Power Query Assignment-3D

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 Numeric 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.Round the "Sales" column to two decimal places. (Hint: Use the Number.Round function)
2.Calculate the percentage discount by multiplying the "Discount" column by 100. (Hint: create a custom column)
3.Calculate the profit margin percentage by dividing the "Profit" column by the "Sales" column and multiplying by 100. (Hint: create custom column)

4.Multiply the "Quantity" column by the "Sales" column to calculate the total revenue.
5.Calculate the average sales per quantity by dividing the "Sales" column by the "Quantity" column.
6.Calculate the square of the "Profit" column.
7.Divide the "Sales" column by the "Profit" column to get the sales-to-profit ratio.
8.Calculate the natural logarithm of the "Sales" column
9.Round the values in the "Profit" column to two decimal places.
10.Calculate the difference between the "Ship Date" and "Order Date" in days to find the delivery time .