**Retail Sales and Order Analytics Project**

Create a relationship using the table below.

1.Order

2.Order Filter Data base

3.People

4.Return

Apply Important conditions to data modelling for our data.

1.Apply the "$" symbol to the Sales column.

2.Change the format of the Date column to MM/DD/YYYY

Report 1

Filter: Category, Subcategory, Order Date , Region

Card value: Total sales, Total Orde QTY, Total Pr ofit

Chart 1: Create the total sales by category for each year.

Chart 2: Create the total Profit by City for each year.

Chart 3: Generate the total sales, profit, discount, and quantity for each city.(Matrix chart)

Report 2

Filter: Ship Date, Order date

Chart 1: Utilize the GROUP BY function to create a list of the top 5 customers based on sales.

Chart 2: Total sales by YTD, QTD, MTD, WTD

Chart 3: Display negative profit values on a city-wise basis.

Chart 4: Calculate the 12-week and 4-week moving average sales.

Report 3

Create the following visualizations:

Total Sales Over Time (Line Chart)

Product Sales Distribution (Bar Chart)

Top Selling Products (Table or Chart)

Customer Distribution (Pie Chart or Map)

Monthly Sales Trend (Line or Area Chart)

Order Quantity by Product Category (Donut Chart)

Total Rank Sales desc

Report 4

Chart 1: Create one sample Donate chart.

Chart 2: Create one sample Line chart.

Chart 3: Create one sample Matrix chart.

Chart 4: Create one sample Bar chart.

Chart 5: Create one sample Map chart.

**Notes**

Focus on understanding basic Power BI functionalities such as loading data, creating relationships, and designing simple visualizations.

Explore the Power BI interface, experiment with different visuals, and get familiar with customization options.

Pay attention to creating a user-friendly and visually appealing dashboard layout.

Document your steps and learnings as you work through the project.