Assignment 2

Estimate the crop yield using data analytics

Date	27 September 2022
Student Name	Kali muthu S
Student Roll Number	711619104019
Maximum Marks	2 Marks

Problem:

Pharma Sales Dashboard

Dataset: **Pharma-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
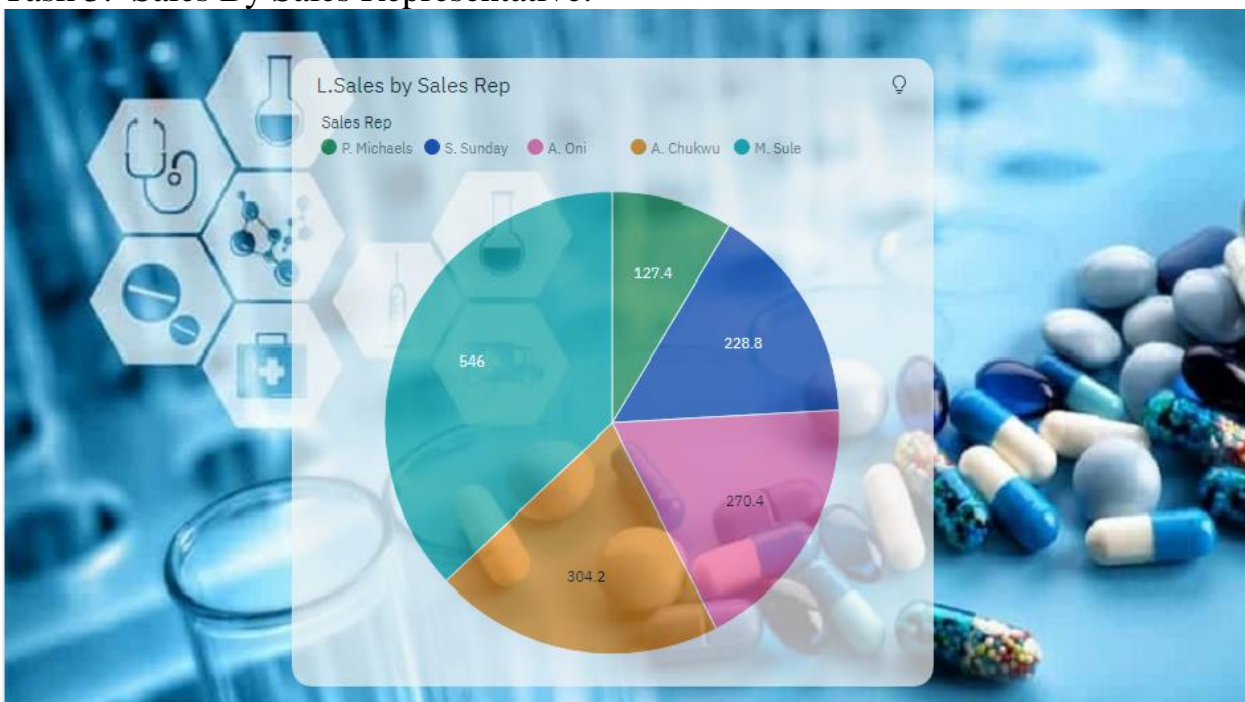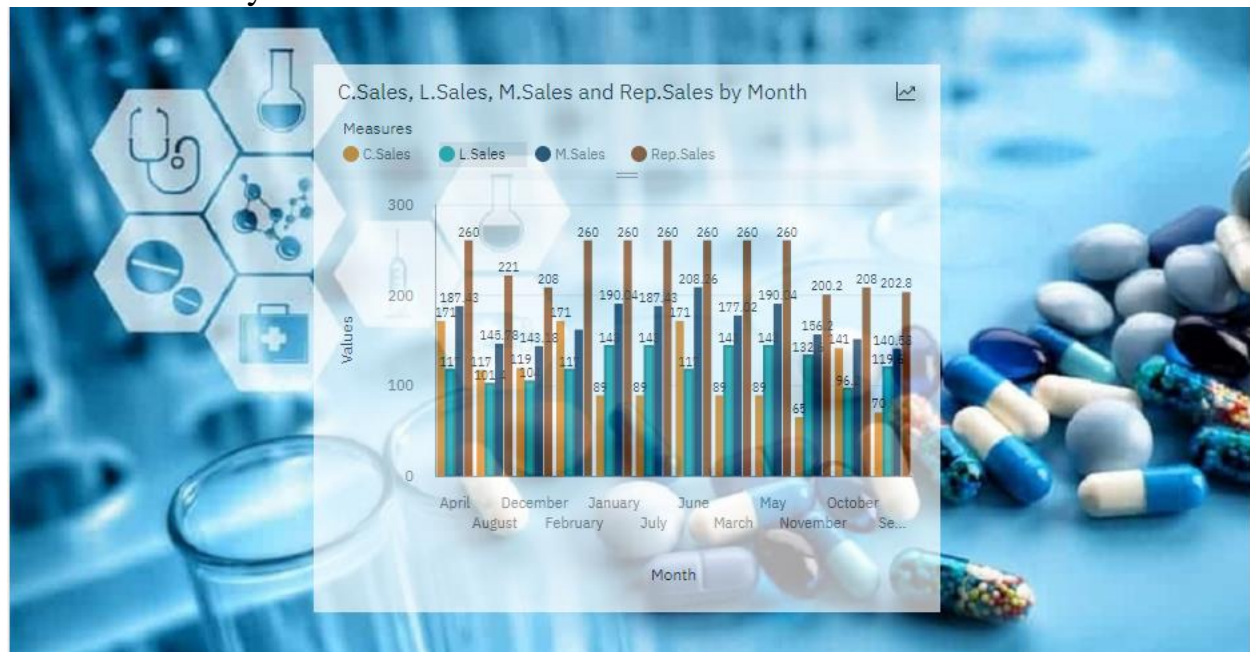Task 8: Actual and Received Inventory by Month

Pharma sales dashboard

Task 1: Sales By Customer.

Task 2: Sales By Location.

Task 3: Sales By Sales Representative.

Task 4: Received Inventory From Supplier

Received Inventory by Supplier colored by Supplier

Supplier
● Astra Zeneca   ● Novartis   ● Pfizer   ● Sanofi

Received Inventory (Sum)

800,000

650,000
600,000

400,000   390,000   360,000   390,000

200,000

0

Astra Zeneca   Novartis   Pfizer   Sanofi

Supplier

Task 5: Inventory Stock for Warehouse Locations

Inventory Stock by Warehouse Locations colored by Warehouse Locations

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

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

0   10,000   20,000   30,000   40,000   50,000   60,000   70,000   80,000   90,000

Inventory Stock (Sum)

Task 6: Sales Trend

Task 7: Monthly Sales

Task 8: Actual and Received Inventory by Month