Project 1

Shopster is a one stop shop for all your fashion and lifestyle needs. Being country's one of the largest e-commerce store for fashion and lifestyle products, **Shopster** aims at providing a hassle free and enjoyable shopping experience to shoppers across the country with the widest range of brands and products on its portal.

Dataset Description.:

Products

- ProductID : A combination of Alphabet & Numeric data which is unique , representing the product id
- Category : Category to which the product belong to
- Sub-Category: Sub-Category of the corresponding Category to which product belong to
- ProductName : The Name of the Product
- BrandName : The Brand to which the product belongs to
- Size : The size of the Product
- Color : The color of the Corresponding Product
- Rating : Rating of the Product given by the customer.

Customer

- CustomerID : A combination of Alphabet & Numeric data which is unique , representing the Customer ID
- CustomerAge : Numeric Data consisting of the age of the customer
- City : Text Data consisting of city Names
- Age : Numeric Data consisting of age
- State : Text Data consisting of State Names

Orders

- OrderID : A combination of Alphabet & Numeric data which is unique , representing the Order ID.
- CustomerID : Referring to Customer Table **CustomerID** column.

- ProductID : Referring to Product Table **ProductID** column.
- Date : Date of the order in MM/DD/YYYY
- OriginalPrice : Original Price of Product in Numeric Type
- Discount : Numeric Data in Percentage.

Key Requirement:

1. Make a real-time **Shopster** Sales Dashboard in Either (Power BI / Python/ Tableau
2. Analyze customer trends and product popularity.
3. Quarterly Sales Results on an Year on Year (YOY) basis.
4. Summary of Total Revenue generated
5. Sales on Basis of Discount.
6. Sales on basis of State
7. Product Distribution on the basis of Category.
8. Revenue Generated by Each State.
9. Show Days on which the sales is higher
10. Brand Distribution (which brand has the maximum products) summary
11. Revenue Share on the Sales (Company Basis)
12. Age wise Analysis on shopping trends.