

## Working with the Dataset

Team ID	PNT2022TMID21499
Project Name	Analytics for Hospitals' Health-Care Data

## 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 dataset 'Pharma\_Mo\_sales.csv' with columns: Row Id, Month, Customer, Period, Product, Location, and Sales Rep. The 'Month' column is highlighted. The main grid displays the first 14 rows of data.

T1	Row Id	Month	Customer	Period	Product	Location	Sales Rep
1	1	March	Mobil	Q1	Afinitor Tab	Port Harcourt	A. Chukwu
2	2	March	Mobil	Q1	Brinerdine SCT	Port Harcourt	A. Chukwu
3	3	March	Mobil	Q1	Coartem Tab	Port Harcourt	A. Chukwu
4	4	March	Mobil	Q1	Codivon FCT	Port Harcourt	A. Chukwu
5	5	March	Mobil	Q1	Femara FCT	Port Harcourt	A. Chukwu
6	6	March	Mobil	Q1	Galvusmet FCT	Port Harcourt	A. Chukwu
7	7	March	Mobil	Q1	Lescol HGC	Port Harcourt	A. Chukwu
8	8	March	Mobil	Q1	Ritalin Tab	Port Harcourt	A. Chukwu
9	9	March	Mobil	Q1	Tegretol Tab	Port Harcourt	A. Chukwu
10	10	March	Mobil	Q1	Zaditen SRO FCT	Port Harcourt	A. Chukwu
11	11	January	Mobil	Q1	Afinitor Tab	Abeokuta	A. Chukwu
12	12	January	Mobil	Q1	Brinerdine SCT	Abeokuta	A. Chukwu
13	13	January	Mobil	Q1	Coartem Tab	Abeokuta	A. Chukwu
14	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 dataset 'Pharma\_Mo\_sales.csv' with columns: Row Id, Month, Customer, Period, Product, Location, and Sales Rep. The 'Period' column is highlighted. The main grid displays the first 14 rows of data.

T1	Row Id	Month	Customer	Period	Product	Location	Sales Rep
1	1	March	Mobil	Q1	Afinitor Tab	Port Harcourt	A. Chukwu
2	2	March	Mobil	Q1	Brinerdine SCT	Port Harcourt	A. Chukwu
3	3	March	Mobil	Q1	Coartem Tab	Port Harcourt	A. Chukwu
4	4	March	Mobil	Q1	Codivon FCT	Port Harcourt	A. Chukwu
5	5	March	Mobil	Q1	Femara FCT	Port Harcourt	A. Chukwu
6	6	March	Mobil	Q1	Galvusmet FCT	Port Harcourt	A. Chukwu
7	7	March	Mobil	Q1	Lescol HGC	Port Harcourt	A. Chukwu
8	8	March	Mobil	Q1	Ritalin Tab	Port Harcourt	A. Chukwu
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10	10	March	Mobil	Q1	Zaditen SRO FCT	Port Harcourt	A. Chukwu
11	11	January	Mobil	Q1	Afinitor Tab	Abeokuta	A. Chukwu
12	12	January	Mobil	Q1	Brinerdine SCT	Abeokuta	A. Chukwu
13	13	January	Mobil	Q1	Coartem Tab	Abeokuta	A. Chukwu
14	14	January	Mobil	Q1	Codivon FCT	Abeokuta	A. Chukwu

IBM Cognos Analytics with Watson | New data module

Search content

Properties

Data module

Search

New data module

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

Grid

Relationships

Custom tables

Row Id	Customer	Period	Product	Location	Sales Rep	Supplier
	Mobil	Q1	Affinitor Tab	Port Harcourt	A. Chukwu	Astra Zeneca
	Mobil	Q1	Brineridine 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	Affinitor Tab	Abeokuta	A. Chukwu	Astra Zeneca
	Mobil	Q1	Brineridine SCT	Abeokuta	A. Chukwu	Astra Zeneca
	Mobil	Q1	Coartem Tab	Abeokuta	A. Chukwu	Astra Zeneca
	Mobil	Q1	Codivian FCT	Abeokuta	A. Chukwu	Astra Zeneca

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Custom tables

Row Id	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

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Product

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Sales Rep

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Actual

C.Sales

Inventory Stock

L.Sales

M.Sales

Number of Records

Received Inventory

Rep.Sales

Target

Grid

Relationships

Custom tables

Row Id	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

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Grid Relationships Custom tables

Search

Month

Customer

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Product

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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		Create calculation...	30
1.89	4.224	1	2000		Create data group...	27
3.51	7.744	1	6000		Hide from users	18
4.14	9.196	1	2000		Remove	29
0.9	1.98	1	4000		Format data...	17
2.16	4.884	1	2000		Clean...	28
2.07	4.6464	1	2000		Sort descending	19
2.25	4.95	1	3000		Sort ascending	5.5
1.89	4.16	1	3000		Properties	4.62
2.7	6.0368	1	2000			6.6
1.89	2.112	1	6000			4.62
1.89	2.112	1	3000			8
3.51	3.872	1	8000			8.58
4.14	4.568	1	5000			10.12

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Grid Relationships Custom tables

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

Y 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	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

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Create a data group (numeric style)

Name Rep.Sales (Group)

Group names Groups Range border values

5

8.7640 and above	Highest
6.9480 to < 8.7640	8.764
5.1320 to < 6.9480	6.948
3.3160 to < 5.1320	5.132
less than 3.3160	3.316
	Lowest

☐ Group NULL values as

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Received Inventory

Rep.Sales

Target

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	27