1. **The total amount spent and the country for the Pending delivery status for each country.**
   * Merge the Order and Shipping datasets using Customer\_ID.
   * Filter for records where the "Status" column shows "Pending."
   * Group by country and sum the total to find the amount spent per country on pending deliveries.

**SELECT c.Country, SUM(o.Amount) AS Total\_Amount**

**FROM Order o**

**JOIN Shipping s ON o.Customer\_ID = s.Customer\_ID**

**JOIN Customer c ON o.Customer\_ID = c.Customer\_ID**

**WHERE s.Status = 'Pending'**

**GROUP BY c.Country;**

1. ***The total number of transactions, total quantity sold, and total amount spent for each customer, along with the product details.***
   * Combine data from the Customer, Order,
   * Group by Customer\_ID (or use First and Last Name for clarity).
   * Calculate the total spent(using amount) and count both transactions and items per customer.

**SELECT o.Customer\_ID, c.First, c.Last, COUNT(o.Order\_ID) AS Total\_Transactions, SUM(o.Amount) AS Total\_Amount**

**FROM Order o**

**JOIN Customer c ON o.Customer\_ID = c.Customer\_ID**

**GROUP BY o.Customer\_ID, c.First, c.Last;**

1. **The maximum product purchased for each country.**
   * Merge Customer and Order datasets using Customer\_ID.
   * Group by Country and Item, and sum the Amount for each item.
   * Use function or similar to identify the top-selling item in each country.

**SELECT Country, Item, MAX(Total\_Amount) AS Max\_Amount**

**FROM (**

**SELECT c.Country, o.Item, SUM(o.Amount) AS Total\_Amount**

**FROM Customer c**

**JOIN Order o ON c.Customer\_ID = o.Customer\_ID**

**GROUP BY c.Country, o.Item**

**) AS SubQuery**

**GROUP BY Country**;

1. **the most purchased product based on the age category less than 30 and above 30.**
   * Join Customer and Order datasets on Customer\_ID.
   * Divide the dataset into groups based on age: under 30, and 30 or older.
   * Group by Item and count occurrences to find the most popular product in each age category.

**SELECT Item, COUNT(Item) AS Item\_Count**

**FROM Customer c**

**JOIN Order o ON c.Customer\_ID = o.Customer\_ID**

**WHERE c.Age < 30**

**GROUP BY Item**

**ORDER BY Item\_Count DESC**

**LIMIT 1;**

1. **the country that had minimum transactions and sales amount.**
   * Merge Customer and Order datasets on Customer\_ID.
   * Group by Country, summing Amounts and counting transactions.
   * Identify the country with the lowest totals using the min function or by sorting the values.

**SELECT Country, MIN(Total\_Transactions) AS Min\_Transactions, MIN(Total\_Amount) AS Min\_Amount**

**FROM (**

**SELECT c.Country, COUNT(o.Order\_ID) AS Total\_Transactions, SUM(o.Amount) AS Total\_Amount**

**FROM Customer c**

**JOIN Order o ON c.Customer\_ID = o.Customer\_ID**

**GROUP BY c.Country**

**) AS SubQuery**

**GROUP BY Country;**