



## **Power Query Assignment-3C**

### **Instructions**

- Download the dataset from the link -  
[https://docs.google.com/spreadsheets/d/1o91witT4zzqOOi3U8ltmuY2yN1Ss\\_Svq/edit?usp=drive\\_link&oid=107120383683069960642&rtpof=true&sd=true](https://docs.google.com/spreadsheets/d/1o91witT4zzqOOi3U8ltmuY2yN1Ss_Svq/edit?usp=drive_link&oid=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 text 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.Convert the Ship Mode values to uppercase. Hint: Use the Text.Upper function.
- 2.Extract the first name from the Customer Name field. Hint : use delimiter
- 3.Combine the City, State, and Postal Code fields into a single address field. Hint: Use the Text.Merge function.

4.Task: Remove any leading or trailing spaces from the Customer Name field.Hint: Use the Text.Trim function.

5.Task: Replace any occurrences of "United States" in the Country field with "US".

Hint: Use the Text.Replace function.

6.Task: Extract the year from the Order Date field. Hint: Use the Date.Year function.

7.Extract the month from the Order Date field. Hint: Use the Date.Month function.

8.Concatenate the Category and Sub-Category fields with a hyphen in between.

Hint: Use the Text.Combine function with the "-" separator.

9.Extract the last 6 digits from the Order ID field

10.Extract the last 5 digits from the Customer ID field