

## Assignment -2

### Pharma Sales Dashboard

Assignment Date	27 September 2022
Student Name	VIGNESH E
Student Roll Number	510119205018
Maximum Marks	2 Marks

**DESCRIPTION:** Sales of Pharmaceutical products, which may include medicines, surgical devices, consumables of any form, machines, and equipment used in surgeries are called Pharma Sales. The target audience is doctors of any kind, chemists, and/or purchase in charge in hospitals or pharmacies.

Pharmaceutical sale is very different from regular sales of any kind right from the product to the customer to the process of selling. Of all the sales, Pharmaceutical sales are considered to be one of the most lucrative and most challenging jobs requiring a lot of learning on the salesperson's part.

**DATA SET:** Pharma\_Monthly\_Sales.csv - Google Drive

#### About the Pharma Dataset:

Let's understand the features of the dataset:

1. Month- January -December Months Data.
2. Customer- Hospitals & Organizations.
3. Period- Q1-Q4 are the four quarters which show the sales record quarterly.
4. Product- Different Tablets for diseases
5. Location-Sales in different regions,
6. Sales Rep- Sales Representative who sells pharma products.
7. Supplier-Pharmaceuticals companies are those who supply their products.
8. Warehouse Location- A warehouse location is a region where companies storing goods.
9. Actual-Actual sales for the product.
10. C.sales-Customer Sales for the product.
11. Inventory Stock: Inventory stock refers to the goods and materials that a business holds for the ultimate goal of resale.
12. L.sales-Location Wise Sales for the product.
13. M.sales-Monthly Sales for the product.
14. Received Inventory- Creating a safe, fast, and organized process for handling received inventory. Accurately track your goods from when they arrive in your warehouse to when they are shipped to your customer.
15. Rep. sales- Representative Sales for the product.
16. Target- Target sales for the product.

## 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

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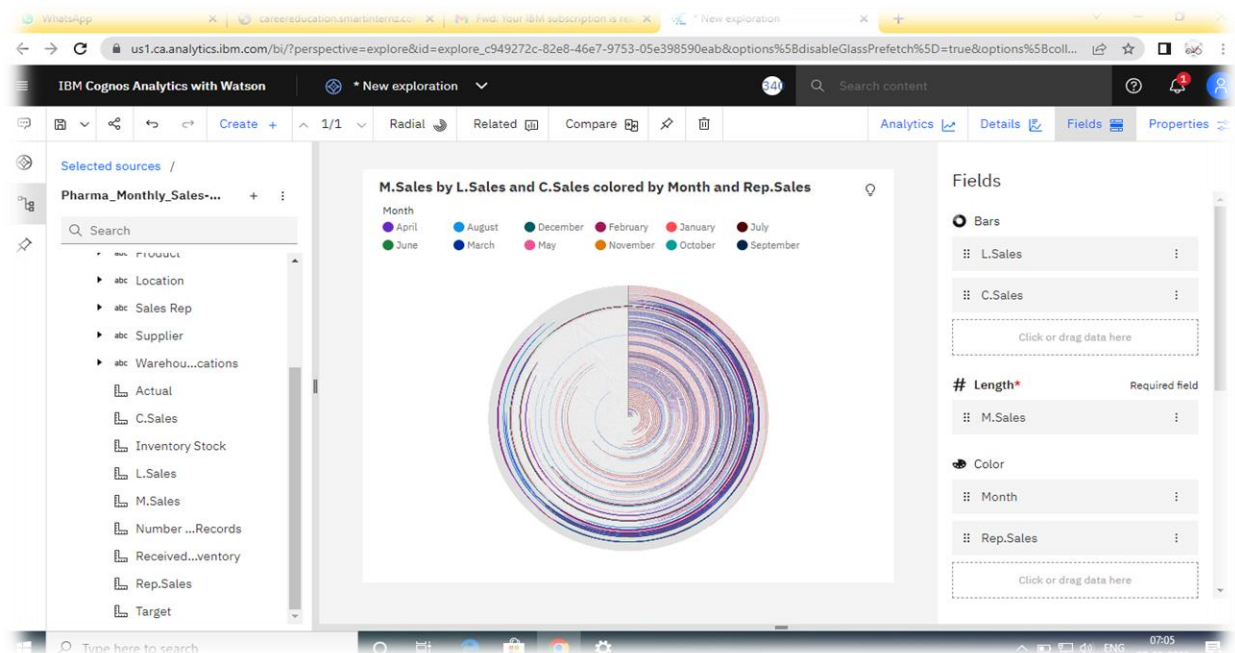
Task 6: Sales Trend

Task 7: Monthly Sales

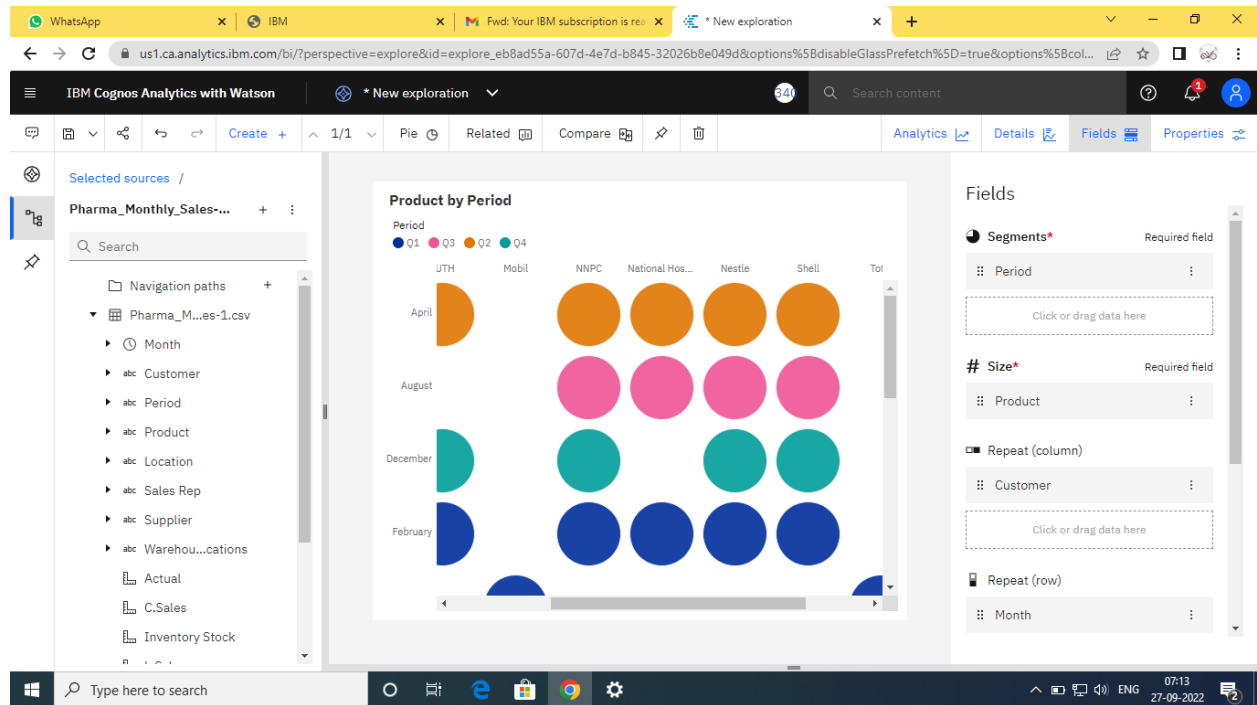
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## SOLUTION:

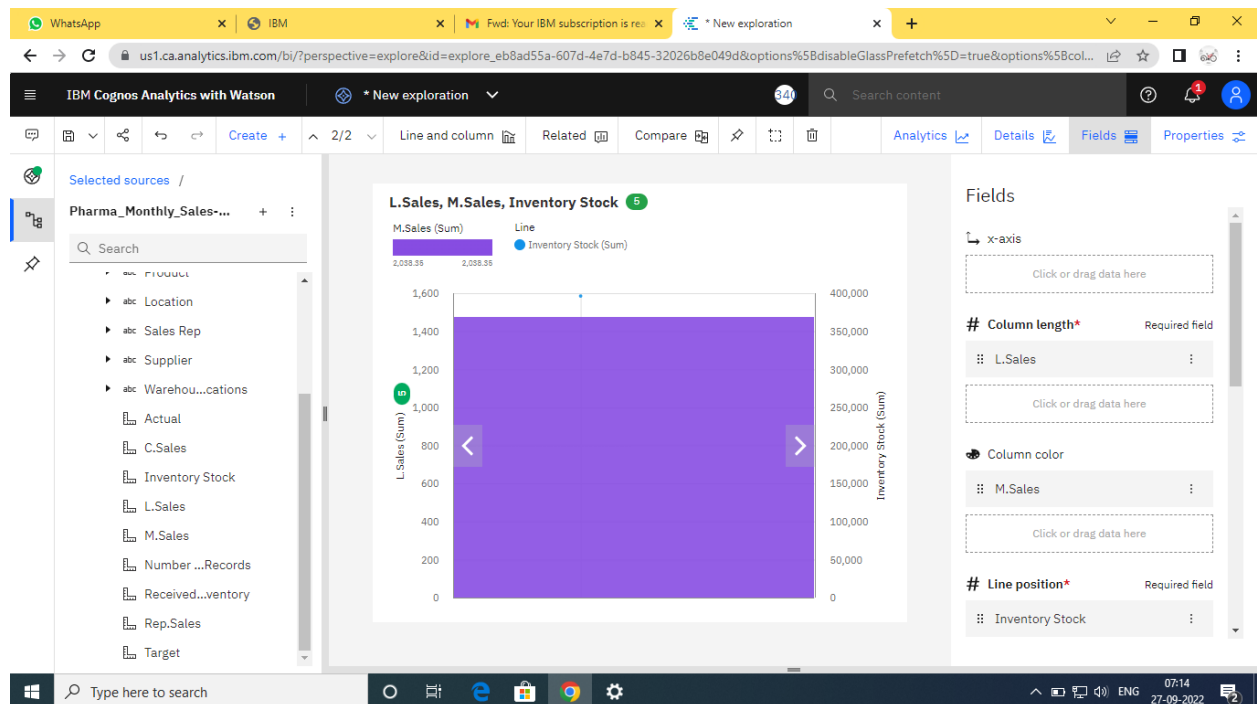
### EXPLORATION OF DATA SET---RADIAL EXPLORATION



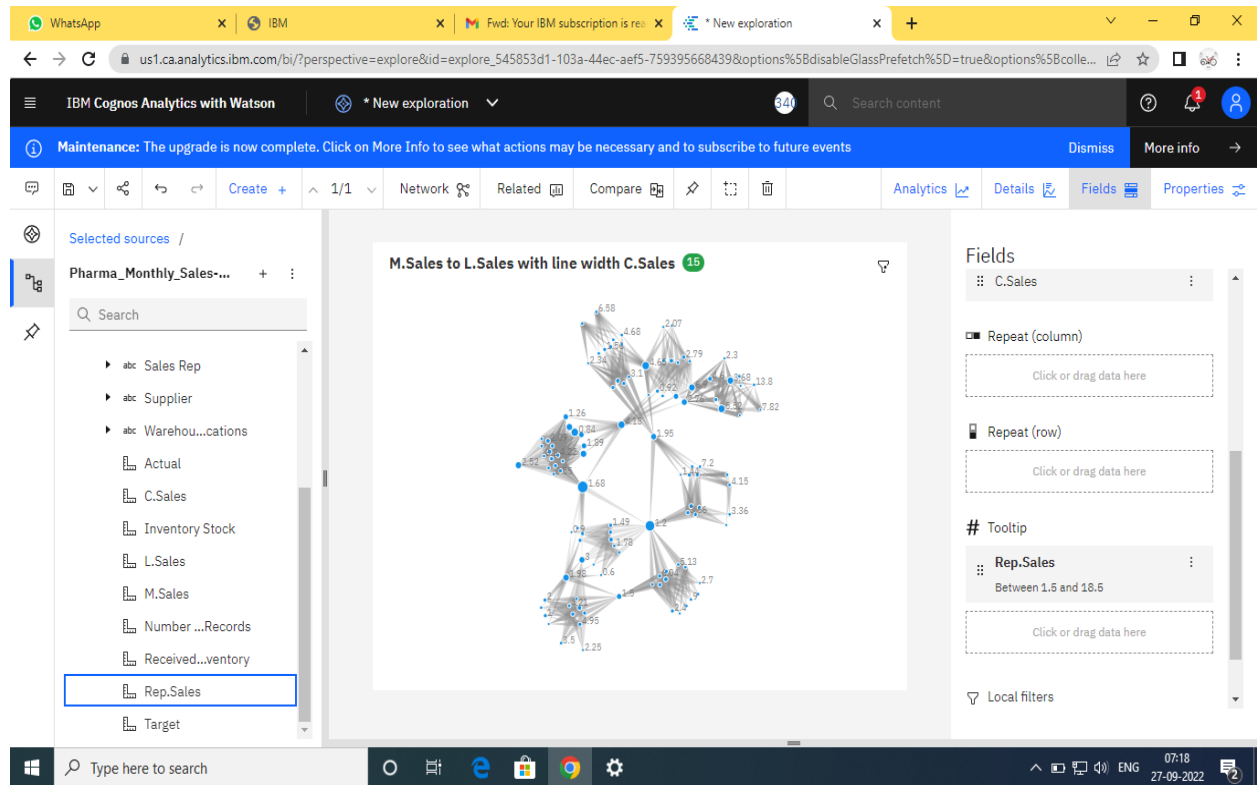
## PIE CHART EXPOLARATION



## LINE AND COLUMN EXPLORATION



# NETWORK EXPLORATION



CREATION OF INTERACTIVE DASHBOARD:

