

## ASSIGNMENT-2

Data cleaning:

Before Cleaning:

IBM Cognos Analytics with Watson

New data module

12

Search content

Properties

Grid

Relationships

Custom tables

Search

# Row Id

🕒 Month

👤 Customer

📅 Period

📦 Product

📍 Location

👤 Sales Rep

👤 Supplier

📦 Warehouse...ctions

📊 Actual

C.Sales

Inventory Stock

📊 L.Sales

📊 M.Sales

📊 Number of Records

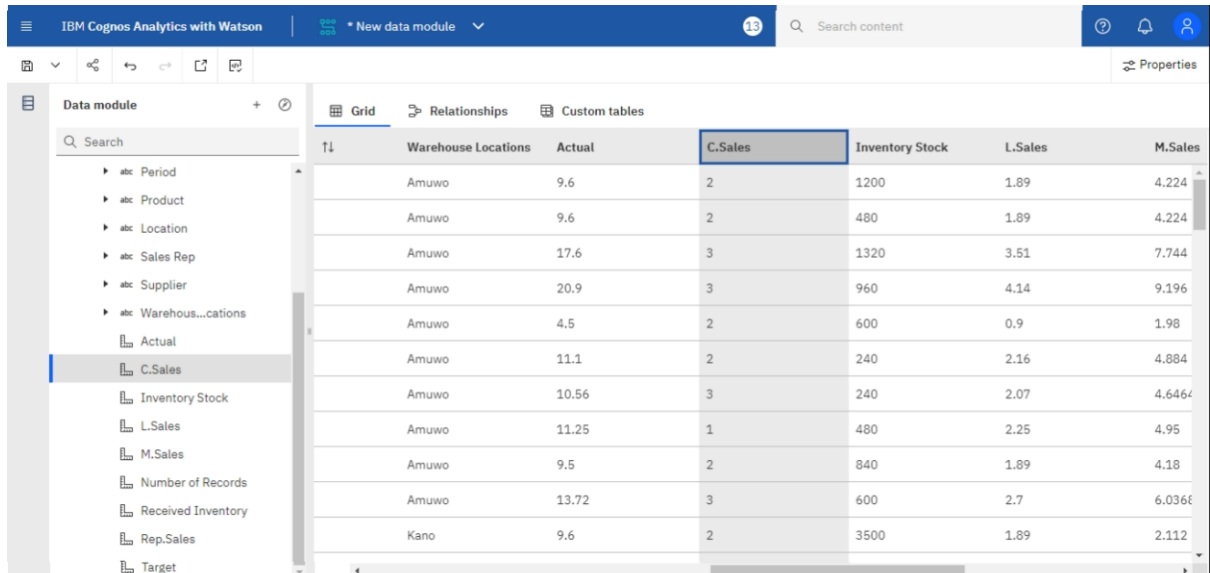
📊 Received Inventory

📊 Rep.Sales

📊 Target

Warehouse Locations	Actual	C.Sales	Inventory Stock	L.Sales	M.Sales	Number of Records	Received Inventory
9.6	2	1200	1.89	4.224	1	5000	
9.6	0	480	1.89	4.224	1	2000	
17.6	3	1320	3.51	7.744	1	6000	
20.9	3	960	4.14	9.196	1	2000	
4.5	0	600	0.9	1.98	1	4000	
11.1	2	240	2.16	4.884	1	2000	
10.56	3	240	2.07	4.6464	1	2000	
11.25	1	480	2.25	4.95	1	1000	
9.5	2	840	1.89	4.18	1	3000	
13.72	3	600	2.7	6.036	1	2000	
9.6	2	3500	1.89	2.112	1	6000	
9.6	0	1400	1.89	2.112	1	3000	
17.6	3	3850	3.51	3.872	1	8000	
20.9	3	2800	4.14	4.598	1	5000	

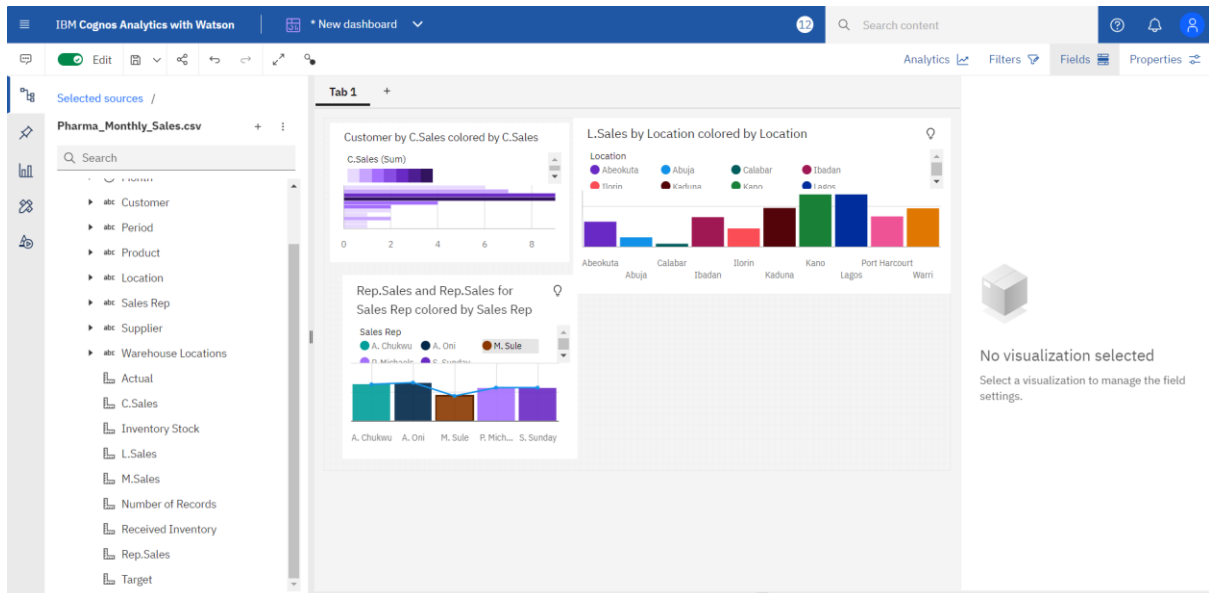
After Cleaning:



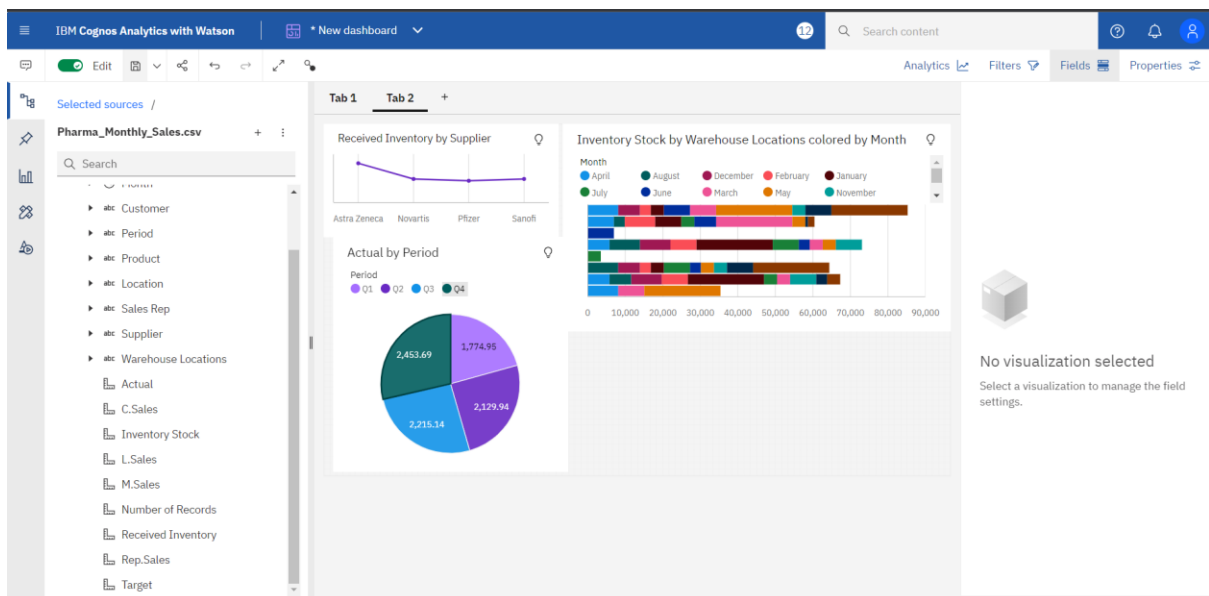
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Amuwo	13.72	3	600	2.7	6.036
Kano	9.6	2	3500	1.89	2.112

## Dashboard:

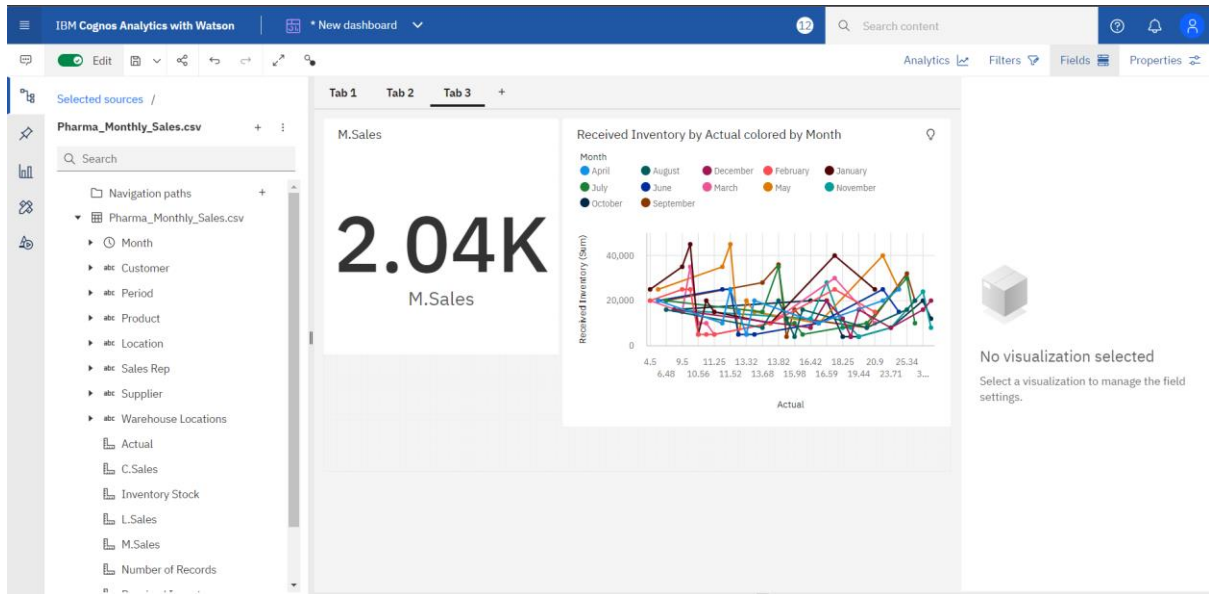
### Tab-1:



### Tab-2:



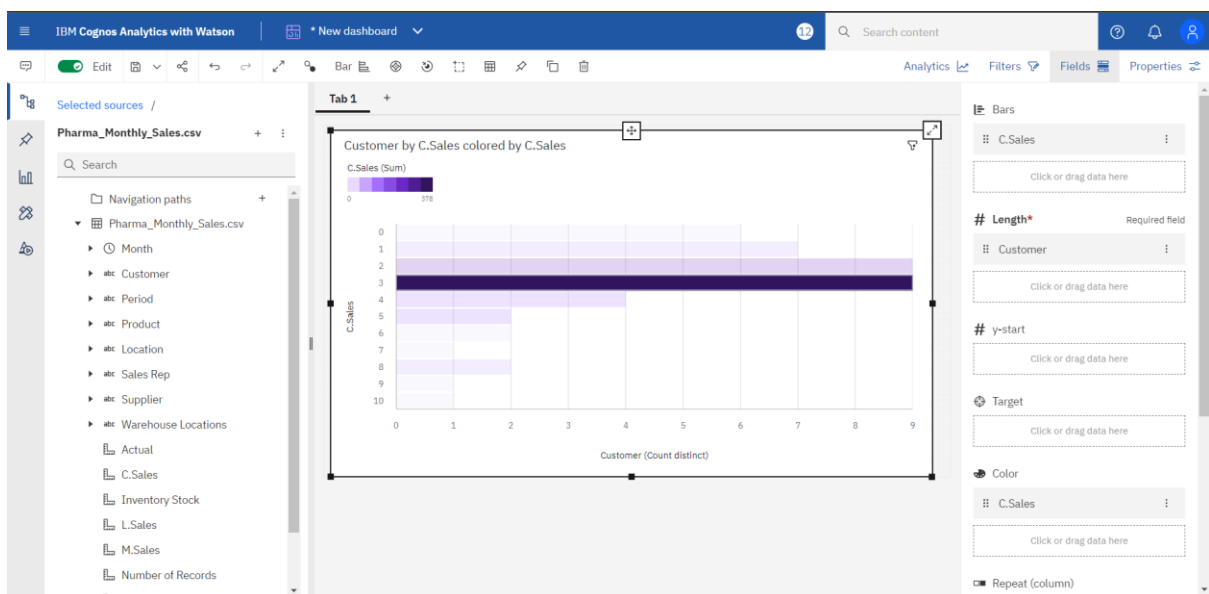
### Tab-3:



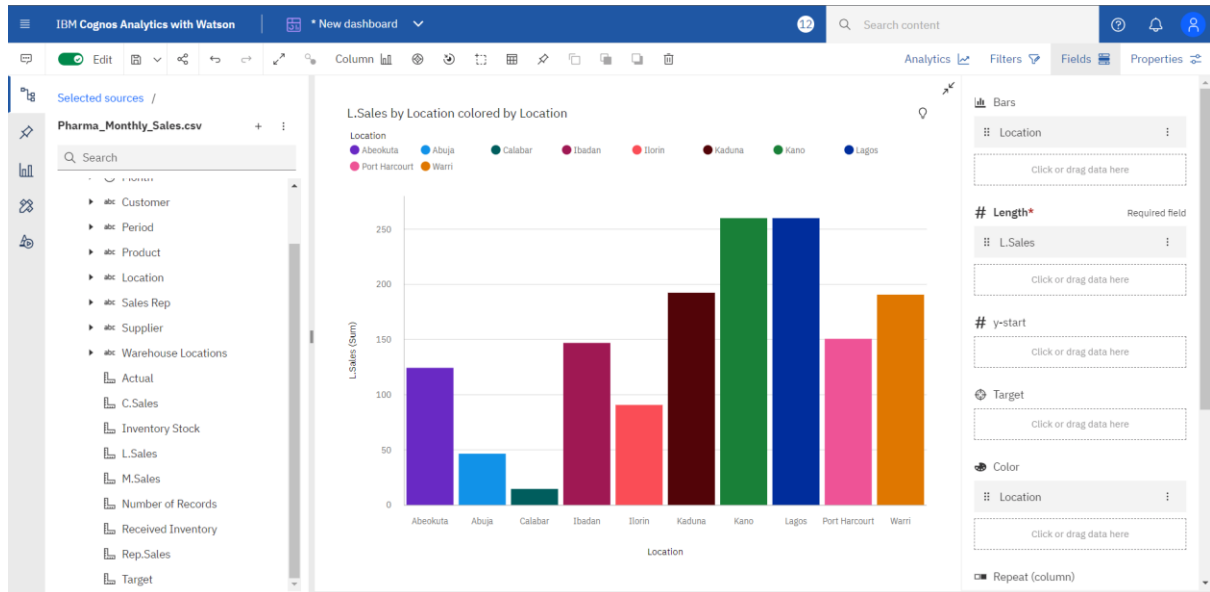
### Virtualizations:

### Dashboard:

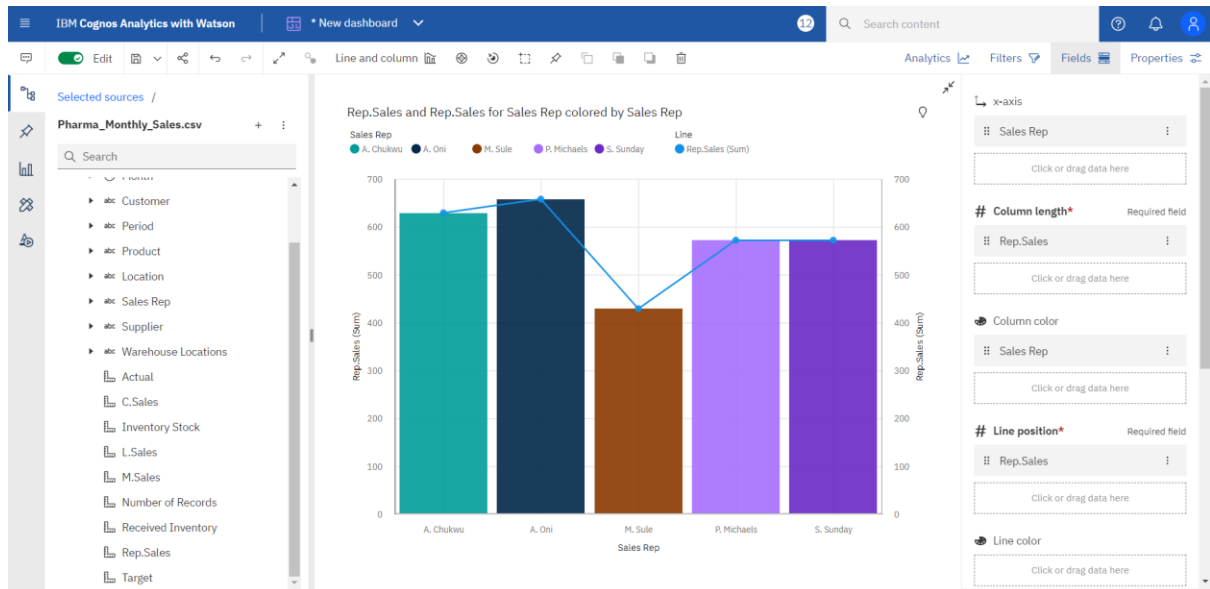
### Task 1: Sales By Customer (Bar chart)



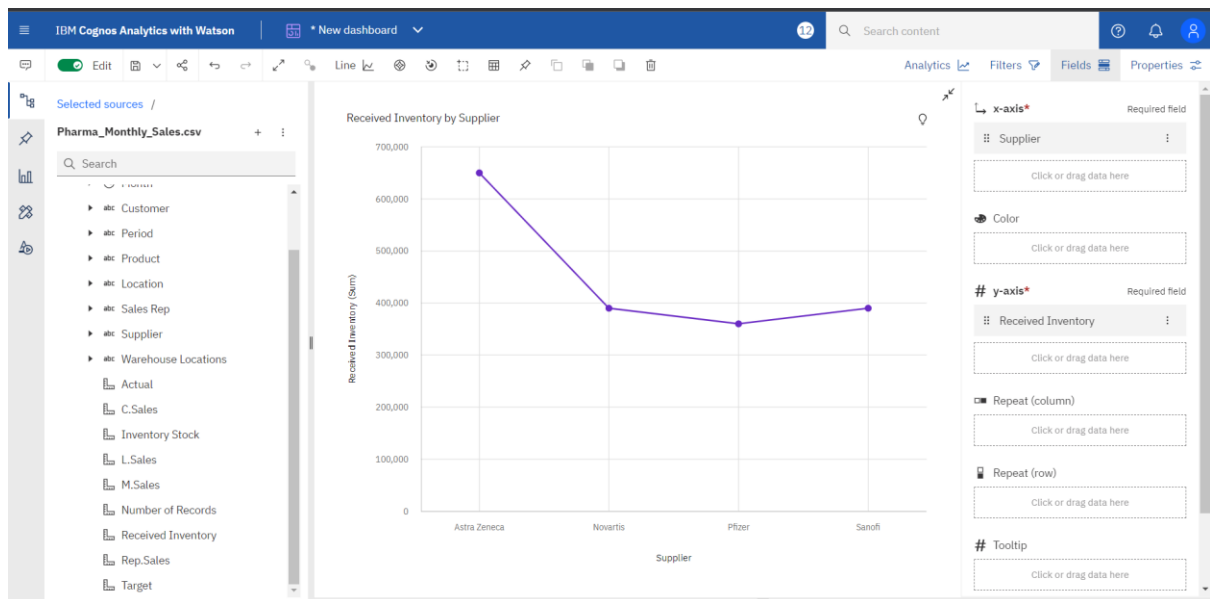
## Task 2: Sales By Location (Column Chart)



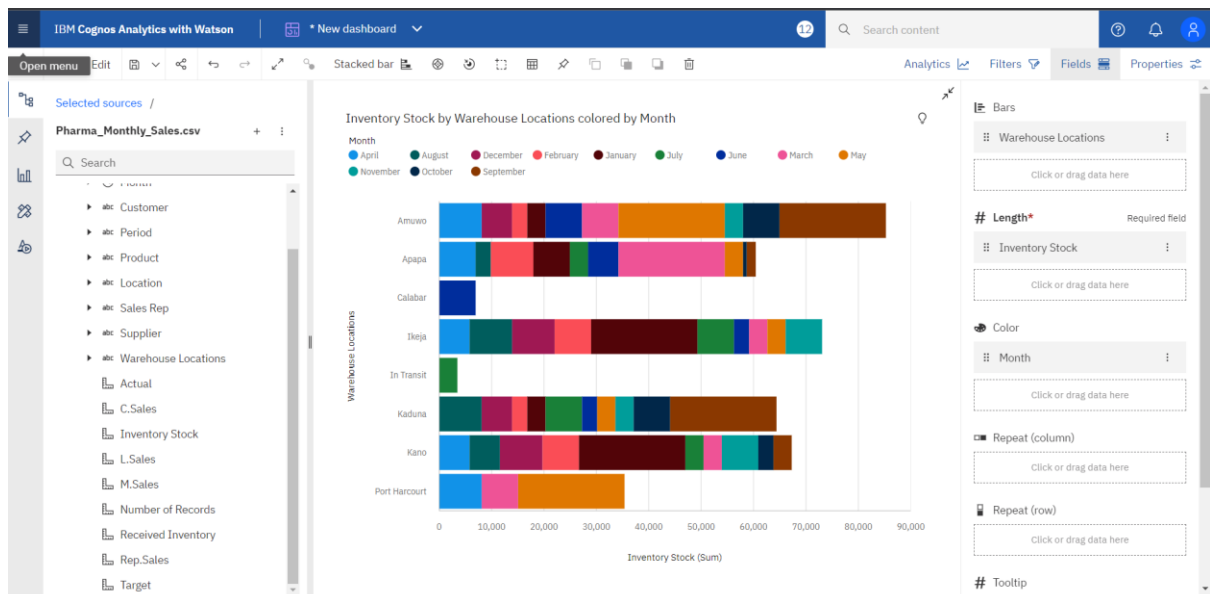
## Task 3: Sales By Sales Representative (Line and Column Chart)



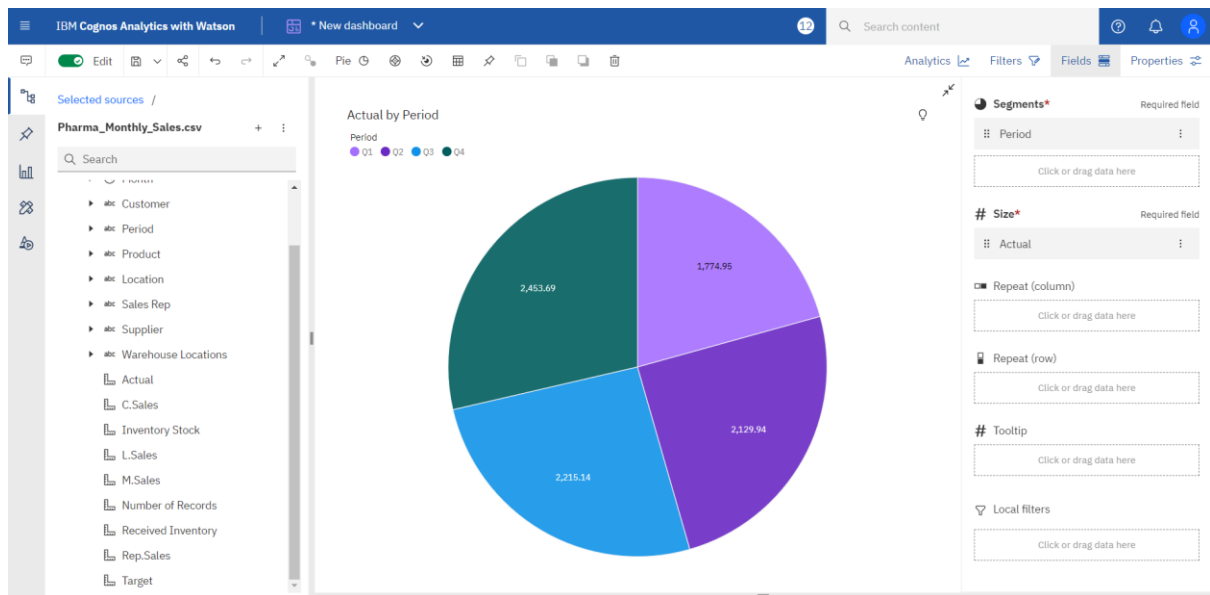
#### Task 4: Received Inventory From Supplier (Line chart)



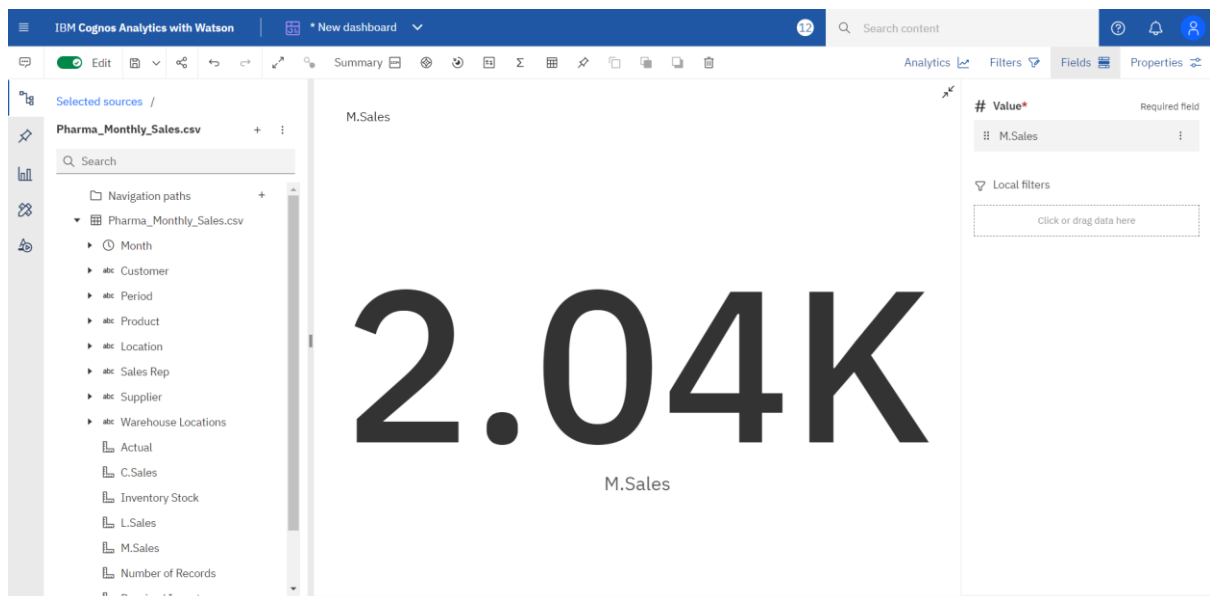
### Task 5: Inventory Stock for Warehouse Locations (Stacked Bar Chart)



## Task 6: Sales Trend (Pie Chart)



## Task 7: Monthly Sales (Summary)



## Task 8: Actual and Received Inventory by Month (Line Chart)

