	7.744	1	6000			
4.14	9.196	1	2000			
0.9	1.98	1	4000			
2.16	4.884	1	2000			
2.07	4.6464	1	2000			
2.25	4.95	1	1000			
1.89	4.18	1	3000			
2.7	6.0368	1	2000			
1.89	2.112	1	6000			
1.89	2.112	1	3000			
3.51	3.872	1	8000			
4.14	4.568	1	4000			

Filter...

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

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New data module

Search

Data module

- Month
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- Warehouse Locations
- Actual
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- Inventory Stock
- L.Sales
- M.Sales
- Number of Records
- Received Inventory
- Rep.Sales
- Target

Stock	L.Sales	M.Sales	Number of Records	Received Inventory	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	29	
				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

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New data module

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Data module

- Month
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- Number of Records
- Received Inventory
- Rep.Sales
- Target

Create a data group (numeric style)

Name

Rep.Sales (Group)

Group names

Groups

Range border values

8.7640 and above

6.9480 to < 8.7640

5.1320 to < 6.9480

3.3160 to < 5.1320

less than 3.3160

Highest

8.764

6.948

5.132

3.316

Lowest

Group NULL values as

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New data module

Search

Data module

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

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	20
5.06	49
5.5	27
4.62	17
6.6	7
4.62	12
4.62	8
8.58	16
10.12	27