STORE SALES ANALYSIS

DATA SOURCE : Synthetic

GOAL: Practice SQL , DATA VISUALIZATION ,TABLEAU & PYTHON

CREATING DATA USING PYTHON

1. Using "Faker, Pandas, Random" LIBRARIES In Python to Generate Our Own Data
2. Faker is used to generate random user, product & supplier data.
3. Using RANDOM to create, sales , purchase data.
4. Using for loops to create multiple rows of data & store them in multiple lists.
5. Using pandas to create & export multiple data frames as CSV.
6. As a end result We Get Customer, Product, Suppliers, Sales files which we can import in SQL.

ANALYZING THE DATA INSIDE SQL

1. IMPORTING ALL THE DATA AS SQL TABLES
2. Sorting products by quantity sold & calculate total profit earned
3. Finding name of supplier for products where sale price < purchase price.
4. Calculating the loss we are making on those products
5. Finding least sold product in inventory
6. Finding the supplier on which the store relies the most
7. Finding customers who have registered with store but haven't made any purchase
8. Visualizing in TABLEAU : CLICK HERE