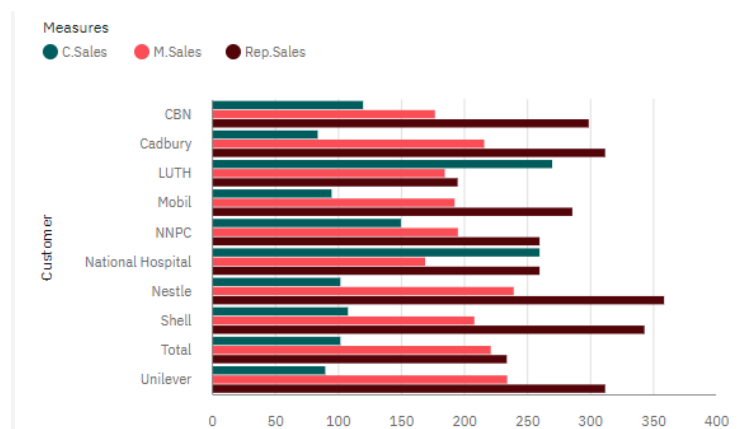# Assignment 2

| Date	15 September 2022
Student name	Jayadharshini . J
Team Id	PNT2022TMID36465
Project name	Traffic and capacity analytics for major ports
Maximam marks	2 marks

Challenge:

Upload the dataset to Cognos Analytics, prepare the data, explore and Create Interactive dashboard.
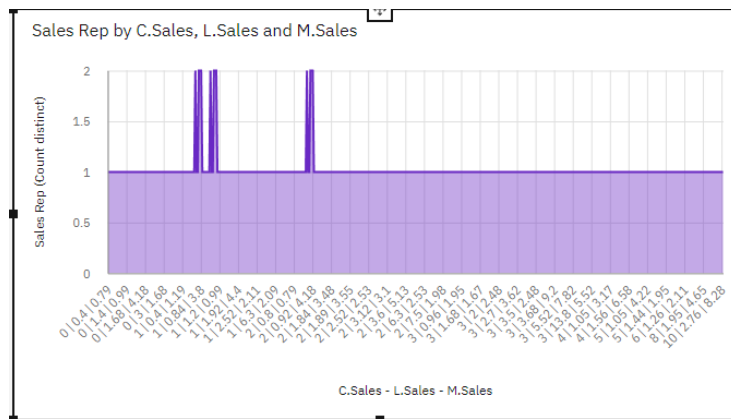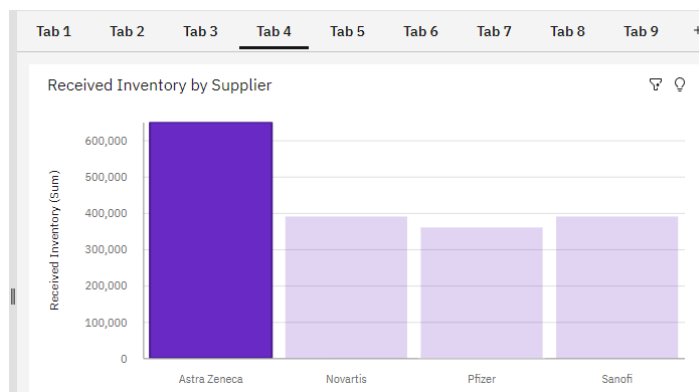
Data exploration :

Task 1: sales by customer.

Task 2: sales by location.
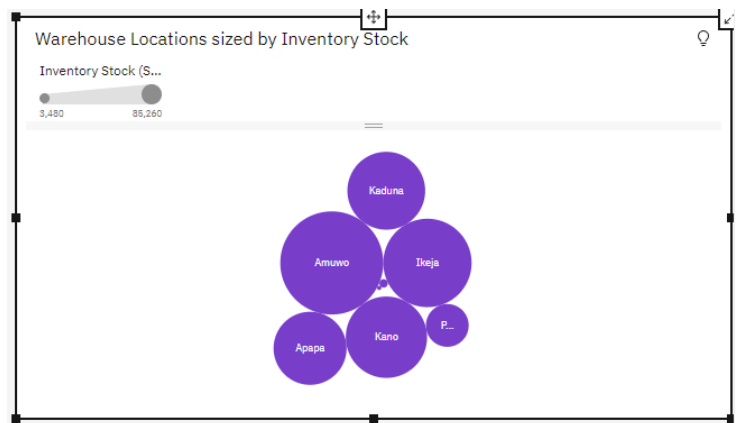

Task 3: sales by repsentative.

Sales Rep by C.Sales, L.Sales and M.Sales
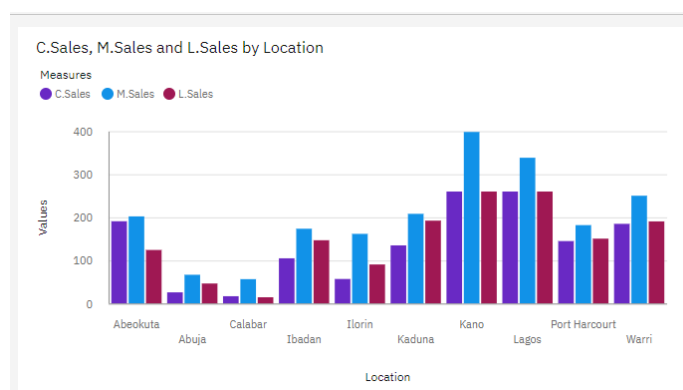
Task 4: Received inventory from supplier .

Received Inventory by Supplier

Task 5: inventory stock foe warehouse locations.

Warehouse Locations sized by Inventory Stock
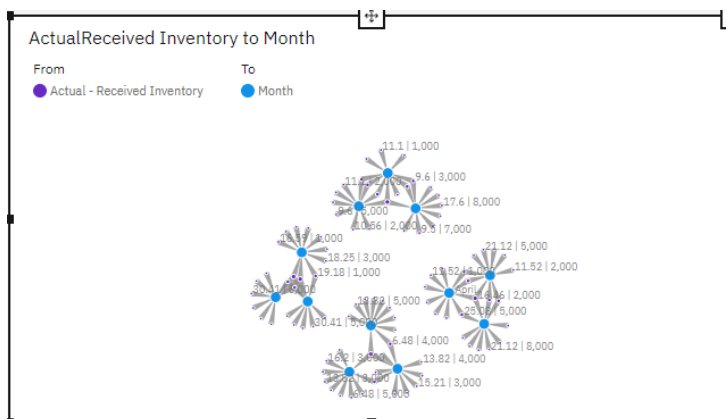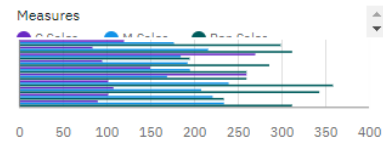
Task 6: sales trend.
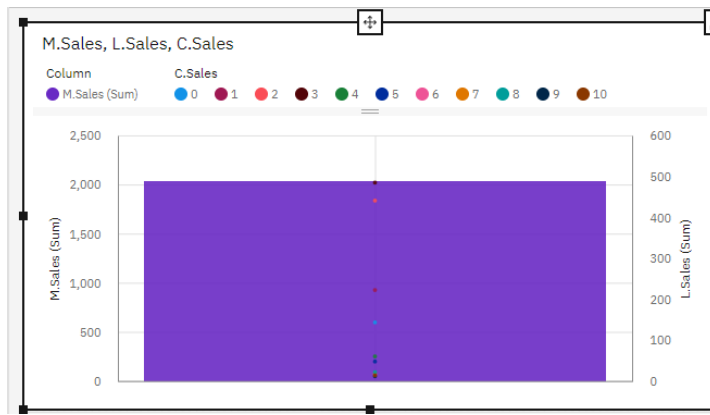
Task 7: monthly sales.
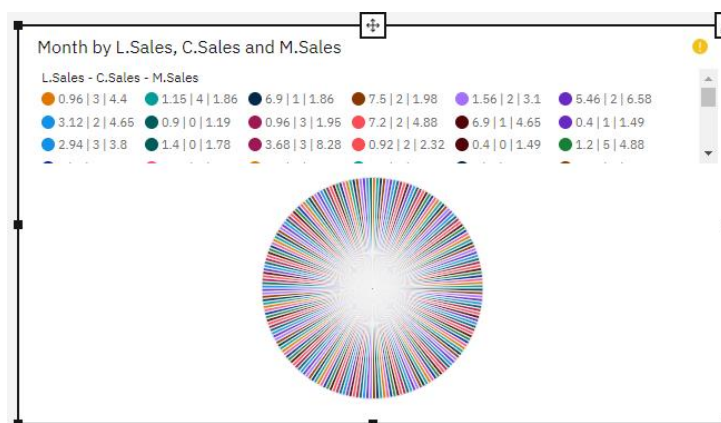
Task 8: Actual and received inventory by month.

Finally creating a overall dashboard:
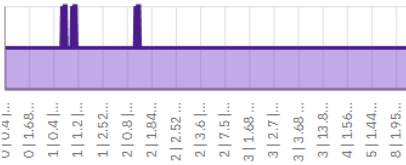
C.Sales, M.Sales and Rep.Sales by Customer

Measures
C.Sales   M.Sales   Rep.Sales

0   50   100   150   200   250   300   350   400

C.Sales, M.Sales and L.Sales by Location
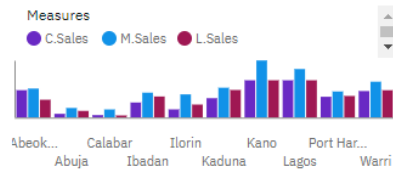
Measures
C.Sales   M.Sales   L.Sales

Abeok...   Calabar   Ilorin   Kano   Port Har...
Abuja   Ibadan   Kaduna   Lagos   Warri

Sales Rep by C.Sales, L.Sales and M.Sales

0 | 0.4 |...   0 | 1.68...   1 | 0.4 |...   1 | 1.2 |...   1 | 2.52...   2 | 0.8 |...   2 | 1.84...   2 | 2.52...   2 | 3.6 |...   2 | 7.5 |...   3 | 1.68...   3 | 2.7 |...   3 | 3.68...   3 | 13.8...   4 | 1.56...   5 | 1.44...   8 | 1.95...

Received Inventory by Supplier

Astra Zeneca   Novartis   Pfizer   Sanofi

Warehouse Locations sized by Inventory Stock

Inventory Stock (S...

M.Sales, L.Sales, C.Sales

Column   C.Sales
M.Sales (Sum)   0   1   2   3
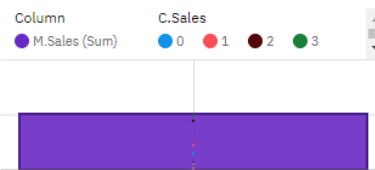
Month by L.Sales, C.Sales and M.Sales

L.Sales - C.Sales - M.Sales
0.96 | 3 | 4.4   1.15 | 4 | 1.86   6.9 | 1 | 1.86
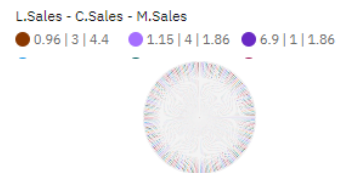
ActualReceived Inventory to Month