

Assignment – 2

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Dataset: Pharma sales dataset

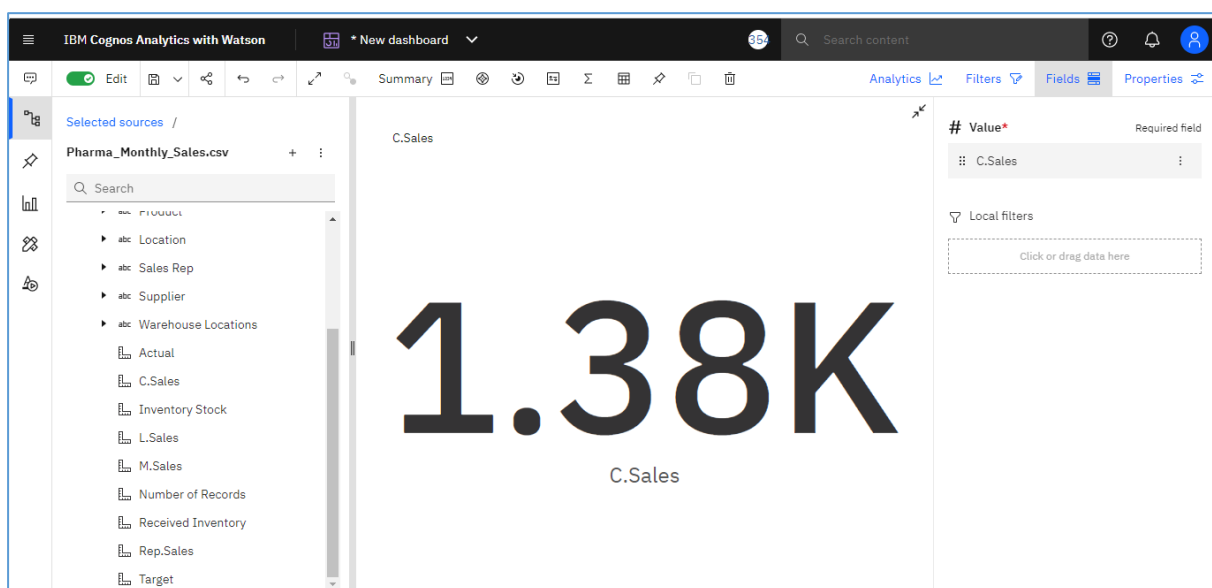
Data Preparation:

The screenshot shows the IBM Cognos Analytics interface with the 'Pharma' dataset loaded in the Grid view. The table has 8 columns: Row Id, Month, Customer, Period, Product, Location, and Sales. The data is sorted by Row Id. The first 10 rows show sales for March Q1, and the 11th row shows sales for January Q1.

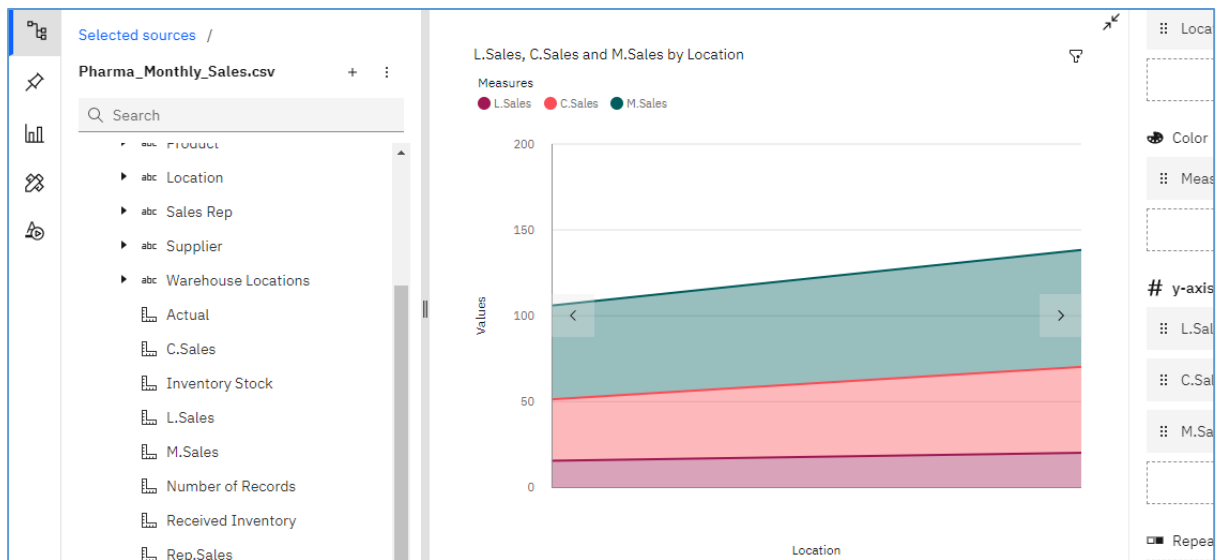
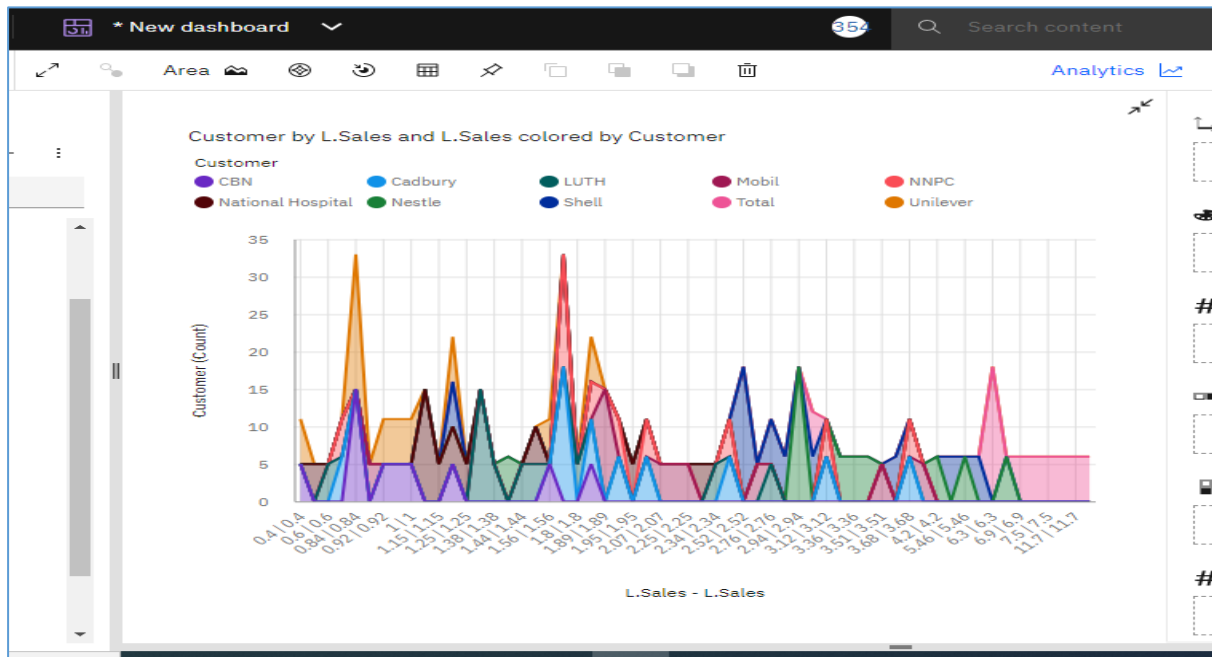
Row Id	Month	Customer	Period	Product	Location	Sales
1	March	Mobil	Q1	Afinitor Tab	Port Harcourt	A. Ct
2	March	Mobil	Q1	Brinerdine SCT	Port Harcourt	A. Ct
3	March	Mobil	Q1	Coartem Tab	Port Harcourt	A. Ct
4	March	Mobil	Q1	Codiovan FCT	Port Harcourt	A. Ct
5	March	Mobil	Q1	Femara FCT	Port Harcourt	A. Ct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

Data Exploration:

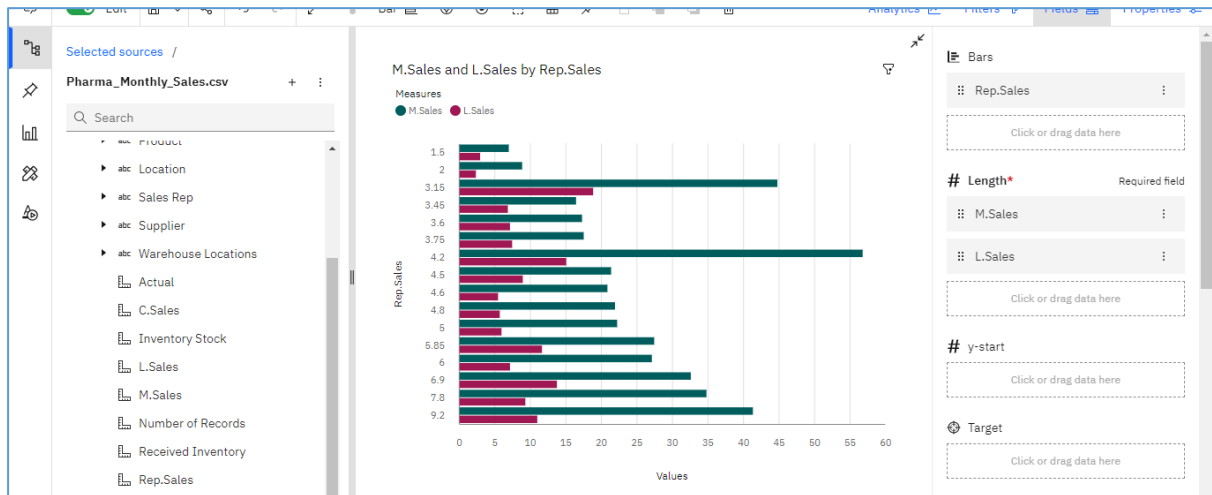
Sales by customer:



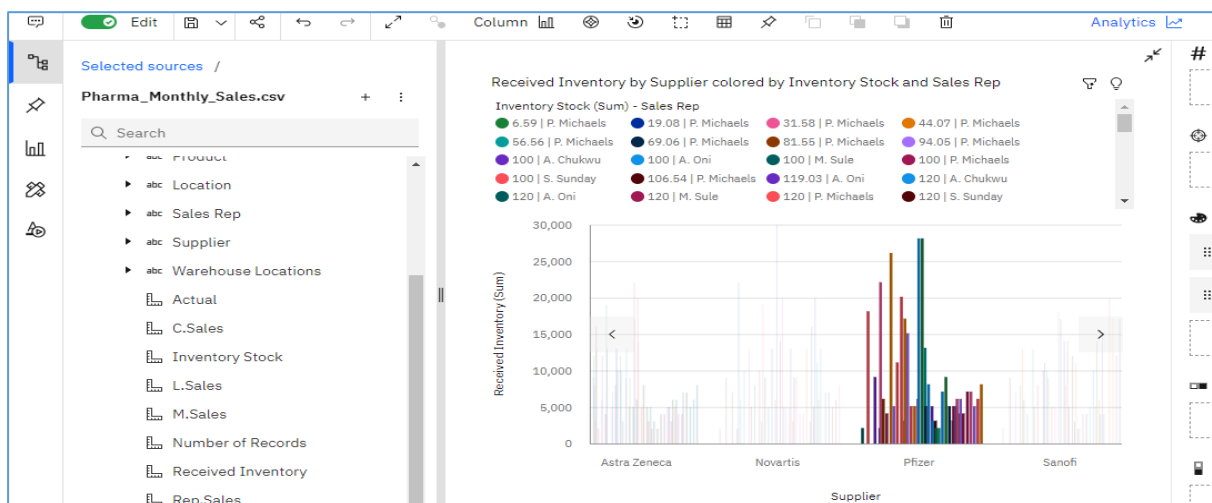
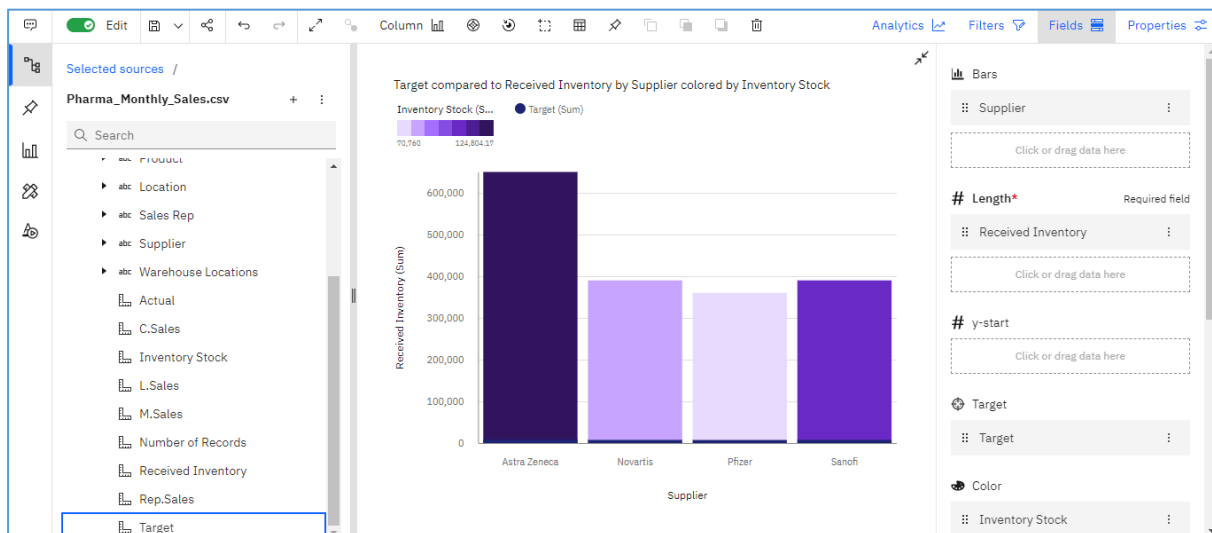
Sales by Location:



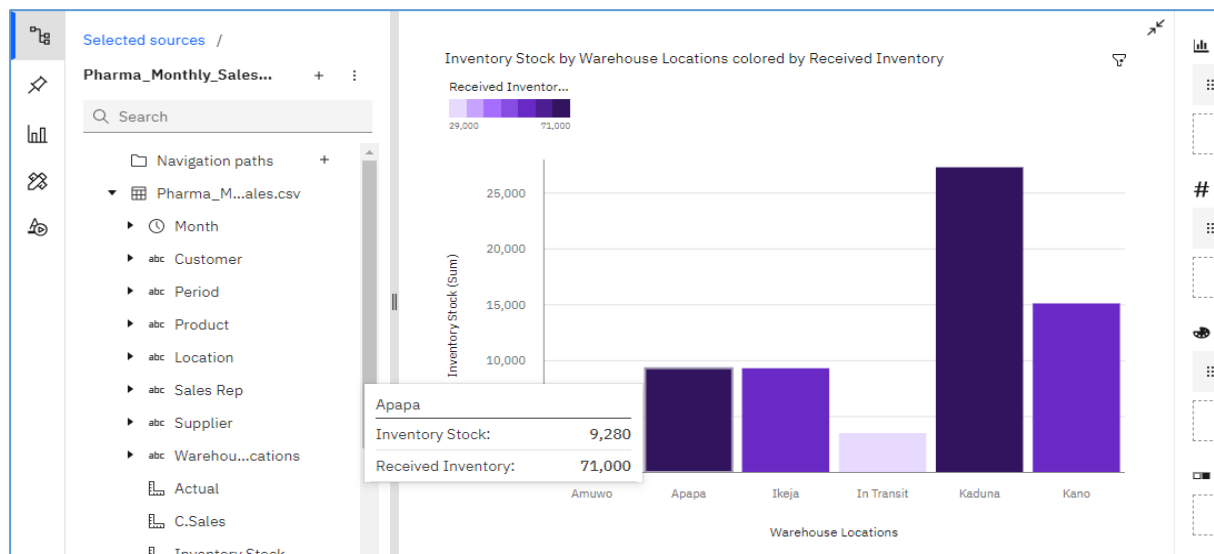
Sales by Sales Representative:



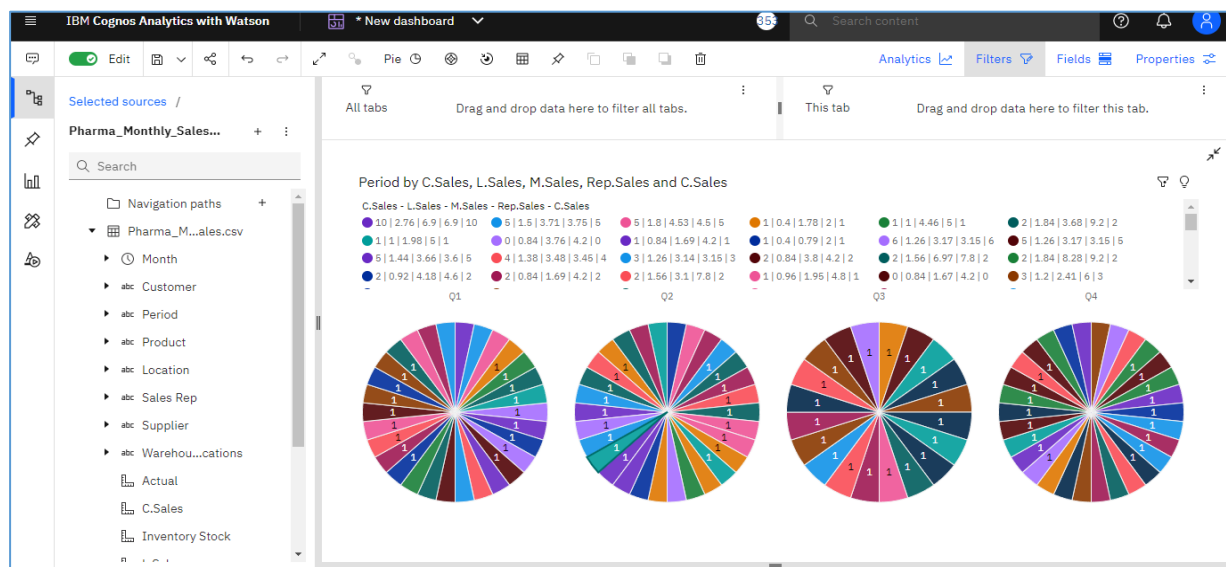
Received Inventory from Supplier:



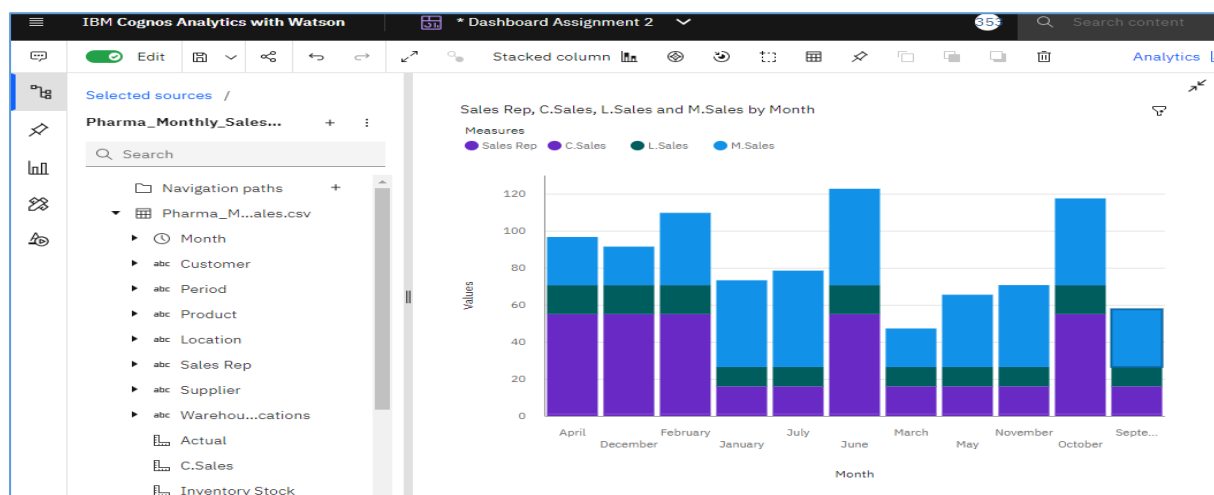
Inventory Stock for warehouse Location:



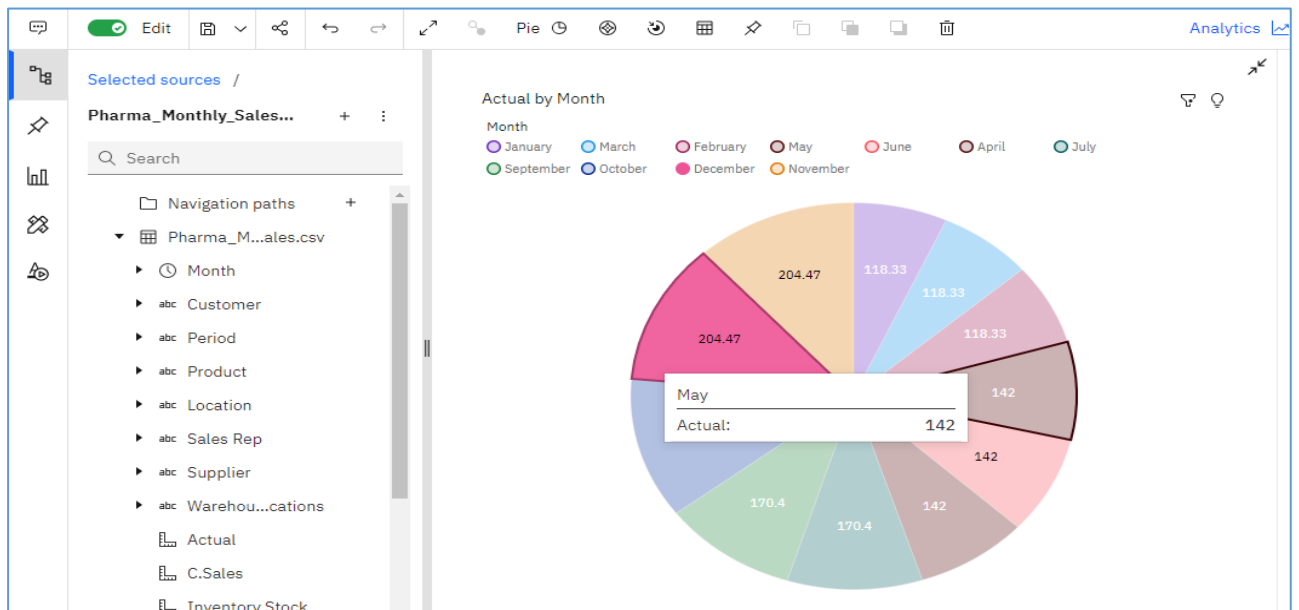
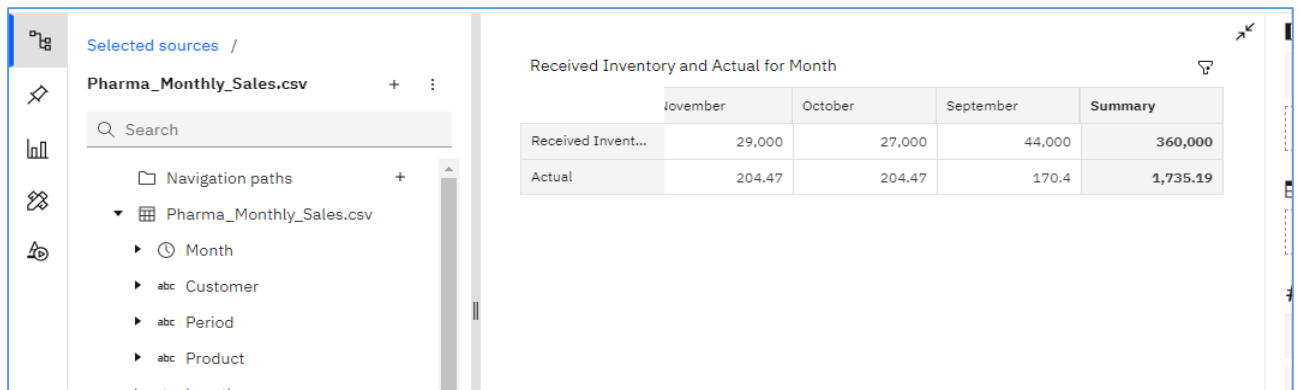
Sales Trend:



Sales by Month:



Actual and Received Inventory by Month:



Overall Dashboard:

