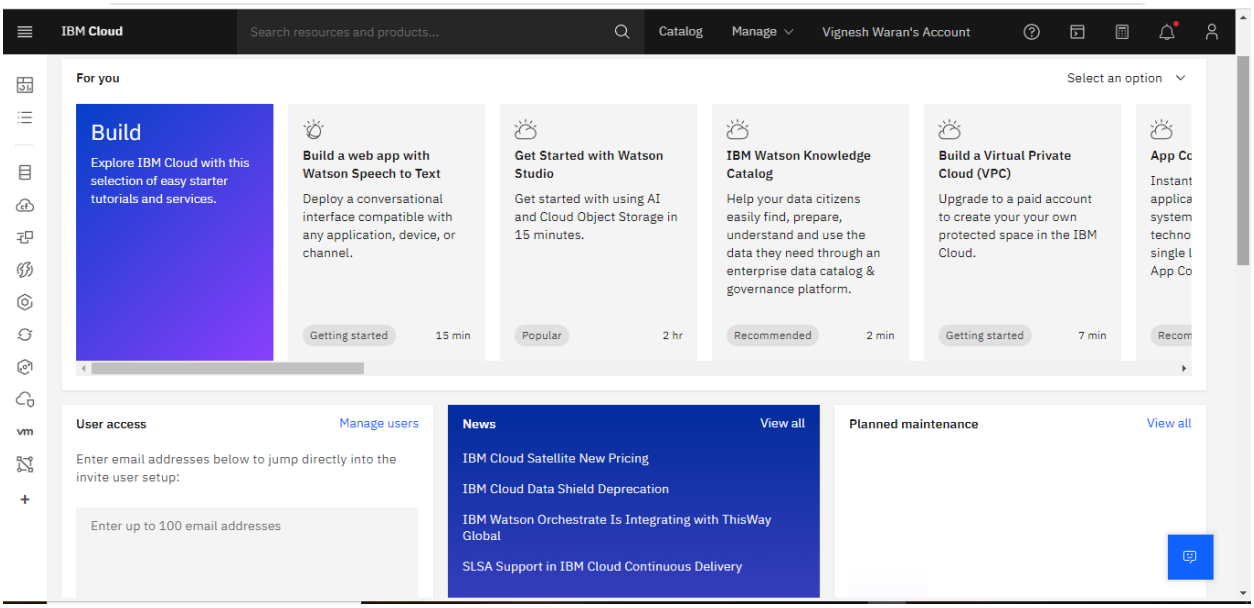
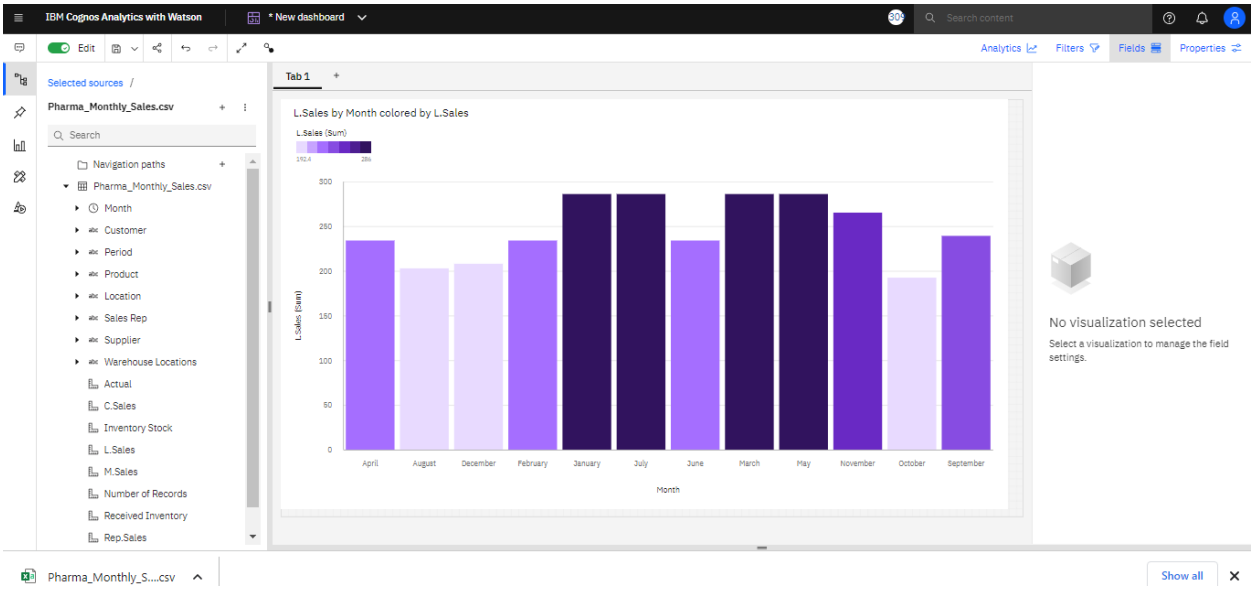
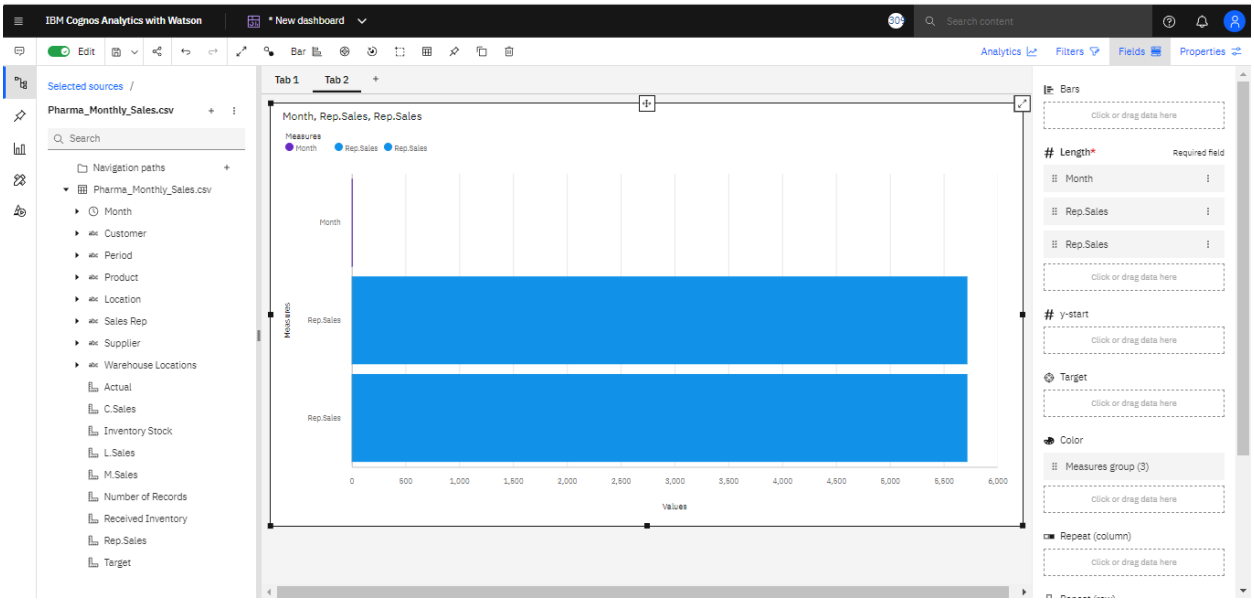
DATE	**10.11.2022**
TEAM ID	**PNT2022TMID4772**
PROJECT NAME	**Analytics For Hospitals Health Care Data**

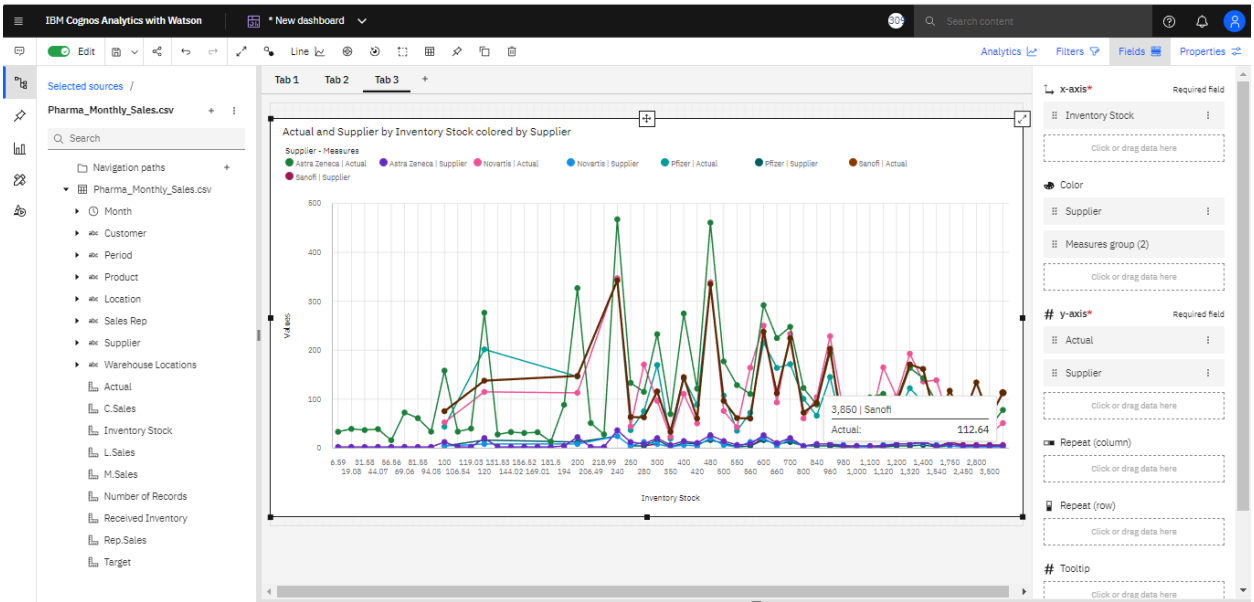
TEAM MEMBERS	**SABARI RAJA** **VIGNESH WARAN** **SIRAJ ANWARDEEN** **SHAKKIF IBRAHIM**

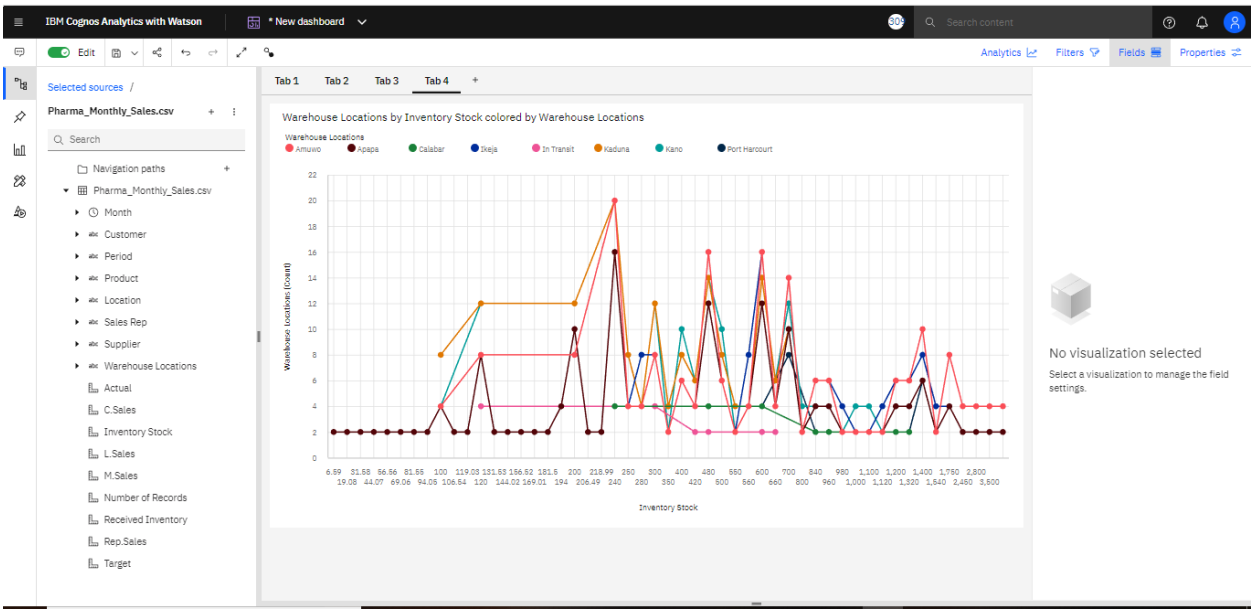
Project Pathway :

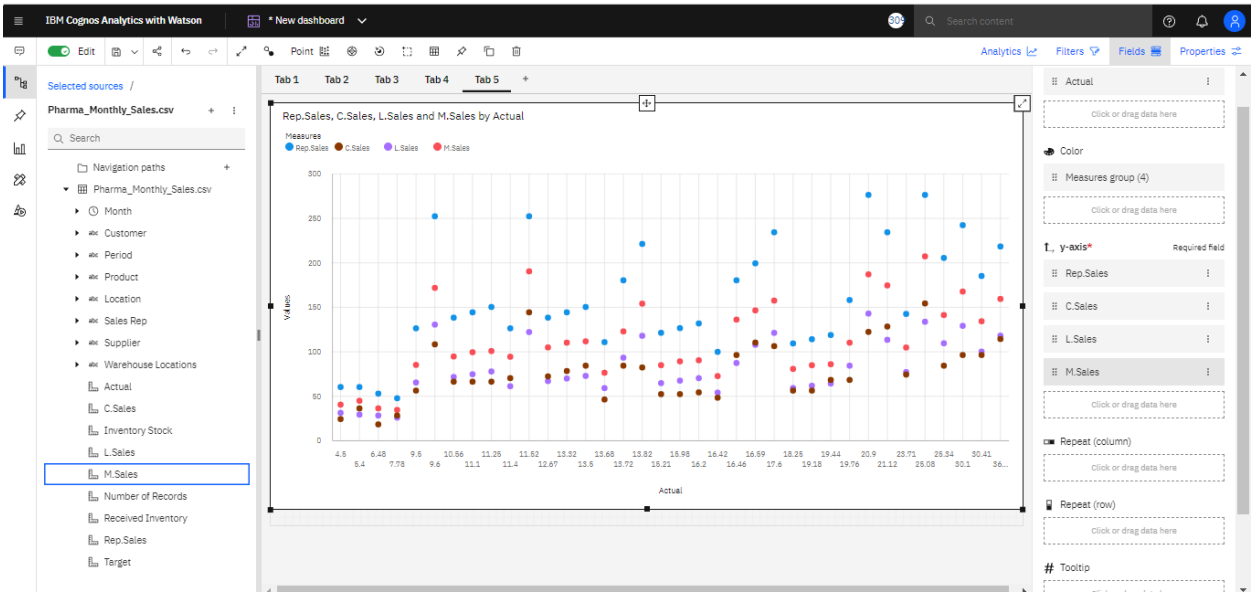


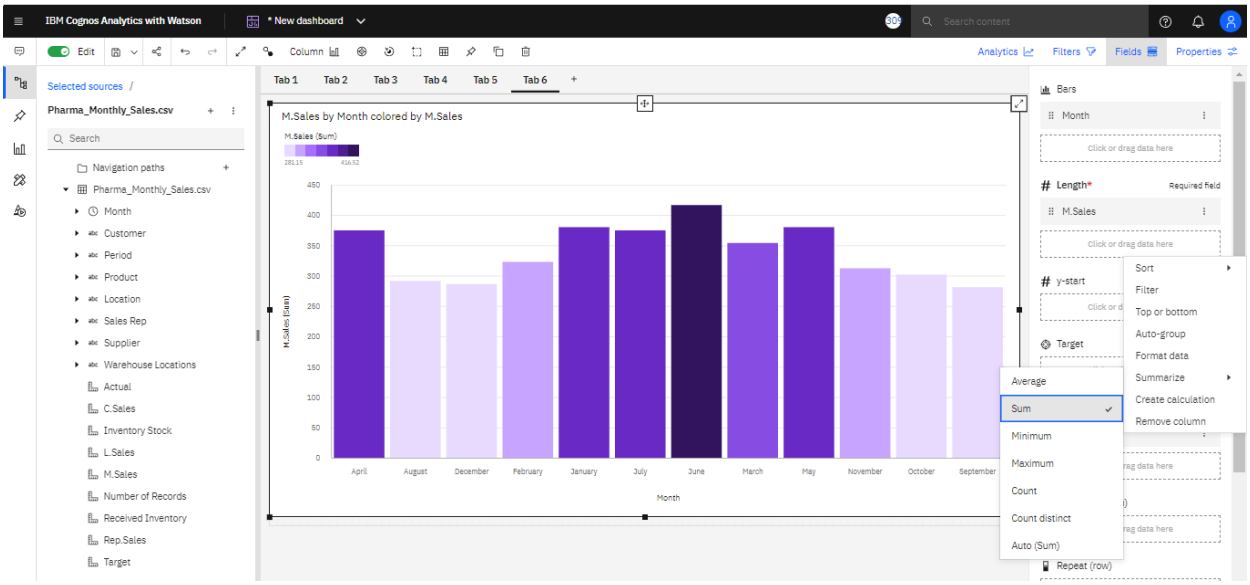


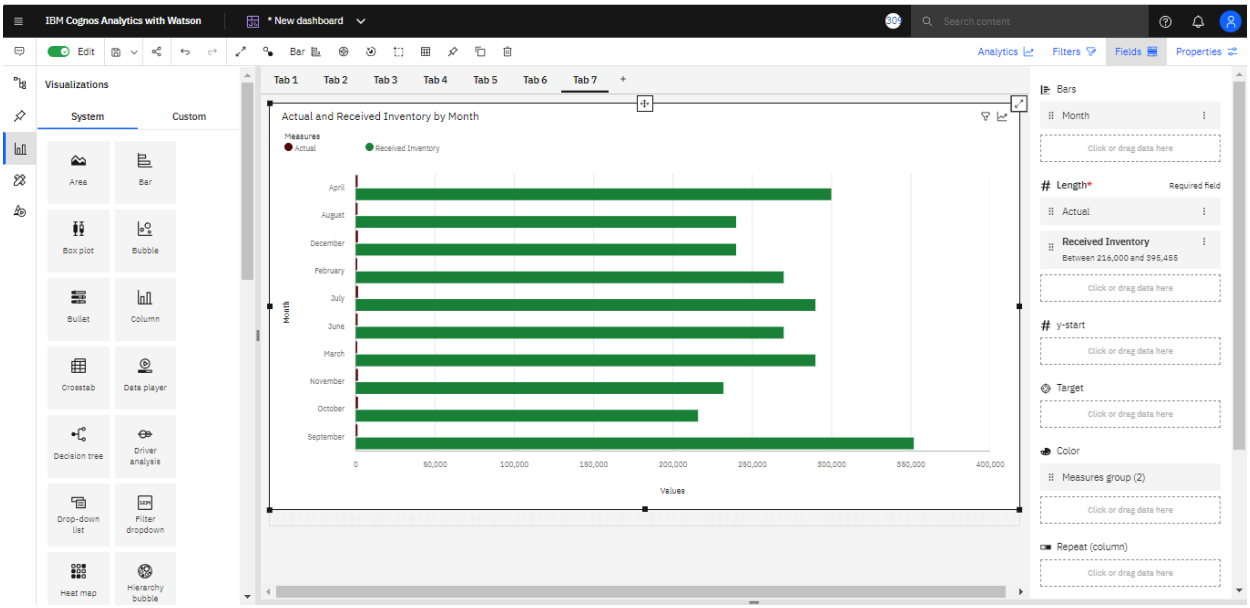

IBM Cognos Analytics with Watson
* New dashboard
Edit
Bar
Analytics
Filters
Fields
Properties
Selected sources
Pharma_Monthly_Sales.csv
Search
Navigation paths
Pharma_Monthly_Sales.csv
Month
Customer
Period
Product
Location
Sales Rep
Supplier
Warehouse Locations
Actual
C.Sales
Inventory Stock
L.Sales
M.Sales
Number of Records
Received Inventory
Rep.Sales
Target
Tab 1
Tab 2
Month, Rep.Sales, Rep.Sales
Measures
Month
Rep.Sales
Rep.Sales
Measures
Values
0
500
1,000
1,500
2,000
2,500
3,000
3,500
4,000
4,500
5,000
5,500
6,000
Bars
Click or drag data here
Length*
Required field
Month
Rep.Sales
Rep.Sales
y-start
Target
Color
Measures group (3)
Repeat (column)

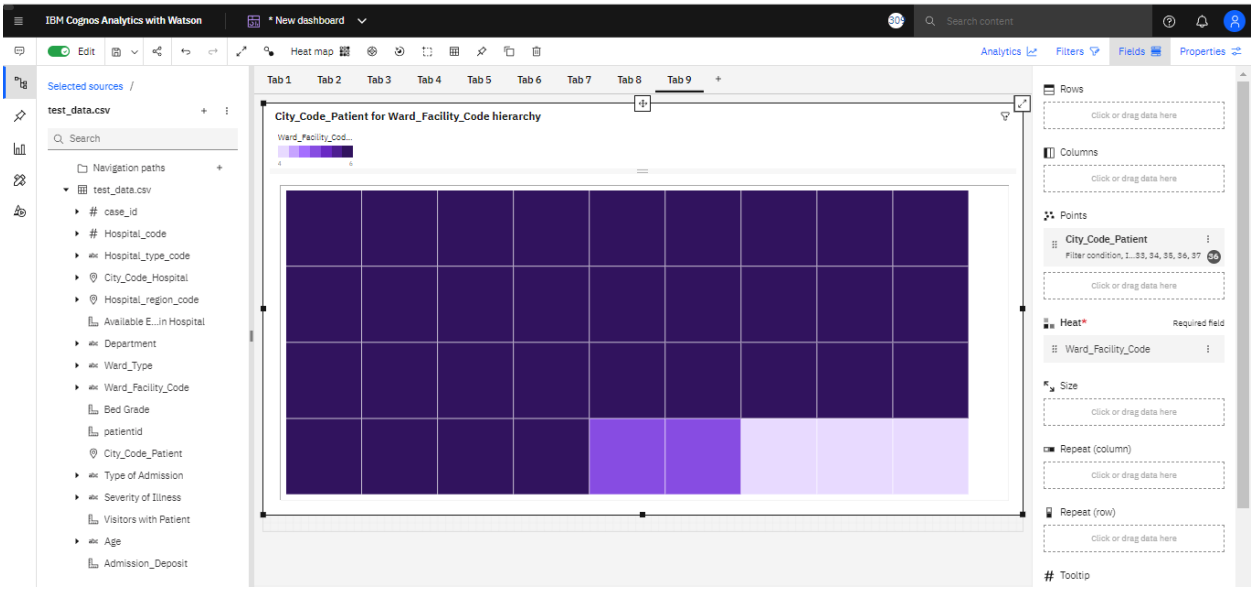

IBM Cognos Analytics with Watson
* New dashboard
Edit
Line
Analytics
Filters
Fields
Properties
Selected sources
Pharma_Monthly_Sales.csv
Search
Navigation paths
Pharma_Monthly_Sales.csv
Month
Customer
Period
Product
Location
Sales Rep
Supplier
Warehouse Locations
Actual
C.Sales
Inventory Stock
L.Sales
M.Sales
Number of Records
Received Inventory
Rep.Sales
Target
Tab 1
Tab 2
Tab 3
Actual and Supplier by Inventory Stock colored by Supplier
Supplier - Measures
Astra Zeneca | Actual
Astra Zeneca | Supplier
Novartis | Actual
Novartis | Supplier
Pfizer | Actual
Pfizer | Supplier
Sanofi | Actual
Sanofi | Supplier
Values
Inventory Stock
3,850 | Sanofi
Actual: 112.64
x-axis*
Required field
Inventory Stock
Color
Supplier
Measures group (2)
y-axis*
Required field
Actual
Supplier
Repeat (column)
Repeat (row)
Tooltip

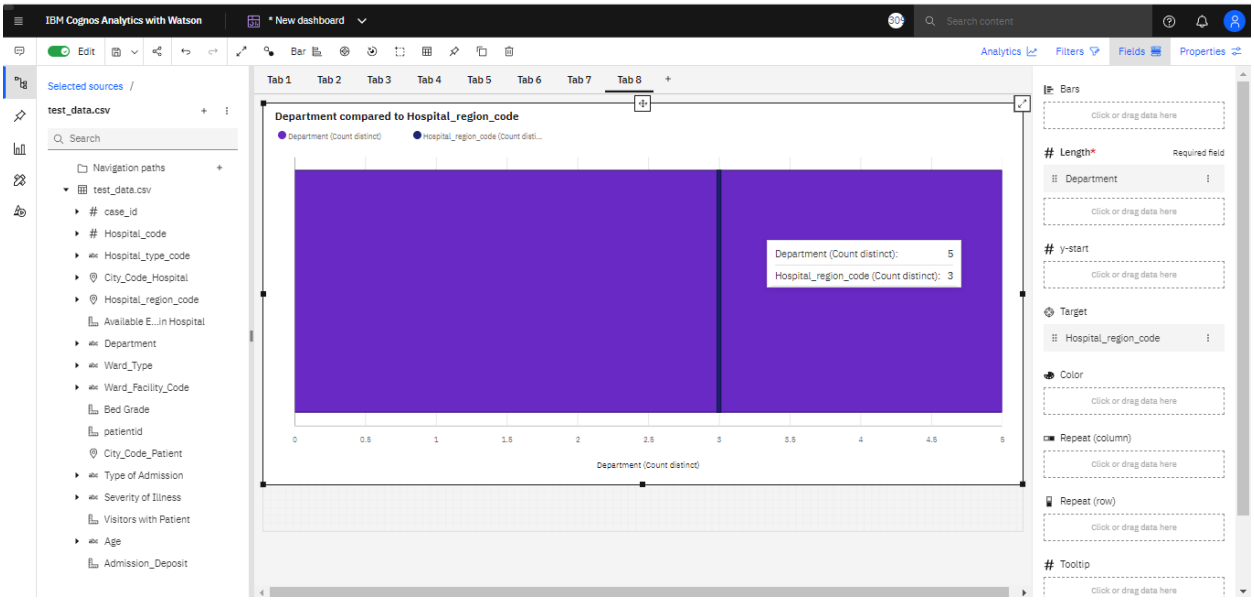

IBM Cognos Analytics with Watson
* New dashboard
Edit
Analytics
Filters
Fields
Properties
Selected sources /
Pharma_Monthly_Sales.csv
Search
Navigation paths
Pharma_Monthly_Sales.csv
Month
Customer
Period
Product
Location
Sales Rep
Supplier
Warehouse Locations
Actual
C.Sales
Inventory Stock
L.Sales
M.Sales
Number of Records
Received Inventory
Rep.Sales
Target
Tab 1
Tab 2
Tab 3
Tab 4
Warehouse Locations by Inventory Stock colored by Warehouse Locations
Warehouse Locations
Amuwo
Apapa
Calabar
Ikeja
In Transit
Kaduna
Kano
Port Harcourt
Warehouse Locations (Count)
Inventory Stock
No visualization selected
Select a visualization to manage the field settings.


IBM Cognos Analytics with Watson
* New dashboard
Edit
Point
Analytics
Filters
Fields
Properties
Selected sources /
Pharma_Monthly_Sales.csv
Search
Navigation paths
Pharma_Monthly_Sales.csv
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
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
Rep.Sales, C.Sales, L.Sales and M.Sales by Actual
Measures
Rep.Sales
C.Sales
L.Sales
M.Sales
Values
Actual
Actual
Click or drag data here
Color
Measures group (4)
Click or drag data here
y-axis*
Required field
Rep.Sales
C.Sales
L.Sales
M.Sales
Click or drag data here
Repeat (column)
Click or drag data here
Repeat (row)
Click or drag data here
Tooltip

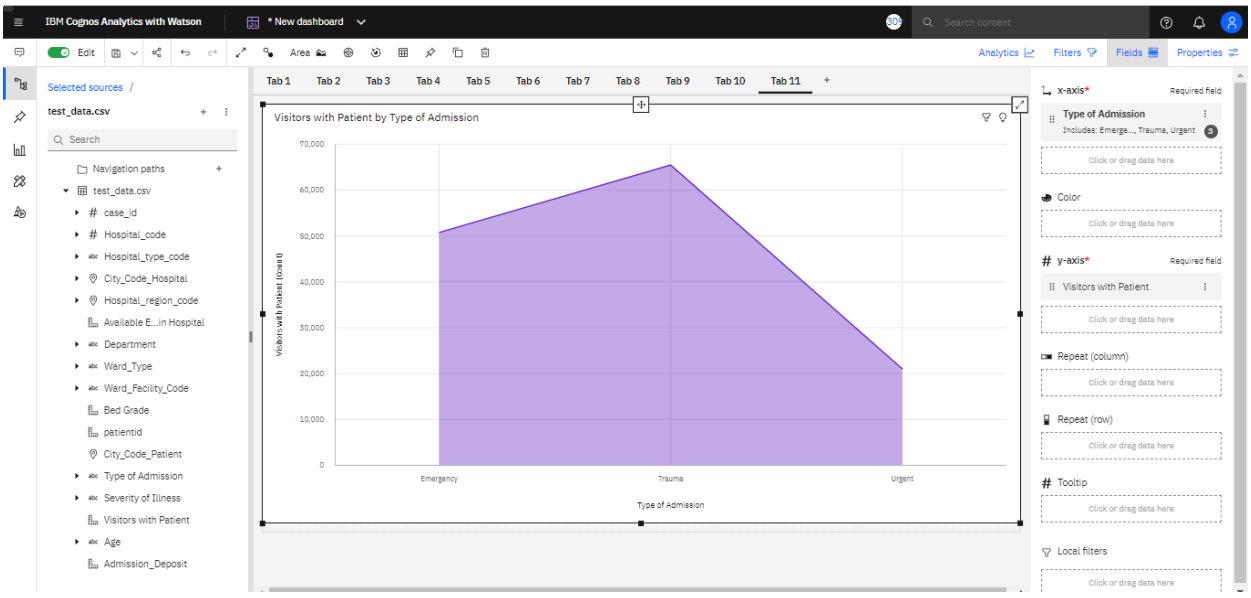

IBM Cognos Analytics with Watson
* New dashboard
Edit
Column
Analytics
Filters
Fields
Properties
Selected sources
Pharma_Monthly_Sales.csv
Search
Navigation paths
Pharma_Monthly_Sales.csv
Month
Customer
Period
Product
Location
Sales Rep
Supplier
Warehouse Locations
Actual
C.Sales
Inventory Stock
L.Sales
M.Sales
Number of Records
Received Inventory
Rep.Sales
Target
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
Tab 6
M.Sales by Month colored by M.Sales
M.Sales (Sum)
281.15
416.52
M.Sales (Sum)
Month
April
August
December
February
January
July
June
March
May
November
October
September
Bars
Month
Length*
Required field
M.Sales
y-start
Target
Sort
Filter
Top or bottom
Auto-group
Format data
Summarize
Create calculation
Remove column
Average
Sum
Minimum
Maximum
Count
Count distinct
Auto (Sum)
Repeat (row)

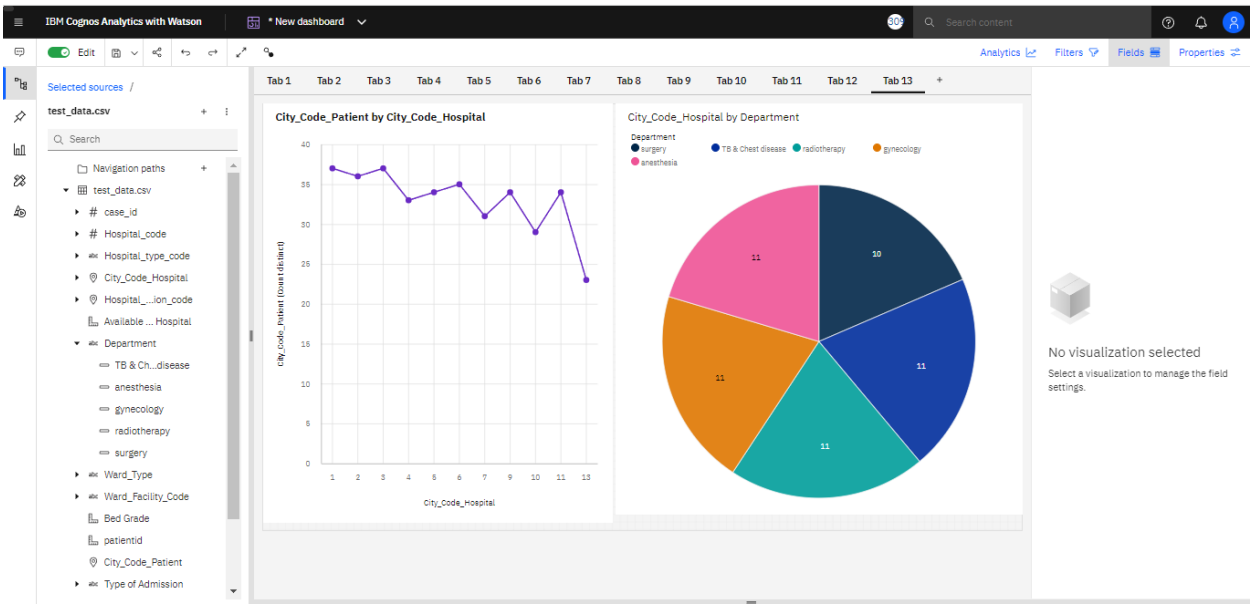

IBM Cognos Analytics with Watson
* New dashboard
Edit
Bar
Analytics
Filters
Fields
Properties
Visualizations
System
Custom
Area
Bar
Box plot
Bubble
Bullet
Column
Crosstab
Data player
Decision tree
Driver analysis
Drop-down list
Filter dropdown
Heat map
Hierarchy bubble
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
Tab 6
Tab 7
Actual and Received Inventory by Month
Measures
Actual
Received Inventory
Month
April
August
December
February
July
June
March
November
October
September
0
50,000
100,000
150,000
200,000
250,000
300,000
350,000
400,000
Values
Bars
Month
Length*
Required field
Actual
Received Inventory
Between 216,000 and 395,455
y-start
Target
Color
Measures group (2)
Repeat (column)

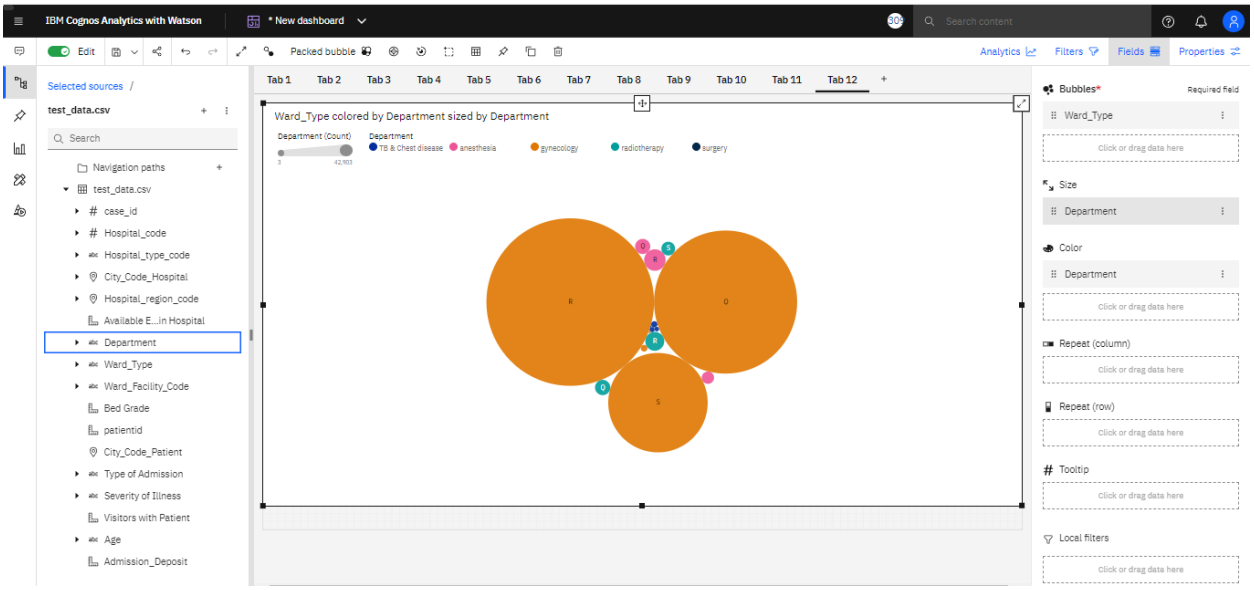

IBM Cognos Analytics with Watson
* New dashboard
Edit
Heat map
Analytics
Filters
Fields
Properties
Selected sources
test_data.csv
Search
Navigation paths
test_data.csv
case_id
Hospital_code
Hospital_type_code
City_Code_Hospital
Hospital_region_code
Available E...in Hospital
Department
Ward_Type
Ward_Facility_Code
Bed Grade
patientid
City_Code_Patient
Type of Admission
Severity of Illness
Visitors with Patient
Age
Admission_Deposit
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
Tab 6
Tab 7
Tab 8
Tab 9
City_Code_Patient for Ward_Facility_Code hierarchy
Rows
Columns
Points
City_Code_Patient
Heat*
Required field
Ward_Facility_Code
Size
Repeat (column)
Repeat (row)
Tooltip

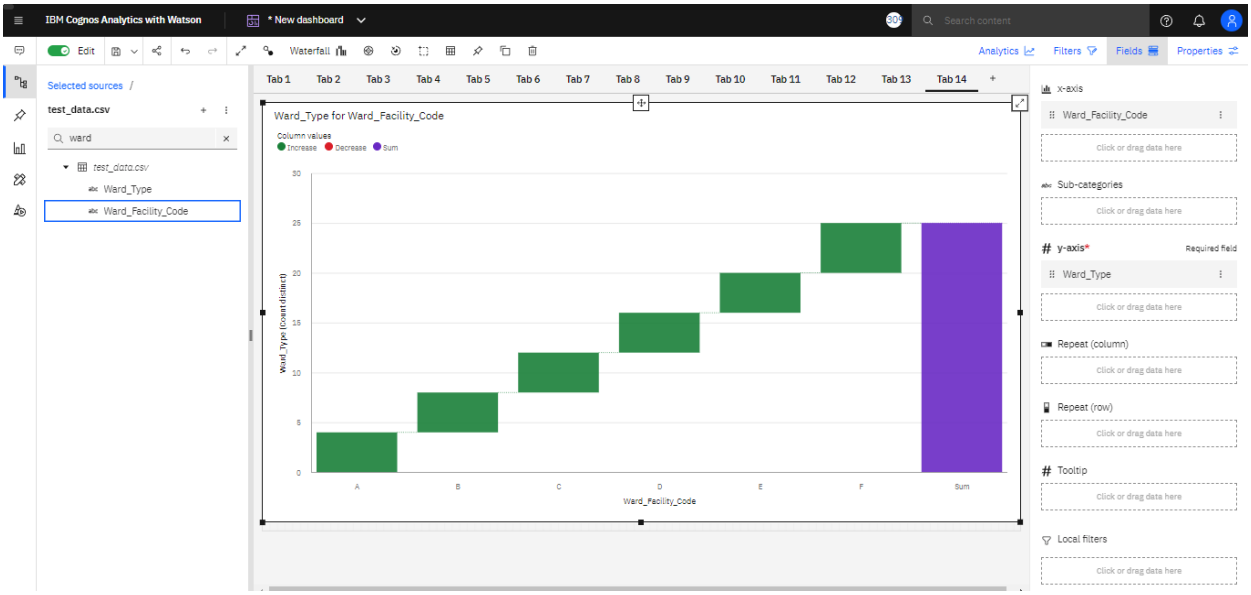

IBM Cognos Analytics with Watson
* New dashboard
Edit
Bar
Analytics
Filters
Fields
Properties
Selected sources
test_data.csv
Search
Navigation paths
test_data.csv
case_id
Hospital_code
Hospital_type_code
City_Code_Hospital
Hospital_region_code
Available E...in Hospital
Department
Ward_Type
Ward_Facility_Code
Bed Grade
patientid
City_Code_Patient
Type of Admission
Severity of Illness
Visitors with Patient
Age
Admission_Deposit
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
Tab 6
Tab 7
Tab 8
Department compared to Hospital_region_code
Department (Count distinct)
Hospital_region_code (Count distinct)
Department (Count distinct): 5
Hospital_region_code (Count distinct): 3
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
Department (Count distinct)
Bars
Length*
Required field
Department
y-start
Target
Hospital_region_code
Color
Repeat (column)
Repeat (row)
Tooltip

IBM Cognos Analytics with Watson
* New dashboard
Search content
Edit
Point
Analytics
Filters
Fields
Properties
Selected sources /
test_data.csv
Search
Navigation paths
test_data.csv
case_id
Hospital_code
Hospital_type_code
City_Code_Hospital
Hospital_region_code
Available E...in Hospital
Department
Ward_Type
Ward_Facility_Code
Bed Grade
patientid
City_Code_Patient
Type of Admission
Severity of Illness
Visitors with Patient
Age
Admission_Deposit
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
Tab 6
Tab 7
Tab 8
Tab 9
Tab 10
case_id by patientid
case_id (Count of data)
patientid
The widget selected does not use forecasting or analytic insights
Select a visualization with analytics support to manage the analytics settings


IBM Cognos Analytics with Watson
* New dashboard
Search content
Edit
Area
Analytics
Filters
Fields
Properties
Selected sources /
test_data.csv
Search
Navigation paths
test_data.csv
case_id
Hospital_code
Hospital_type_code
City_Code_Hospital
Hospital_region_code
Available E...in Hospital
Department
Ward_Type
Ward_Facility_Code
Bed Grade
patientid
City_Code_Patient
Type of Admission
Severity of Illness
Visitors with Patient
Age
Admission_Deposit
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
Tab 6
Tab 7
Tab 8
Tab 9
Tab 10
Tab 11
Visitors with Patient by Type of Admission
Visitors with Patient (count)
Emergency
Trauma
Urgent
Type of Admission
x-axis*
Required field
Type of Admission
Includes: Emerge..., Trauma, Urgent
Click or drag data here
Color
y-axis*
Visitors with Patient
Repeat (column)
Repeat (row)
Tooltip
Local filters


IBM Cognos Analytics with Watson
* New dashboard
Edit
Analytics
Filters
Fields
Properties
Selected sources
test_data.csv
Search
Navigation paths
test_data.csv
case_id
Hospital_code
Hospital_type_code
City_Code_Hospital
Hospital_...ion_code
Available ... Hospital
Department
TB & Ch...disease
anesthesia
gynecology
radiotherapy
surgery
Ward_Type
Ward_Facility_Code
Bed Grade
patientid
City_Code_Patient
Type of Admission
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
Tab 6
Tab 7
Tab 8
Tab 9
Tab 10
Tab 11
Tab 12
Tab 13
City_Code_Patient by City_Code_Hospital
City_Code_Patient (Count Distinct)
City_Code_Hospital
City_Code_Hospital by Department
Department
surgery
TB & Chest disease
radiotherapy
gynecology
anesthesia
10
11
11
11
No visualization selected
Select a visualization to manage the field settings.


IBM Cognos Analytics with Watson
* New dashboard
Edit
Packed bubble
Analytics
Filters
Fields
Properties
Selected sources
test_data.csv
Search
Navigation paths
test_data.csv
case_id
Hospital_code
Hospital_type_code
City_Code_Hospital
Hospital_region_code
Available E...in Hospital
Department
Ward_Type
Ward_Facility_Code
Bed Grade
patientid
City_Code_Patient
Type of Admission
Severity of Illness
Visitors with Patient
Age
Admission_Deposit
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
Tab 6
Tab 7
Tab 8
Tab 9
Tab 10
Tab 11
Tab 12
Ward_Type colored by Department sized by Department
Department (Count)
Department
TB & Chest disease
anesthesia
gynecology
radiotherapy
surgery
Bubbles*
Required field
Ward_Type
Click or drag data here
Size
Department
Color
Department
Click or drag data here
Repeat (column)
Click or drag data here
Repeat (row)
Click or drag data here
Tooltip
Click or drag data here
Local filters
Click or drag data here


IBM Cognos Analytics with Watson
* New dashboard
Search content
Edit
Waterfall
Analytics
Filters
Fields
Properties
Selected sources /
test_data.csv
ward
test_data.csv
Ward_Type
Ward_Facility_Code
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
Tab 6
Tab 7
Tab 8
Tab 9
Tab 10
Tab 11
Tab 12
Tab 13
Tab 14
Ward_Type for Ward_Facility_Code
Column values
Increase
Decrease
Sum
Ward_Type (Count distinct)
Ward_Facility_Code
A
B
C
D
E
F
Sum
x-axis
Ward_Facility_Code
Click or drag data here
Sub-categories
y-axis*
Required field
Ward_Type
Repeat (column)
Repeat (row)
Tooltip
Local filters

\