

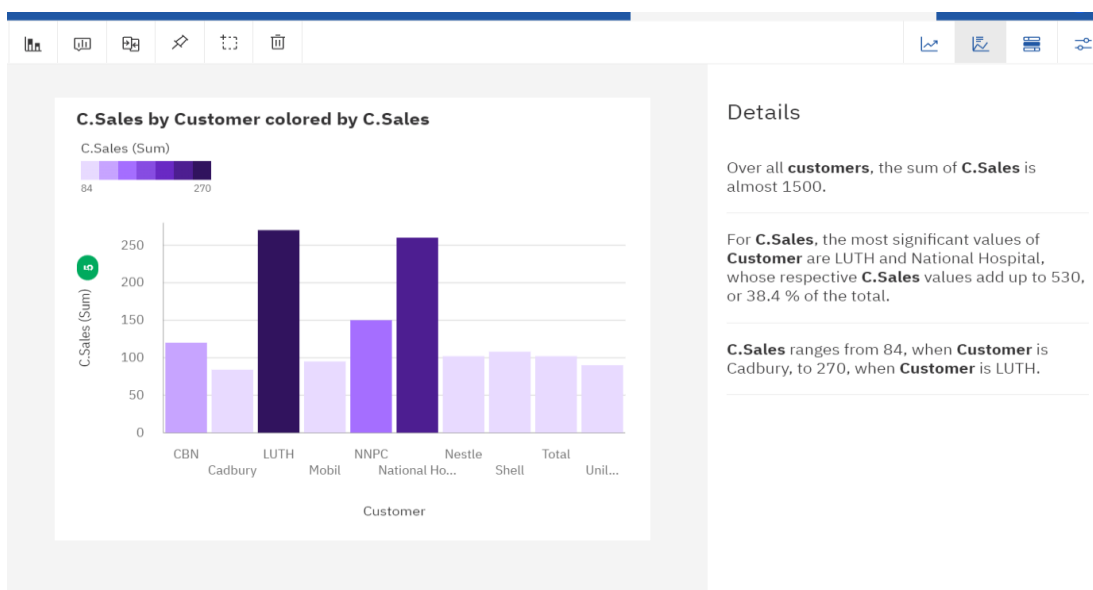
Assignment -2

Assignment Date	19 September 2022
Student Name	Akshaya V
Student Roll Number	810019104007
Maximum Marks	2 Marks

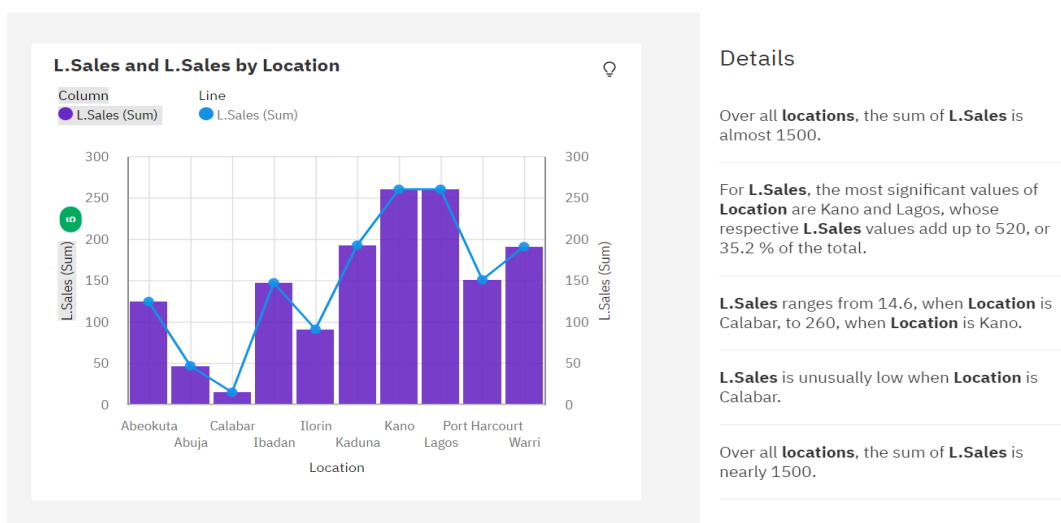
Question:

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

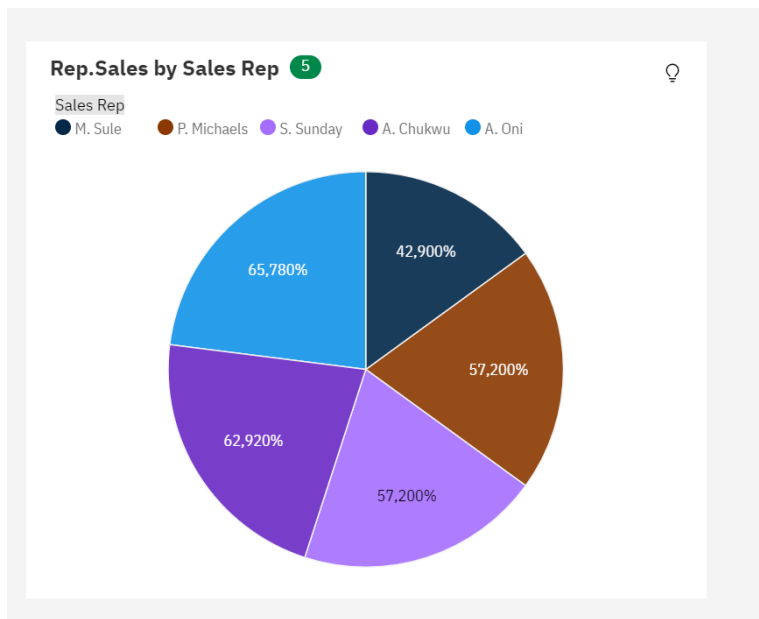
Task 1: Sales By Customer.



Task 2: Sales By Location.



Task 3: Sales By Sales Representative.



Details

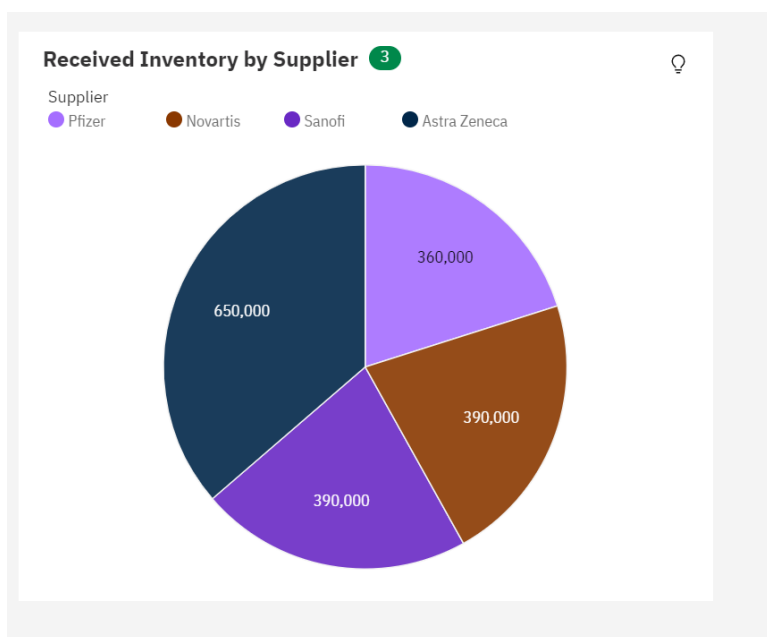
Over all values of **Sales Rep**, the sum of **Rep.Sales** is nearly three thousand.

For **Rep.Sales**, the most significant values of **Sales Rep** are A. Oni, A. Chukwu, S. Sunday, and P. Michaels, whose respective **Rep.Sales** values add up to almost 2500, or 85 % of the total.

Rep.Sales ranges from 429, when **Sales Rep** is M. Sule, to 657.8, when **Sales Rep** is A. Oni.

Rep.Sales is unusually low when **Sales Rep** is M. Sule.

Task 4: Received Inventory From Supplier



Details

Over all **suppliers**, the sum of **Received Inventory** is nearly 1.8 million.

Received Inventory ranges from 360 thousand, when **Supplier** is Pfizer, to 650 thousand, when **Supplier** is Astra Zeneca.

Received Inventory is unusually high when **Supplier** is Astra Zeneca.

Task 5: Inventory Stock for Warehouse Locations

Inventory Stock for Warehouse Locations	
	Inventory Stock
Amuwo	85,260
Apapa	60,424.168
Calabar	6,960
Ikeja	73,080
In Transit	3,480
Kaduna	64,380
Kano	67,280
Port Harcourt	35,380
Summary	396,244.168

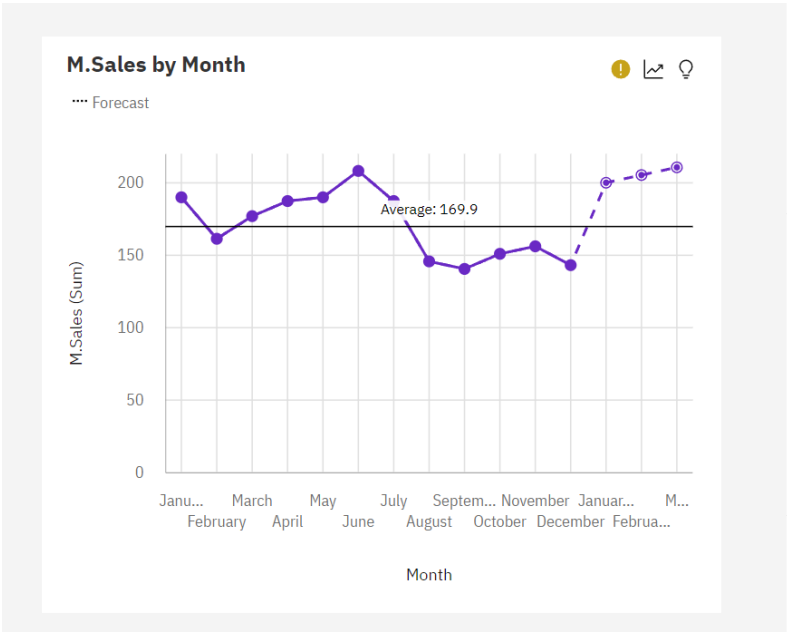
Details

Across all **warehouse locations**, the sum of **Inventory Stock** is over 396 thousand.

For **Inventory Stock**, the most significant values of **Warehouse Locations** are Amuwo, Ikeja, Kano, Kaduna, and Apapa, whose respective **Inventory Stock** values add up to over 350 thousand, or 88.4 % of the total.

Inventory Stock ranges from nearly 3500, when **Warehouse Locations** is In Transit, to over 85 thousand, when **Warehouse Locations** is Amuwo.

Task 6: Sales Trend



Analytics

[See statistical details](#)

Insights

Show average value

The average value of M.Sales is 169.9.

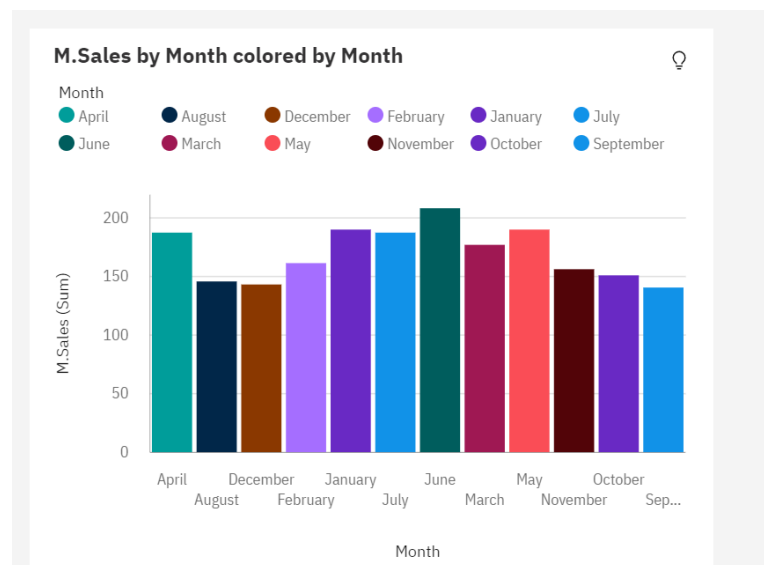
Show meaningful differences

[None found](#)

Annotation warnings:

- Forecasting requires visualization

Task 7: Monthly Sales



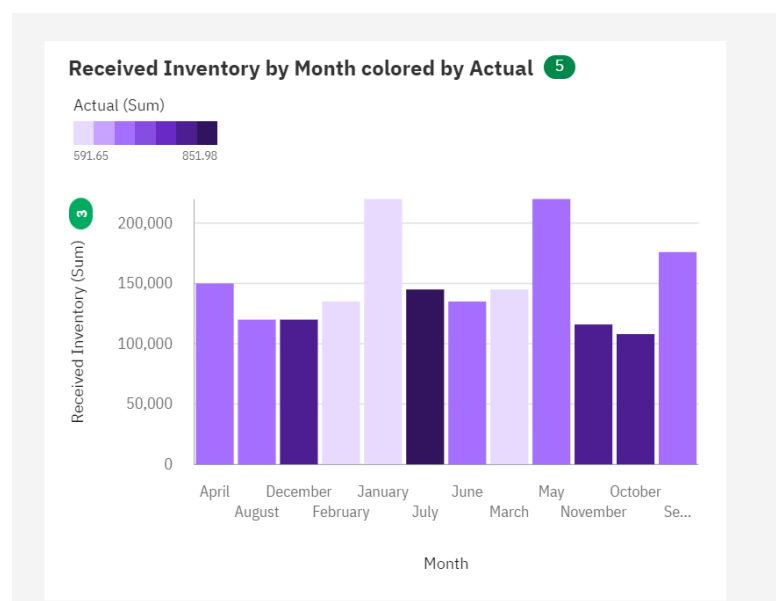
Details

Across all **months** and **months**, the sum of **M.Sales** is over two thousand.

For **M.Sales**, the most significant value of **Month** is June, whose respective **M.Sales** values add up to 208.3, or 10.2 % of the total.

The summed values of **M.Sales** range from 140.6 to 208.3.

Task 8: Actual and Received Inventory by Month



Details

Over all **months**, the sum of **Received Inventory** is almost 1.8 million.

For **Received Inventory**, the most significant values of **Month** are May and January, whose respective **Received Inventory** values add up to 440 thousand, or 24.6 % of the total.

Received Inventory ranges from 108 thousand, in October, to 220 thousand, in January.