Assignment 2

Estimate the crop yield using data analytics

Date	27Sep2022
Student Name	Logeshwaran S
Student Roll Number	711619104024
Maximum Marks	2 Marks

Problem :

Pharma Sales Dashboard

Dataset :   **Pharma-Sales-Dataset**

Challenge :

Upload the dataset to Cognos Analytics, prepare the data, explore and Create Interactive
Dashboard.

Task 1: Sales By Customer.
Task 2: Sales By Location.
Task 3: Sales By Sales Representative.
Task 4: Received Inventory From Supplier
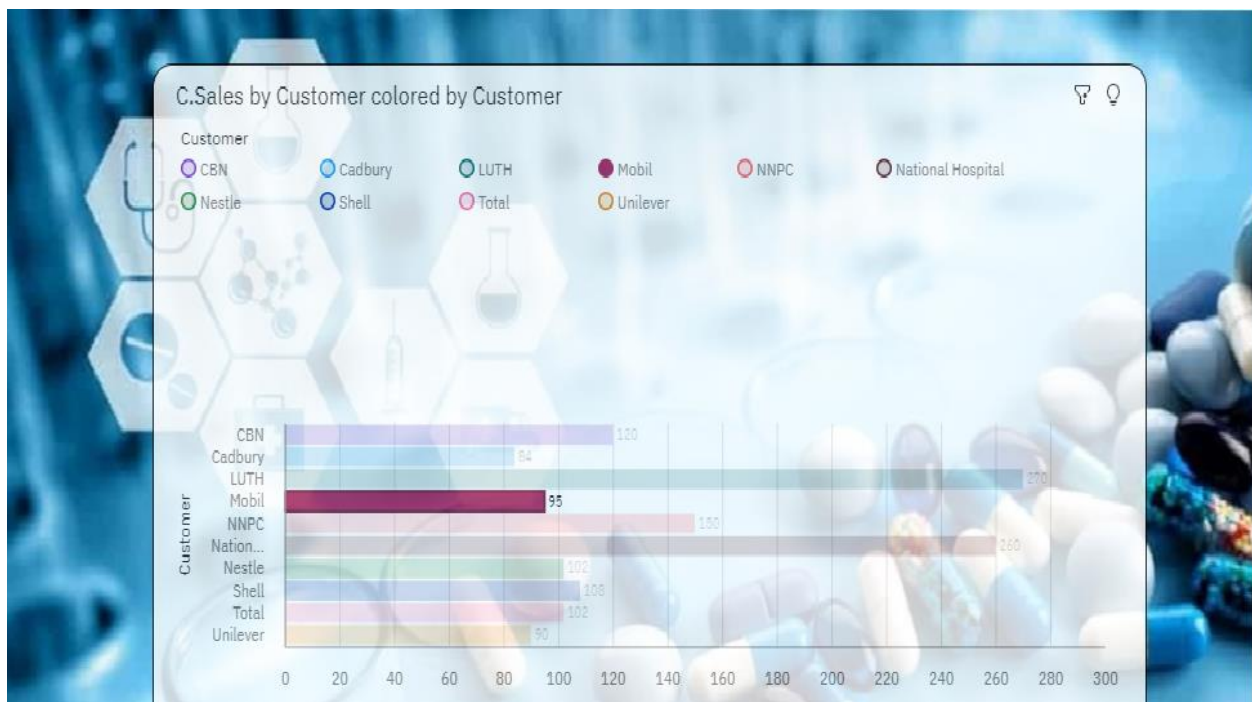Task 5: Inventory Stock for Warehouse Locations
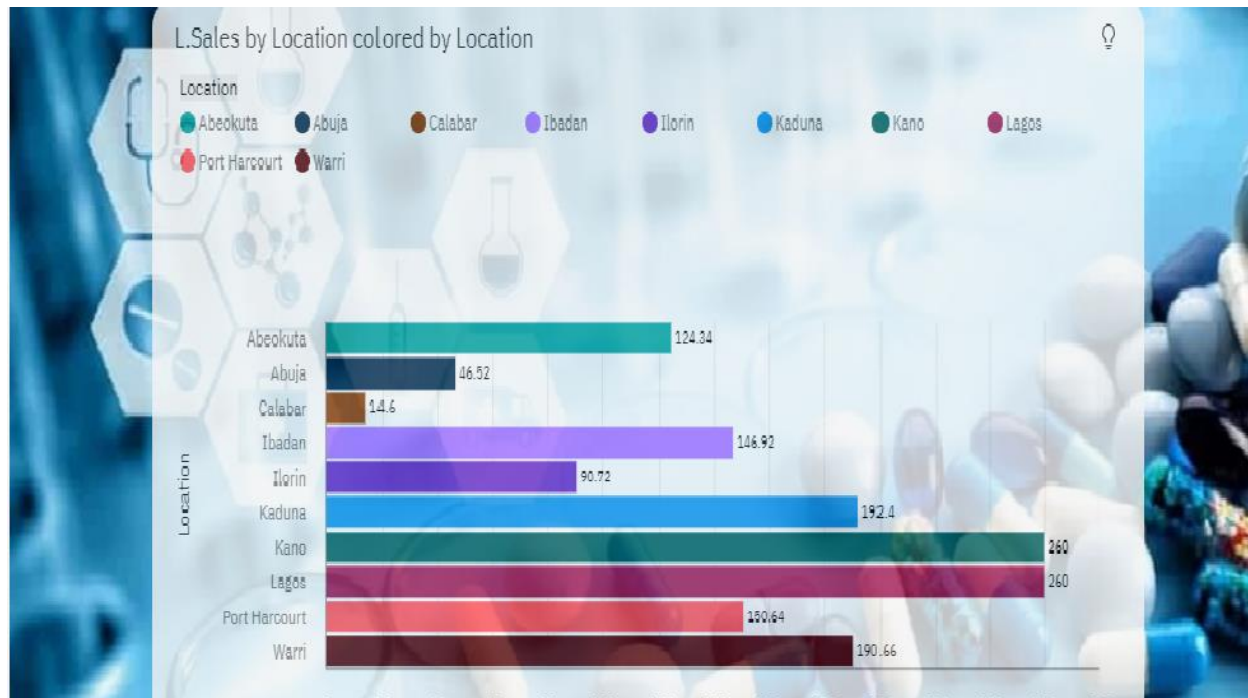Task 6: Sales Trend
Task 7: Monthly Sales
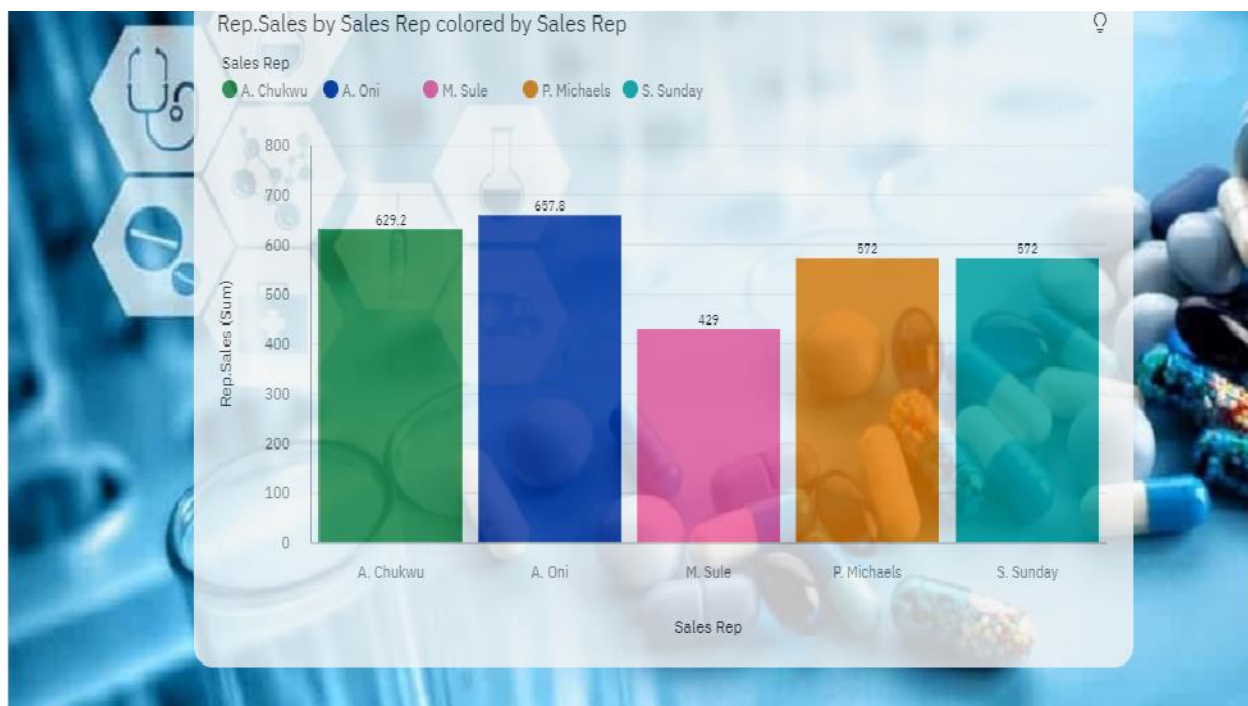Task 8: Actual and Received Inventory by Month
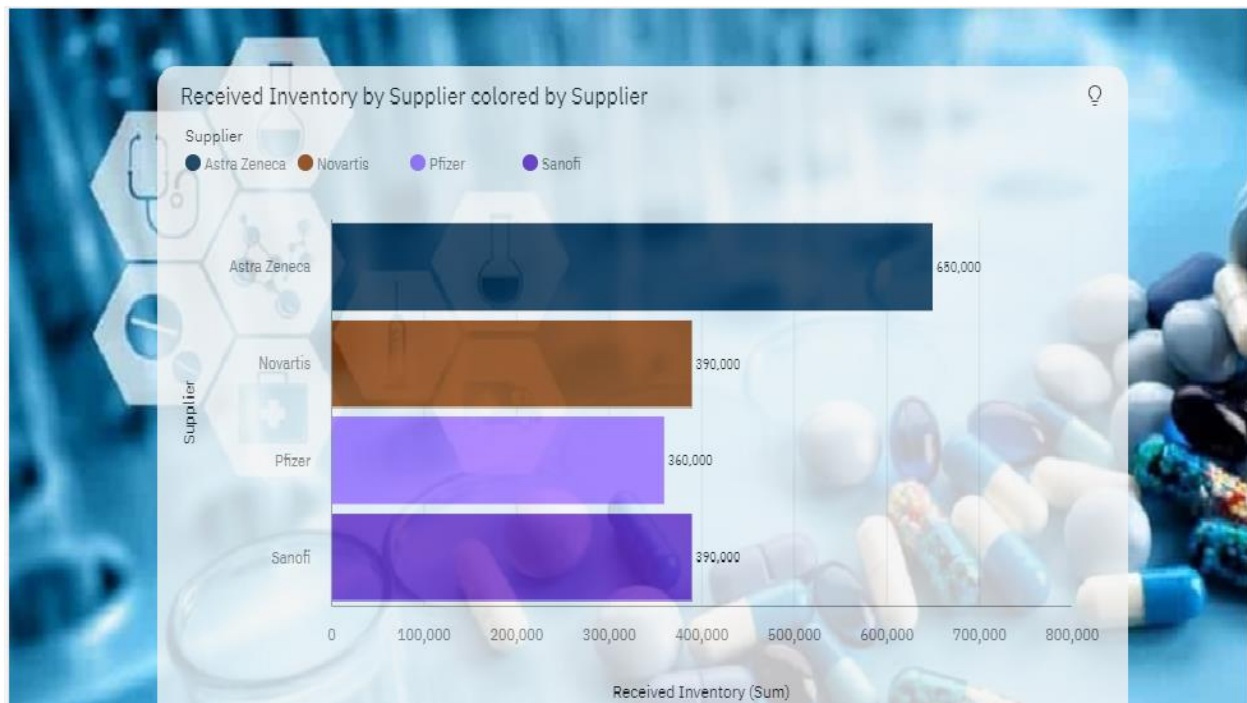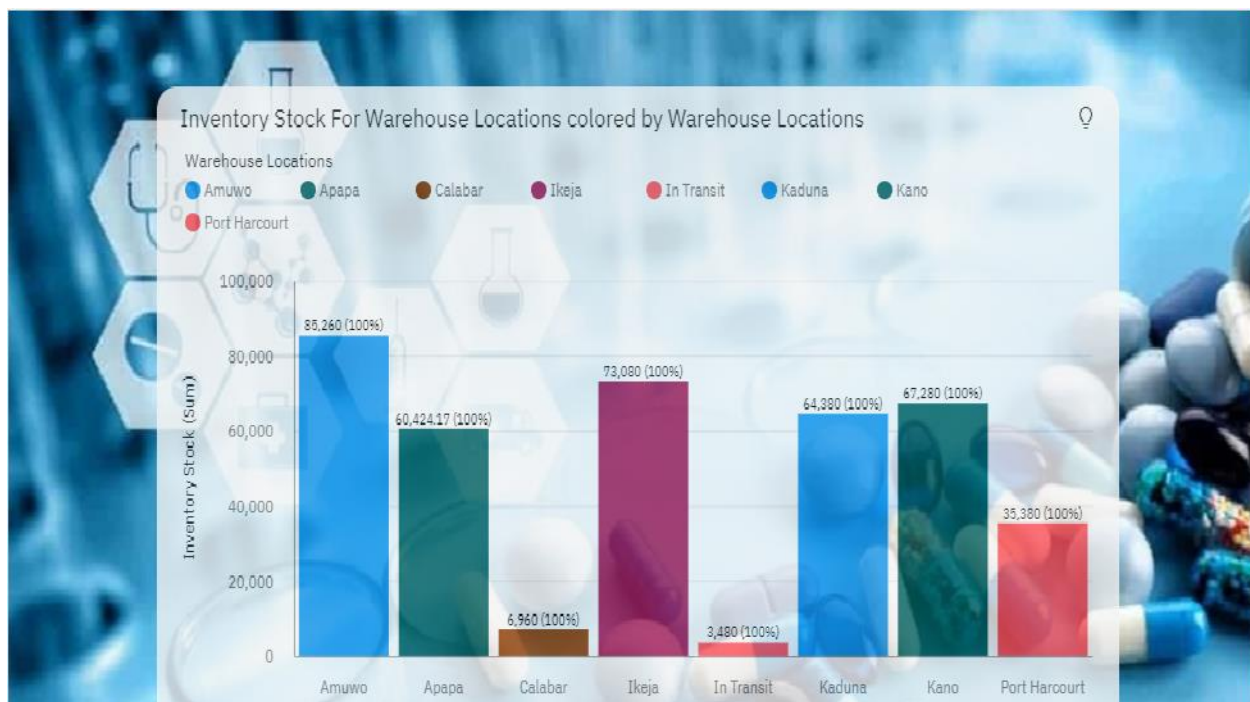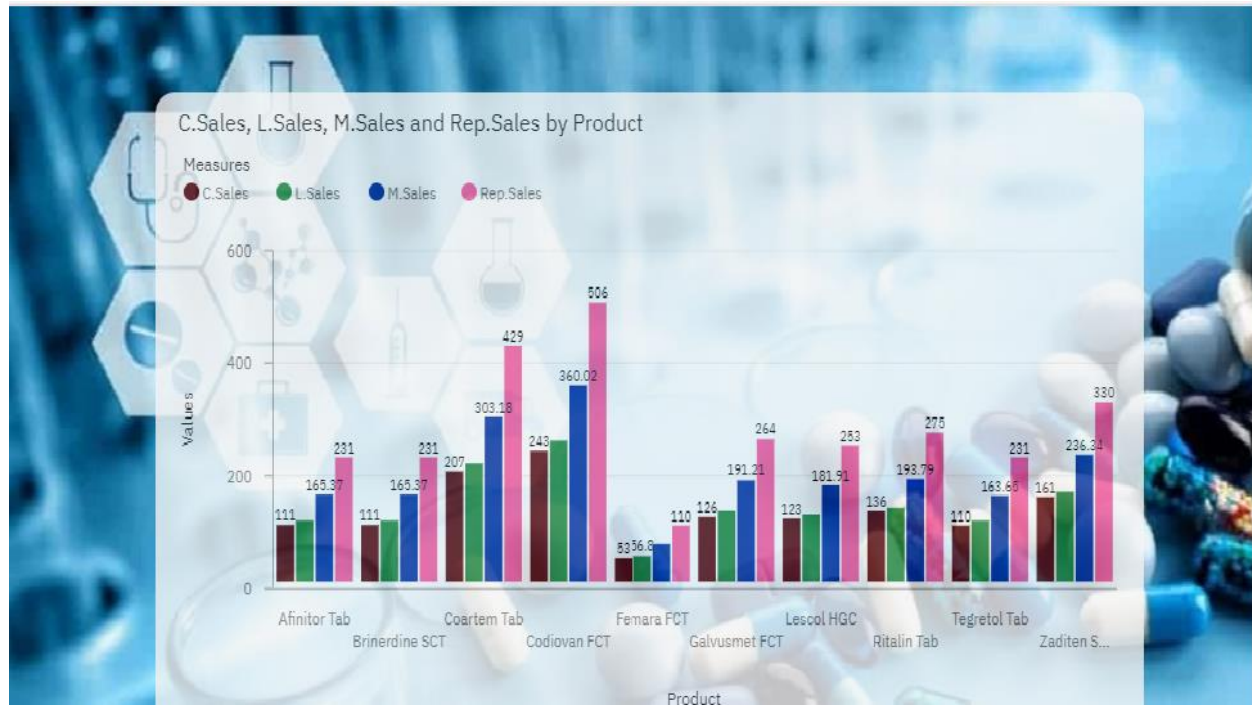
Task 1: Sales By Customer

Task 2: Sales By Location

L.Sales by Location colored by Location

Location
● Abeokuta ● Abuja ● Calabar ● Ibadan ● Ilorin ● Kaduna ● Kano ● Lagos
● Port Harcourt ● Warri

Location	Value
Abeokuta	124.34
Abuja	46.52
Calabar	14.6
Ibadan	146.92
Ilorin	90.72
Kaduna	192.4
Kano	260
Lagos	260
Port Harcourt	150.64
Warri	190.66

Task 3: Sales By Sales Representative

Rep.Sales by Sales Rep colored by Sales Rep

Sales Rep
● A. Chukwu ● A. Oni ● M. Sule ● P. Michaels ● S. Sunday

Sales Rep	Rep.Sales (Sum)
A. Chukwu	629.2
A. Oni	657.8
M. Sule	429
P. Michaels	572
S. Sunday	572

Task 4: Received Inventory From Supplier

Received Inventory by Supplier colored by Supplier

Supplier
● Astra Zeneca ● Novartis ● Pfizer ● Sanofi

Supplier	Received Inventory (Sum)
Astra Zeneca	650,000
Novartis	390,000
Pfizer	360,000
Sanofi	390,000

Task 5: Inventory Stock for Warehouse Locations

Inventory Stock For Warehouse Locations colored by Warehouse Locations

Warehouse Locations
● Amuwo ● Apapa ● Calabar ● Ikeja ● In Transit ● Kaduna ● Kano
● Port Harcourt

Warehouse Location	Inventory Stock (Sum)
Amuwo	85,260 (100%)
Apapa	60,424.17 (100%)
Calabar	6,960 (100%)
Ikeja	73,080 (100%)
In Transit	3,480 (100%)
Kaduna	64,380 (100%)
Kano	67,280 (100%)
Port Harcourt	35,380 (100%)

Task 6: Sales Trend

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

Task 7: Monthly Sales

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

Task 8: Actual and Received Inventory by Month