Power Query Assignment-3G

Instructions

- Download the dataset from the link - https://docs.google.com/spreadsheets/d/1o91witT4zzqOOi3U8ItmuY2yN1Ss_Svq/edit?usp=drive_link&ouid=107120383683069960642&rtpof=true&sd=true
- Load the data into PowerBI and perform the following transformation operations on the dataset using the power query.
- **Note** - “use the first row as headers” in case fields of the dataset are in the first row .
- You will find a dataset attached with fields such as Row ID, Order ID, Order Date, Ship Date, Ship Mode, Customer ID, Customer Name, Segment, Country, City, State, Postal Code, Region, Product ID, Category, Sub-Category, Product Name, Sales, Quantity, Discount, and Profit.
- Your task is to perform specific Date and time transformation operations on selected fields using Power Query.
- Each exercise will have a task description and a hint to guide you in completing the transformation.
- Make sure to read the dataset and field descriptions carefully to understand the context and requirements.

Answer the following questions -

1.Calculate the total sales for each product category.
Hint: Use the Group By operation on the "Category" column and aggregate the "Sales" column using the Sum function.

2. Determine the maximum discount offered for each product sub-category.

Hint: Group the data by the "Sub-Category" column and find the maximum value in the "Discount" column.

3.Calculate the total sales for each year.
Hint: Extract the year from the "Order Date" column and group the data by the extracted year, then sum the "Sales" column.

4.Find the minimum profit for each city.
Hint: Group the data by the "City" column and find the minimum value in the "Profit" column.

5.Count the number of orders shipped using each ship mode.
Hint: Group the data by the "Ship Mode" column and count the distinct values in the "Order ID" column.

6.Find the maximum discount offered for each product category.
Hint: Group the data by the "Category" column and find the maximum value in the "Discount" column.

7.Count the number of orders placed in each state.
Hint: Group the data by the "State" column and count the distinct values in the "Order ID" column.