

**Assignment -2**  
**ITERATIVE DASHBOARD USING COGNOS ANALYSIS**

Assignment Date	28 September 2022
Student Name	VIJAYSARATHI R
Student Roll Number	913319104049
Maximum Marks	2 Marks

**Question-1:**

**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**

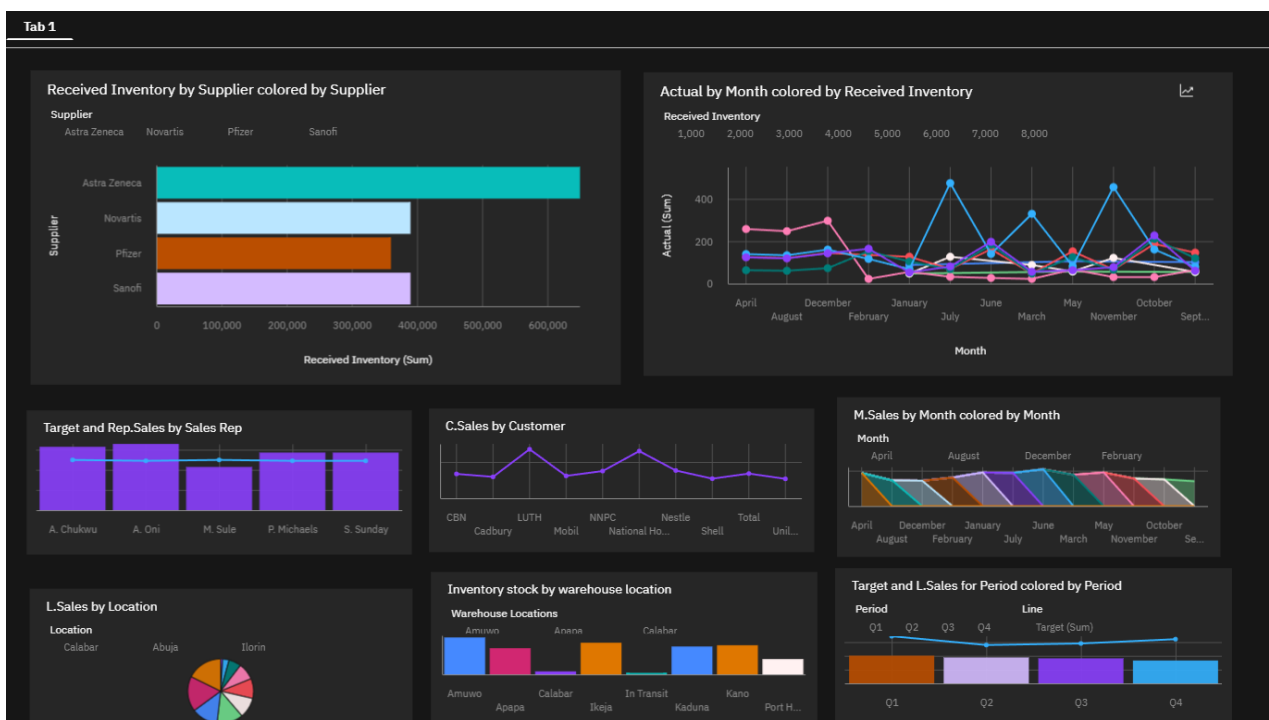
## Solution:

### Dashboard link

[https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my\\_folders%2FDashboard%2Bfiles%2FPharma%2Bsales%2Bdashboard&action=view&mode=dashboard&subView=model000001838498e547\\_00000000](https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2FDashboard%2Bfiles%2FPharma%2Bsales%2Bdashboard&action=view&mode=dashboard&subView=model000001838498e547_00000000)

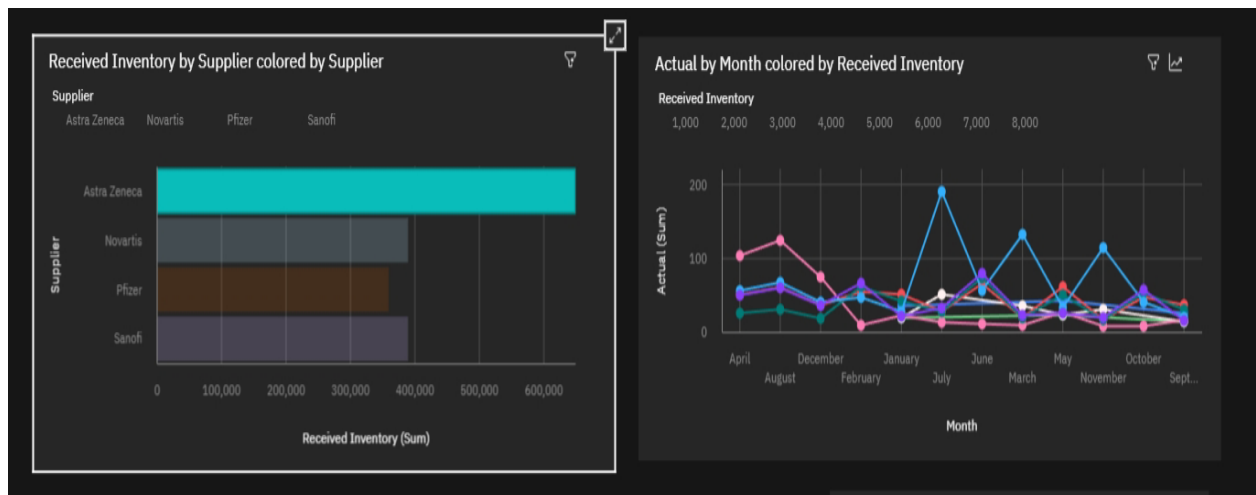
### Pharma Sales Dashboard:

*Interactive pharmaceutical sales dashboard from the given pharma sales dataset*



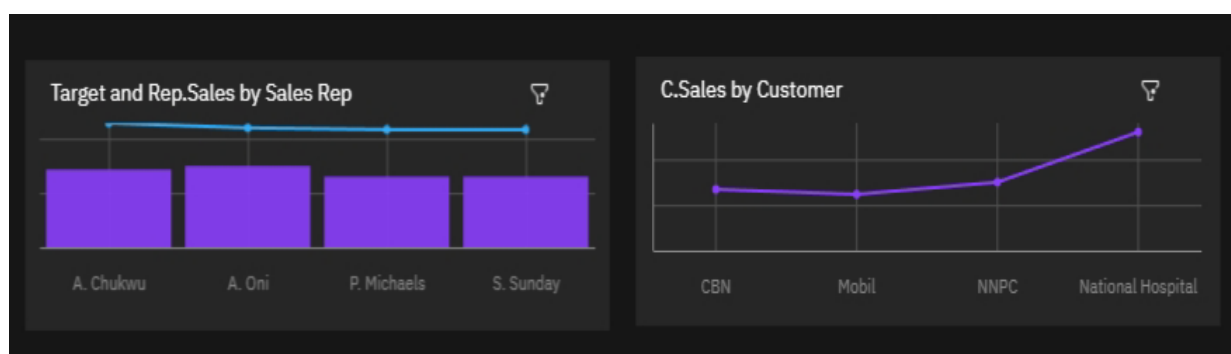
**Exploring the received inventory by the supplier in order to track the goods from when they arrive in the warehouse to when they are shipped to the customer.**

**Through analyzing the actual and received inventory by month, retailer can visualize the actual sales of the pharmaceutical product by monthwise**

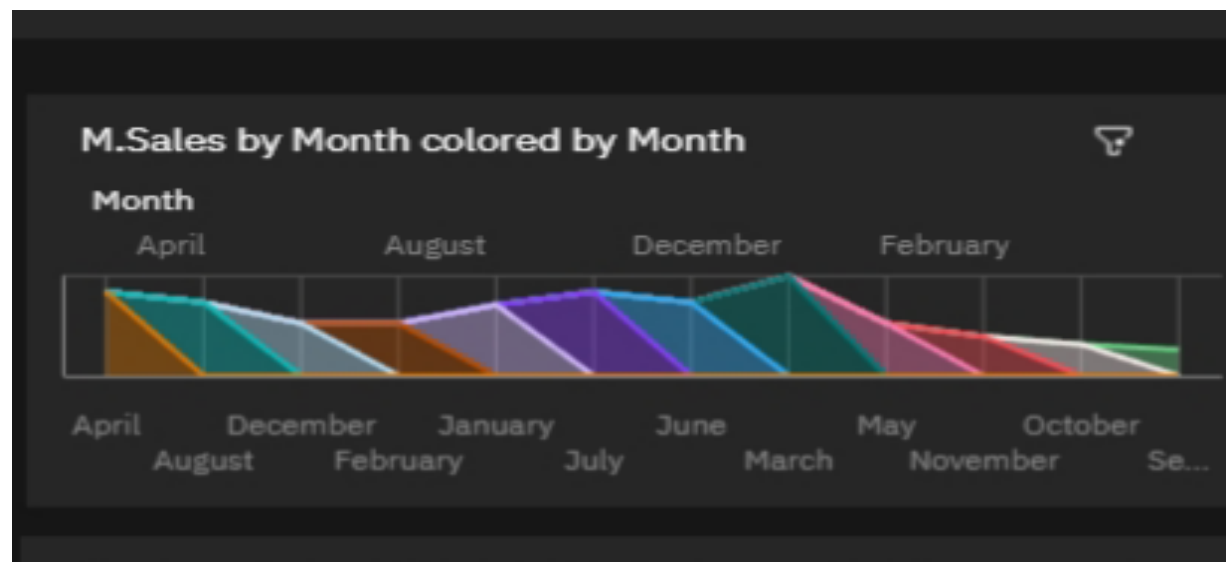


**Exploring the sales representative vs representative's sales data enables to track the sales level of pharmaceutical products over the target which can be achieved by the representatives**

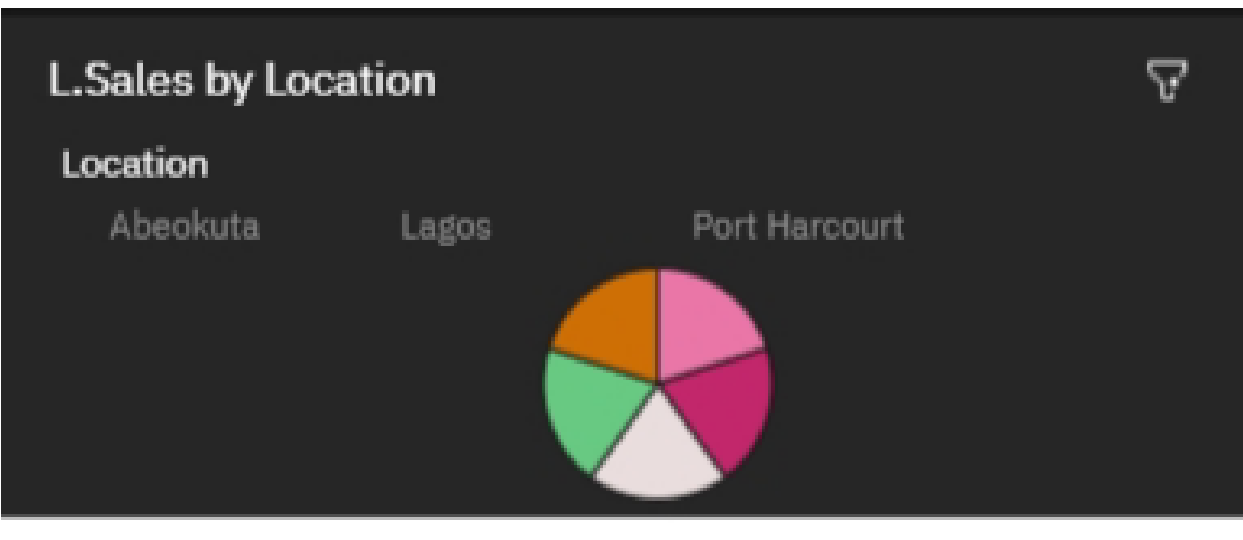
**Visualising the customer vs the customer sales data represents the hospitals and organizations contribution over the sales of the product**



Exploring the month vs monthly sales data from the given dataset generates the sales level of the product from January to December



The visualization of the location and the data of sales on various locations from the given dataset reports the location wise sales of the product in different regions inorder to hit the target level



*Through analyzing the inventory stock by warehouse location pays a way to refer the goods and materials that a business holds for the ultimate goal of resale from different warehouse locations*

