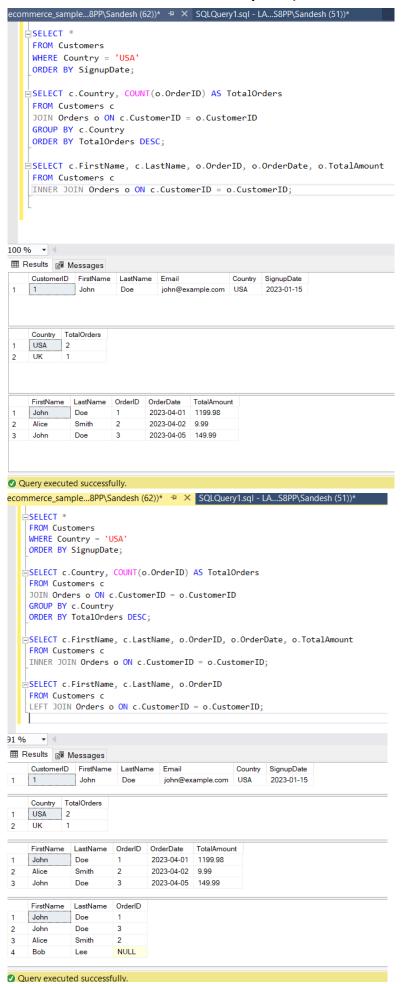
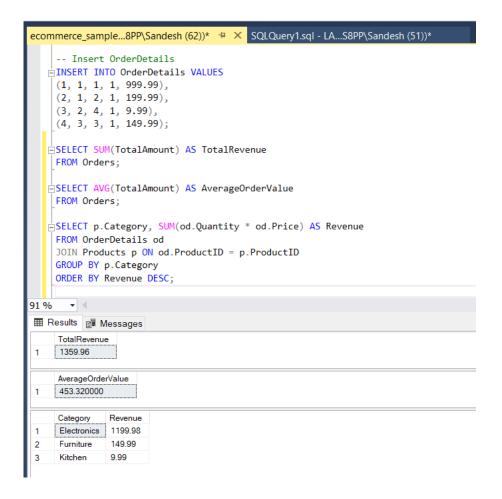
## Task 3: SQL for Data Analysis (Screenshots of output)



```
ecommerce_sample...8PP\Sandesh (62))* 

SQLQuery1.sql - LA...S8PP\Sandesh (51))*
   □SELECT FirstName, LastName
    FROM Customers
    WHERE CustomerID IN (
        SELECT CustomerID
        FROM Orders
        GROUP BY CustomerID
        HAVING SUM(TotalAmount) > 1000
    );
   ⇒SELECT *
    FROM Products
    WHERE Price = (
        SELECT MAX(Price) FROM Products
91 %
FirstName LastName
            Doe
    John
     ProductID ProductName Category Price
                                        Stock
             iPhone 13
                        Electronics 999.99 50
    1
```



```
SQLQuery7.sql - LA...S8PP\Sandesh (64)) □ × ecommerce_sample...8PP\Sandesh (59))*
   □ CREATE VIEW MonthlyCustomerOrderSummary AS
    SELECT
        FORMAT(c.SignupDate, 'yyyy-MM') AS Month,
        COUNT(DISTINCT c.CustomerID) AS NewCustomers,
        COUNT(DISTINCT o.OrderID) AS TotalOrders,
        SUM(o.TotalAmount) AS Revenue
    FROM Customers c
    LEFT JOIN Orders o
        ON MONTH(c.SignupDate) = MONTH(o.OrderDate)
       AND YEAR(c.SignupDate) = YEAR(o.OrderDate)
    GROUP BY FORMAT(c.SignupDate, 'yyyy-MM');
    ORDER BY Month;
    Month
           NewCustomers TotalOrders
                             Revenue
   2023-01
                     0
1
    2023-02
                              NULL
2
    2023-03
                     0
                              NULL
3

    Query executed successfully.
```

## SQLQuery7.sql - LA...S8PP\Sandesh (64)) ecommerce\_sample...8PP\Sandesh (59))\* + X SELECT \* FROM Customers; SELECT \* FROM Products; SELECT \* FROM Orders; SELECT \* FROM OrderDetails; Country CustomerID FirstName LastName Email SignupDate 2023-01-15 John Doe john@example.com USA 2 Alice Smith UK 2023-02-20 alice@example.com 3 Bob bob@example.com India 2023-03-05 Lee ProductName Category ProductID Price Stock iPhone 13 1 Electronics 999.99 50 2 AirPods Electronics 199.99 100 3 Gaming Chair Furniture 149.99 3 20 9.99 4 Coffee Mug Kitchen OrderID CustomerID OrderDate TotalAmount 2023-04-01 1199.98 1 2 2023-04-02 9.99 2 3 2023-04-05 149.99 3 1 OrderDetailID OrderID ProductID Quantity Price 1 1 1 999.99 1 2 1 199.99 2 1 3 2 4 1 9.99 3 3 1 4 4 3 149.99

Query executed successfully.