

## **Basic Power BI Practice Questions**

### **Data Loading & Transformation**

Load the same dataset we used during the session into Power BI and perform the given transformation in Power Query Editor.

1. Enable the column quality and column distribution. Enable Data profiling based on the entire dataset.
2. Add an Index column in the Orders table and remove Row\_ID. Then, rename the index column to "Row ID".
3. Create three Duplicates of the "Order" table in the query tab. (right click on the table and click on duplicate)
4. Rename the duplicated tables to "Customer", "products", and "Region".
5. In the customer table, remove all columns other than
  - Customer ID
  - Customer Name
  - Customer Segment
6. In the Product table, remove all columns other than
  - Product Category
  - Product Sub-Category
  - Product Container
  - Product Name
  - Product Base Margin
7. In the Region table, remove all columns other than
  - Country
  - Region
  - State or Province
  - City
  - Postal Code

Hint: Choose the desired columns and click on "Remove other columns"

8. Remove duplicates from each table. Select all and then remove duplicates.
9. Add an index column in the product and Region table, starting from 1. Rename them as Product ID and Region ID.
10. Create a duplicate of the "Orders" table and perform a Group by "Region", and calculate the count of orders in each region.

Deliverable: Close and apply the Power query > Save the Power BI file (.pbix file) and submit it in the classroom.