Retail Store Stock Inventory Analytics

Description:- Stock management is the process of managing the goods your business plans to sell. This involves acquiring, storing, organising and tracking those goods.Stock management also involves keeping records of changes in your inventory over time. This helps you keep the right amount of each product or item in stock to keep up with customer demand.

Sales forecasting is another big part of stock management. If your inventory gets too low, you might not be able to keep up with your customers' demands. But if your inventory is too high it will tie up your money and increase storage costs. You'll also have to pay higher taxes because of the large value of your inventory.

It's often useful to have safety stock, also known as buffer stock. This means keeping slightly more goods than you expect you'll need. This is useful if demand is unusually high or if you need to exchange a faulty or damaged product.

Like every sale, there is a buyer and a seller. In this case, the buyer depends on the product of the manufacturer. We will consider all of the buyer kinds.

1. Supplier
2. Distributor
3. Branch
4. Customers

About the Retail Store Stock Inventory Analytics

Let's understand the features of the stock management:

1. Month- January -December Months Data.

2. Customer-company ,product

3. Period- Q1-Q4 are the four quarters which show the sales record quarterly.

4. Product- Rich product content experience is what will set you apart from the competiti

5. Location-Sales in different regions,

6. Sales Rep- Sales Representative who sells products.

7. Suppliers-End to end retail management 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.

Download Dataset-
https://drive.google.com/file/d/1EgyTLsElCxrzl03EzFfO95yiWpomktr1/view?usp=sharing

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