

VISUALIZING AND PREDICTING HEART DISEASE WITH AN INTERACTIVE DASHBOARD

ASSIGNMENT - 2

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DATASET USED : Pharma Monthly Sales

Before cleaning:

The screenshot displays the IBM Cognos Analytics web application. The browser address bar shows a URL from us1.ca.analytics.ibm.com. The interface includes a top navigation bar with 'IBM Cognos Analytics with Watson' and a search bar. On the left, a 'Data module' sidebar lists various fields: Row Id, Month, Customer, Period, Product, Location, Sales Rep, Supplier, Warehouse Locations, Actual, C.Sales, and Inventory Stock. The main area shows a table with the following columns: Sales Rep, Supplier, Warehouse Locations, Actual, C.Sales, Inventory Stock, and L.Sales. The table contains 12 rows of data, all with 'A. Chukwu' as the Sales Rep and 'Astra Zeneca' as the Supplier. The Warehouse Locations are mostly 'Amuwo', with the last row being 'Kano'. The 'Actual' values range from 4.5 to 20.9, 'C.Sales' from 0 to 3, and 'Inventory Stock' from 240 to 3500. The 'L.Sales' values range from 0.9 to 3.51.

Sales Rep	Supplier	Warehouse Locations	Actual	C.Sales	Inventory Stock	L.Sales
A. Chukwu	Astra Zeneca	Amuwo	9.6	2	1200	1.89
A. Chukwu	Astra Zeneca	Amuwo	9.6	0	480	1.89
A. Chukwu	Astra Zeneca	Amuwo	17.6	3	1320	3.51
A. Chukwu	Astra Zeneca	Amuwo	20.9	3	960	4.14
A. Chukwu	Astra Zeneca	Amuwo	4.5	0	600	0.9
A. Chukwu	Astra Zeneca	Amuwo	11.1	2	240	2.16
A. Chukwu	Astra Zeneca	Amuwo	10.56	3	240	2.07
A. Chukwu	Astra Zeneca	Amuwo	11.25	1	480	2.25
A. Chukwu	Astra Zeneca	Amuwo	9.5	2	840	1.89
A. Chukwu	Astra Zeneca	Amuwo	13.72	3	600	2.7
A. Chukwu	Astra Zeneca	Kano	9.6	2	3500	1.89

Clean - C.Sales

NULL values

- ☒ Replace this value with NULL 0
- ☒ Replace NULL values with 2

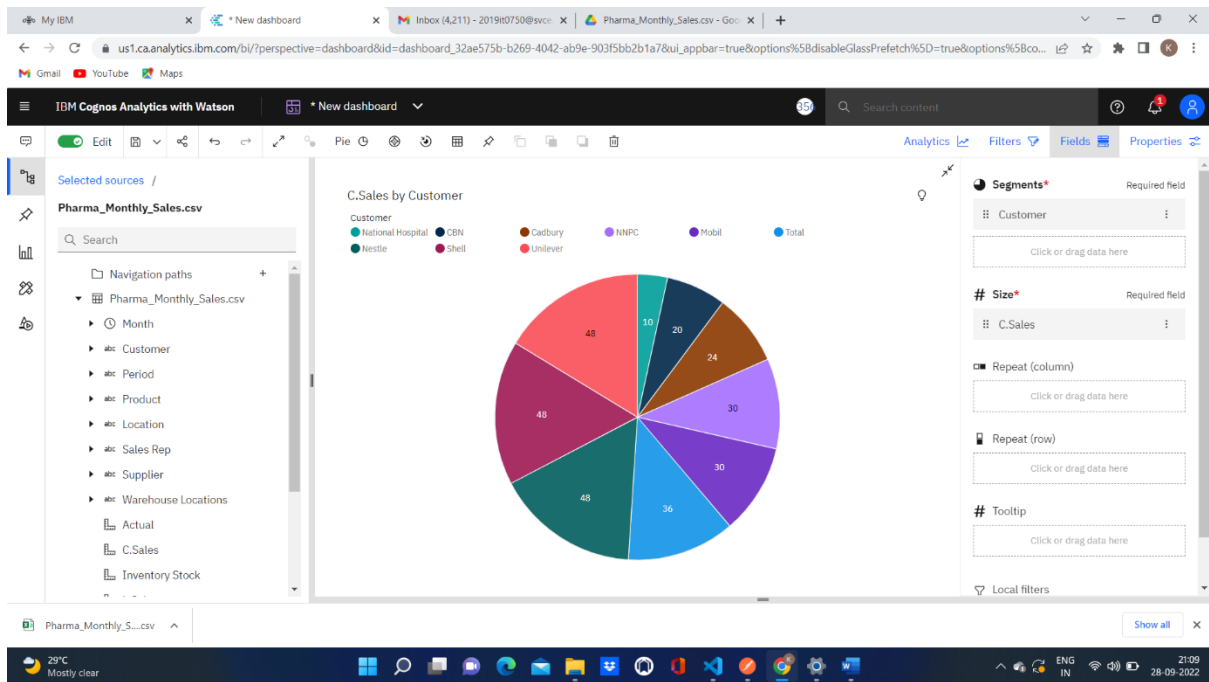
Buttons: Cancel, Clean

Sales Rep	Supplier	Warehouse Locations	Actual	C.Sales	Inventory Stock	L.Sales
A. Chukwu				2	1200	1.89
A. Chukwu				0	480	1.89
A. Chukwu				3	1320	3.51
A. Chukwu				3	960	4.14
A. Chukwu				0	600	0.9
A. Chukwu				2	240	2.16
A. Chukwu				3	240	2.07
A. Chukwu				1	480	2.25
A. Chukwu	Astra Zeneca	Amuwo	9.5	2	840	1.89
A. Chukwu	Astra Zeneca	Amuwo	13.72	3	600	2.7
A. Chukwu	Astra Zeneca	Kano	9.6	2	3500	1.89

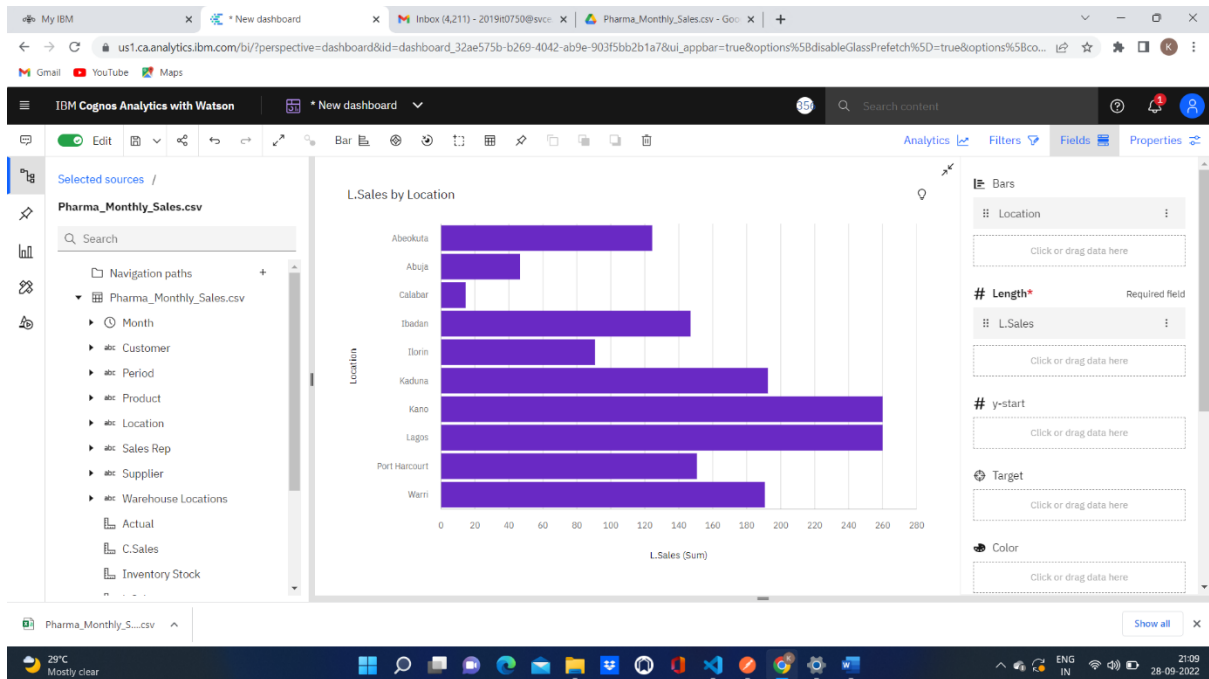
After Cleaning:

Location	Sales Rep	Supplier	Warehouse Locations	Actual	C.Sales
'ab	Port Harcourt	A. Chukwu	Astra Zeneca	Amuwo	9.6
ie SCT	Port Harcourt	A. Chukwu	Astra Zeneca	Amuwo	9.6
Tab	Port Harcourt	A. Chukwu	Astra Zeneca	Amuwo	17.6
1 FCT	Port Harcourt	A. Chukwu	Astra Zeneca	Amuwo	20.9
CT	Port Harcourt	A. Chukwu	Astra Zeneca	Amuwo	4.5
et FCT	Port Harcourt	A. Chukwu	Astra Zeneca	Amuwo	11.1
GC	Port Harcourt	A. Chukwu	Astra Zeneca	Amuwo	10.56
ib	Port Harcourt	A. Chukwu	Astra Zeneca	Amuwo	11.25
Tab	Port Harcourt	A. Chukwu	Astra Zeneca	Amuwo	9.5
3RO FCT	Port Harcourt	A. Chukwu	Astra Zeneca	Amuwo	13.72
'ab	Abeokuta	A. Chukwu	Astra Zeneca	Kano	9.6

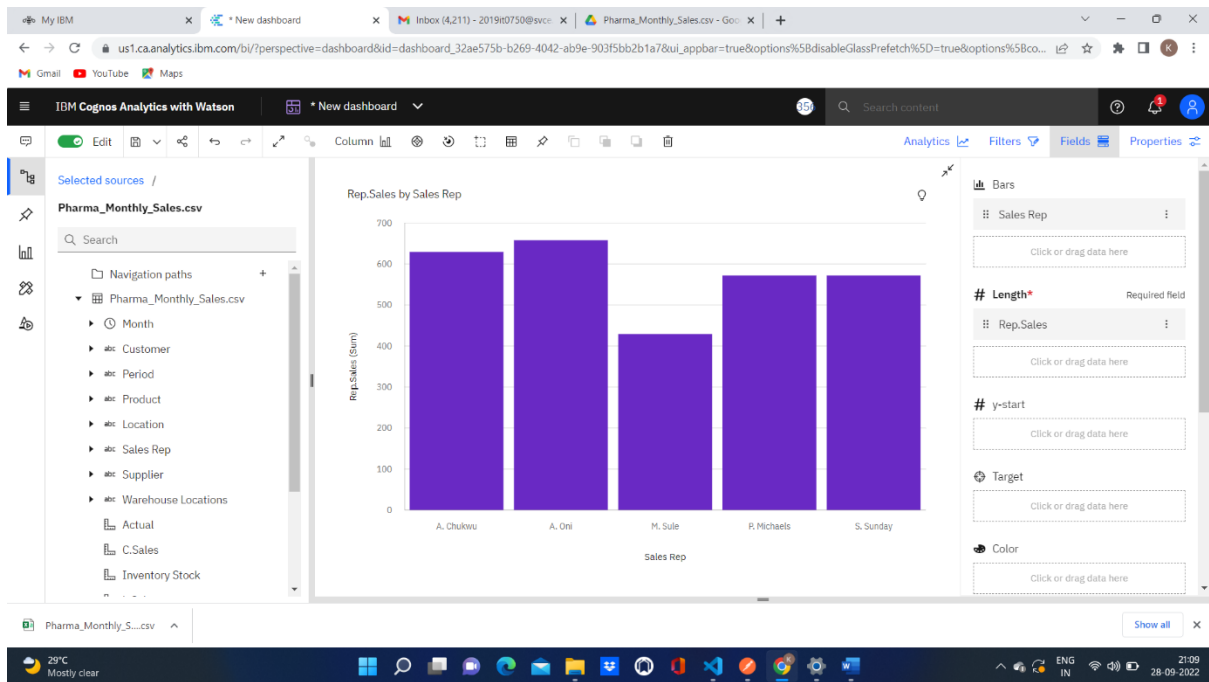
Task 1: Sales By Customer.



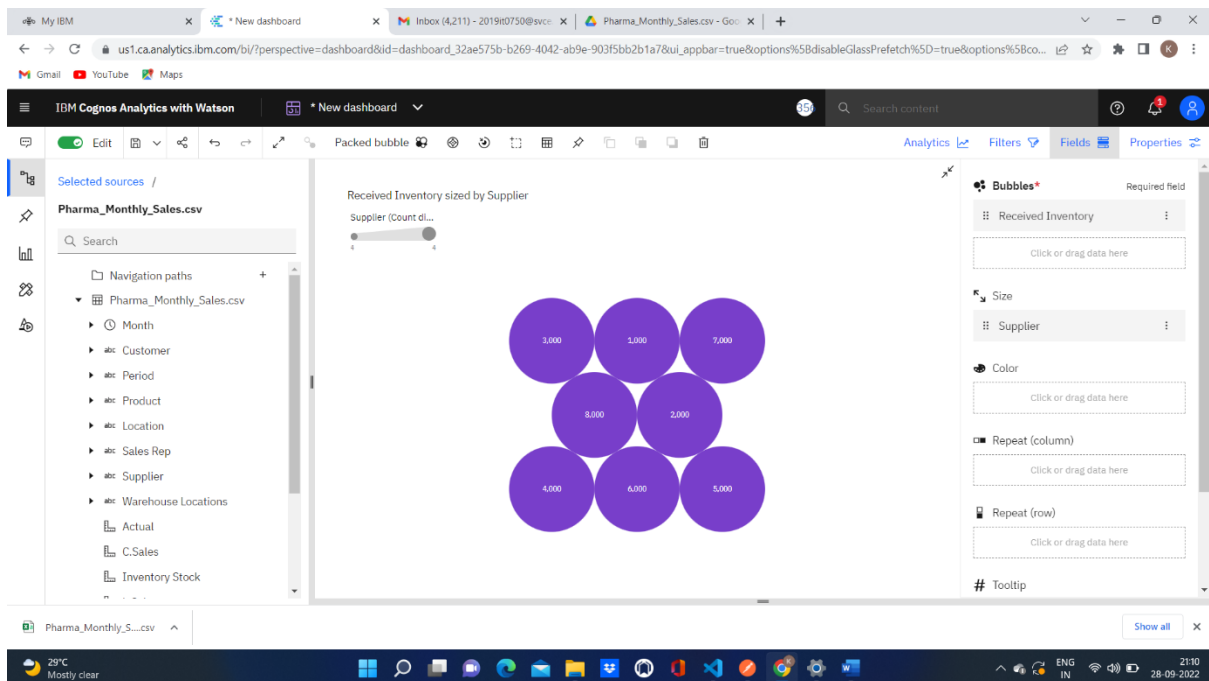
Task 2: Sales By Location.



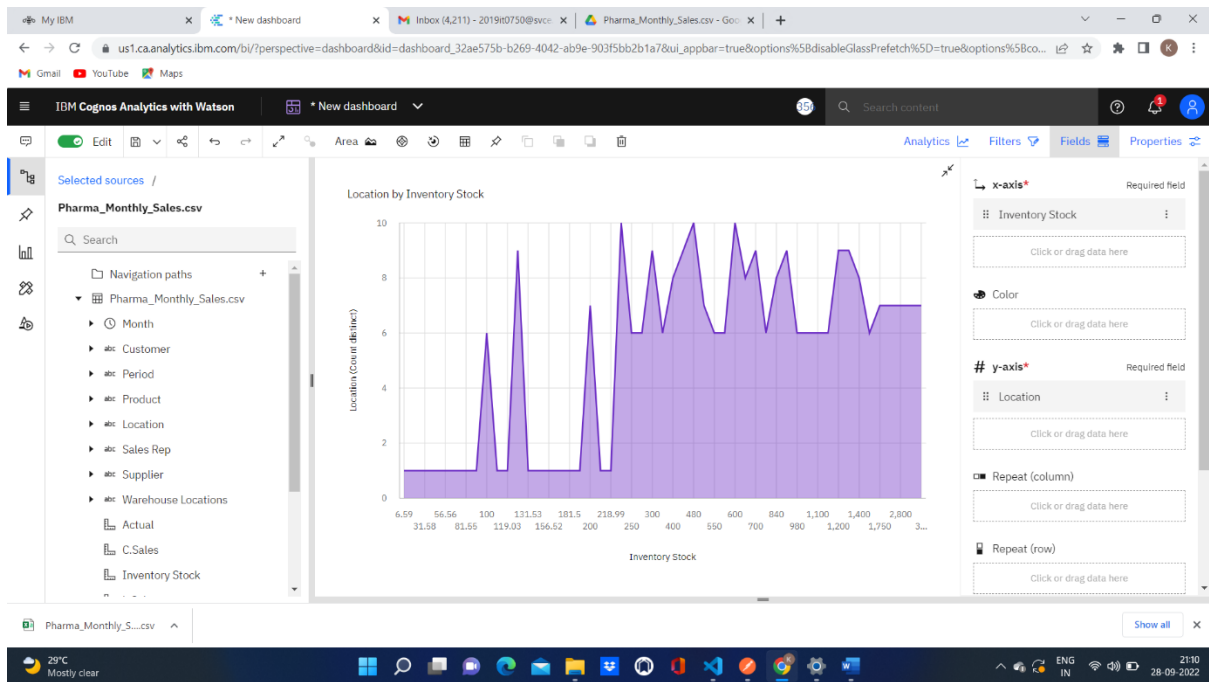
Task 3: Sales By Sales Representative.



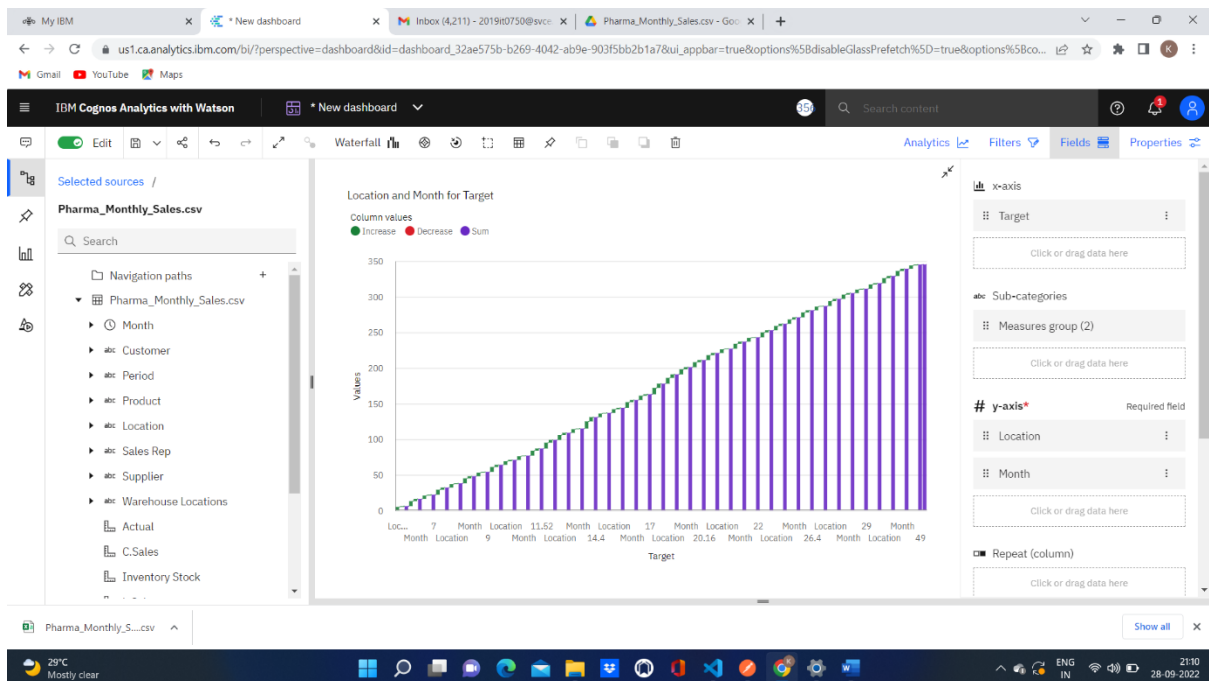
Task 4: Received Inventory From Supplier



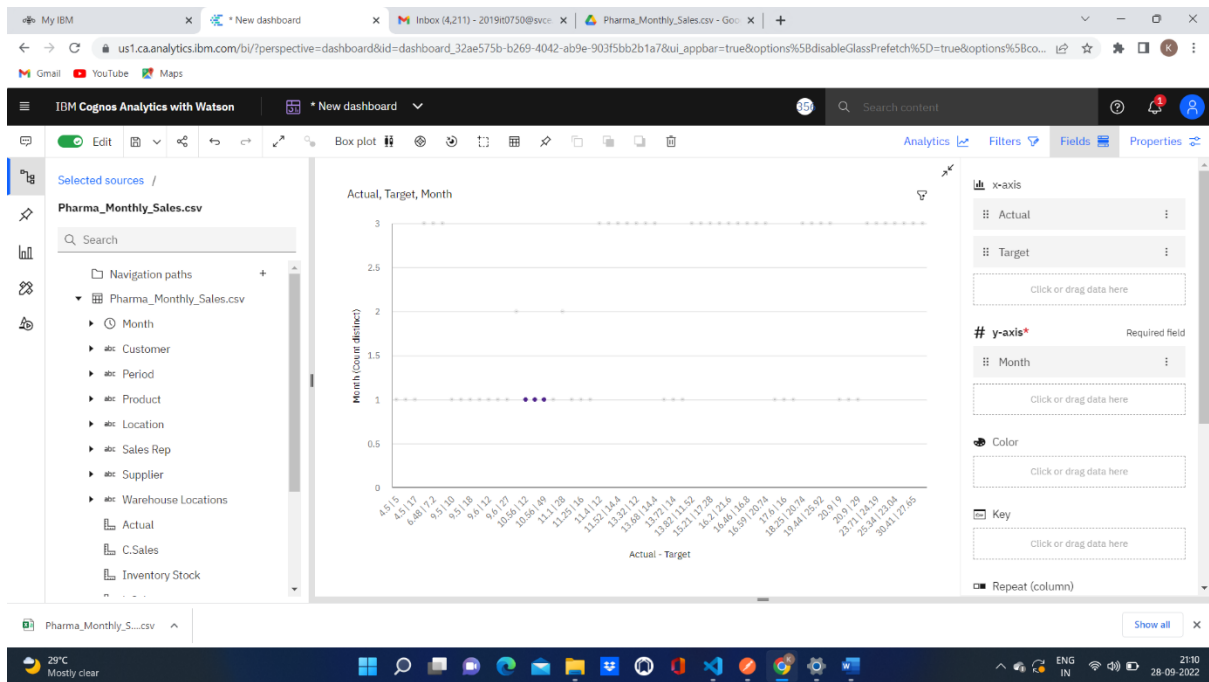
Task 5: Inventory Stock for Warehouse Locations



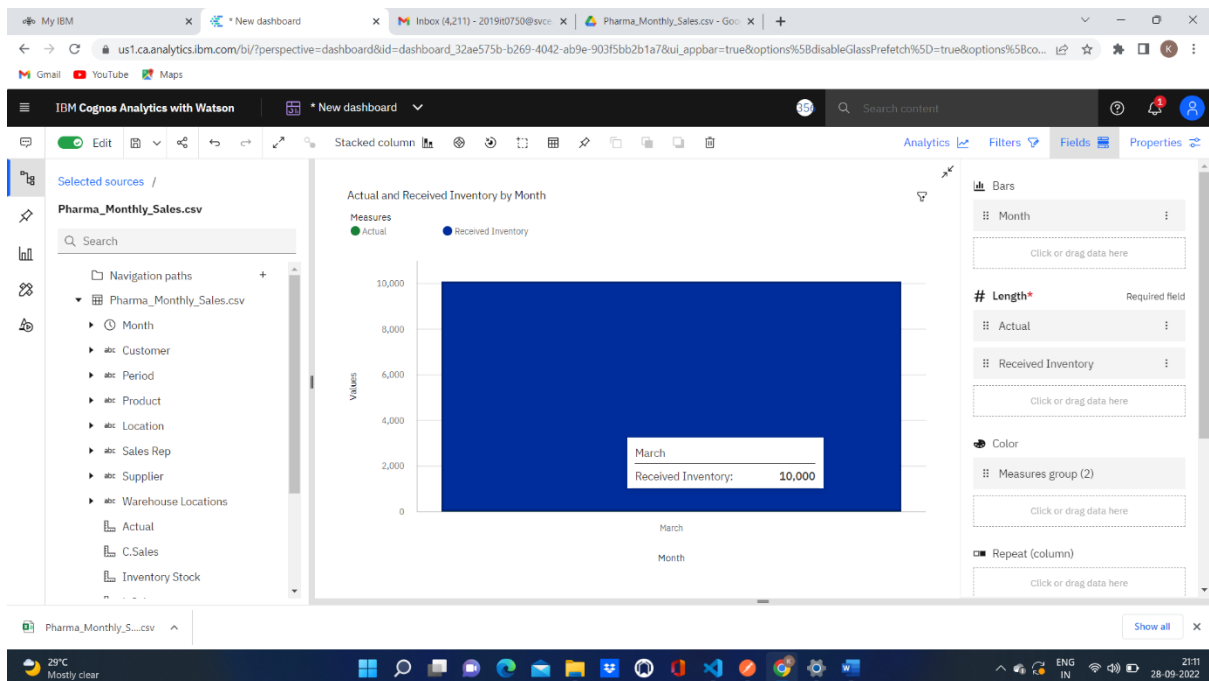
Task 6: Sales Trend



Task 7: Monthly Sales

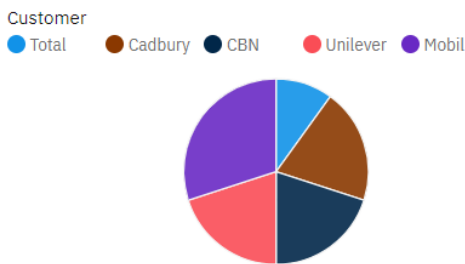


Task 8: Actual and Received Inventory by Month

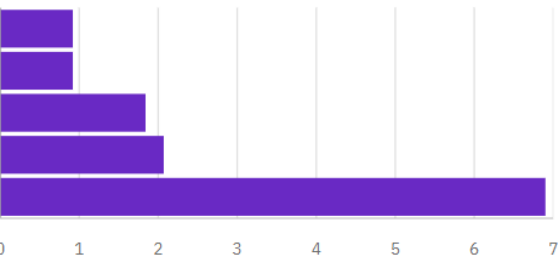


Dashboard

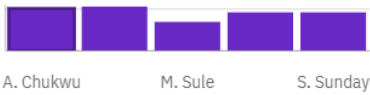
C.Sales by Customer



L.Sales by Location



Rep.Sales by Sales Rep



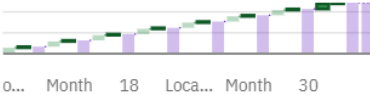
Received Inventory sized by Supplier



Location by Inventory Stock



Location and Month for Target



Actual, Target, Month



Actual and Received Inventory by Month

