Scenario/Challenge

Your Role: Sales Executive

You are a sales executive of an import-export company called "Northwind Traders", which imports and exports specialty foods from around the world. The Enteprise Resource Planning (ERP) software you are in charge of, contains a database with several tables for customers, orders, inventory, purchasing, suppliers, shipping, employees, and single-entry accounting.



Your Task

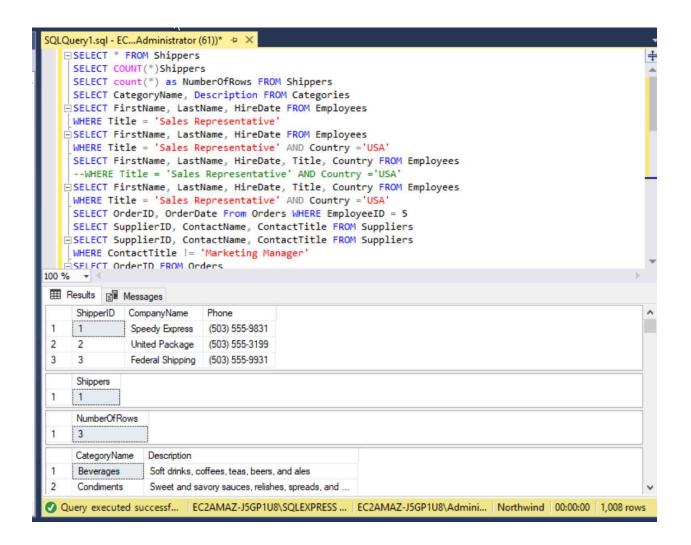
- Retrieve all orders made by a specific customer whose CustomerID is 'ALFKI'
- Retrieve all orders made in a specific year 1997. (Use the SQL function YEAR() to access the year of OrderDate)
- Retrieve the total number of orders for each customer.
- Retrieve the ProductID, Sum of Orders by ProductID and the TotalOrderAmount as the SUM of UnitPrice and Quantity

(Pause the video to complete the task and unpause to see the solution once the task is complete)

```
SELECT * FROM Orders WHERE CustomerID = 'ALFKI'
SELECT * FROM Orders WHERE YEAR(OrderDate) = 1997

SELECT CustomerID, Count (OrderID) as OrderCount FROM Orders
Group BY CustomerID

SELECT ProductID , COUNT (OrderID) as CountOrders,
SUM (UnitPrice * Quantity) As TotalOrderAmount
FROM [Order Details]
GROUP BY ProductID
```



```
WHERE ContactTitle != 'Marketing Manager'
  SELECT OrderID FROM Orders
    WHERE ShipCountry In( 'France', 'Belgium')
  SELECT ProductID, ProductName FROM Products
    Where ProductName LIKE '%queso%'
    SELECT Country FROM Customers GROUP BY Country
    SELECT Country, count(CustomerID) FROM Customers GROUP BY Country

☐ SELECT Country, count(CustomerID) as NumbersOfCustomers

    FROM Customers GROUP BY Country
  SELECT Country, City, count(CustomerID) as NumbersOfCustomers
    FROM Customers GROUP BY Country, City
  SELECT Country, City, count(CustomerID) as NumbersOfCustomers
    FROM Customers GROUP BY Country, City
    ORDER BY NumbersOfCustomers desc
    SELECT * FROM Orders WHERE CustomerID = 'ALFKI'
    SELECT * FROM Orders WHERE YEAR(OrderDate) = 1997
 SELECT CustomerID. Count (OrderID) as OrderCount FROM Orders
0 % -

    ⊞ Results

          Messages
     Andrew
               Fuller
                          1992-08-14 00:00:00.000
                                                Vice President, Sales
                                                                   USA
Z
3
                                                                   USA
                          1992-04-01 00:00:00.000
                                                Sales Representative
     Janet
               Leverling
               Peacock
                                                                   USA
4
     Margaret
                          1993-05-03 00:00:00.000
                                                Sales Representative
5
               Buchanan
                         1993-10-17 00:00:00.000
                                                                   UK
     Steven
                                                Sales Manager
6
               Suyama
     Michael
                          1993-10-17 00:00:00 000
                                                Sales Representative
                                                                   UK
7
     Robert
                          1994-01-02 00:00:00.000
                                                Sales Representative
                                                                   UK
               King
8
     Laura
               Callahan
                          1994-03-05 00:00:00.000
                                                Inside Sales Coordi...
                                                                   USA
9
               Dodswo
                          1994-11-15 00:00:00.000
                                                                   UK
     Anne
                                                Sales Representative
    First Name
               Last Name
                         Hire Date
                                                Title
                                                                   Country
1
     Nancy
               Davolio
                          1992-05-01 00:00:00.000
                                                Sales Representative
                                                                   USA
2
                                                                   USA
     Janet
               Leverling
                          1992-04-01 00:00:00.000
                                                Sales Representative
3
               Peacock
                          1993-05-03 00:00:00.000
                                                Sales Representative
                                                                   USA
     Margaret
```