Shopify Data Science Challenge

Question 2: For this question you'll need to use SQL. Follow this link to access the data set required for the challenge. Please use queries to answer the following questions. Paste your queries along with your final numerical answers below.

a. How many orders were shipped by Speedy Express in total?

SELECT ShipperName, COUNT(Orders.ShipperID)
FROM Orders
INNER JOIN (select * from Shippers where shippername = 'Speedy Express')
as shippers ON Orders.ShipperID = Shippers.ShipperID
GROUP BY Orders.ShipperID;

Speedy Expresss has made 54 shipping



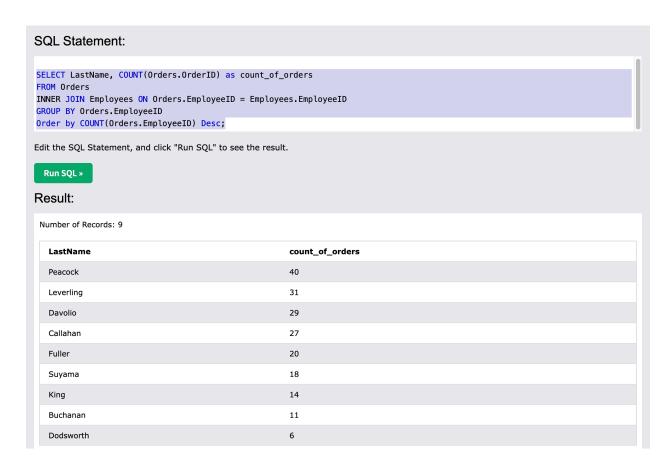
b. What is the last name of the employee with the most orders?

SELECT LastName, COUNT(Orders.OrderID) as count_of_orders FROM Orders

INNER JOIN Employees ON Orders.EmployeeID = Employees.EmployeeID GROUP BY Orders.EmployeeID

Order by COUNT(Orders.EmployeeID) Desc;

Peacock is the last-name of the employee who has placed more orders.



c. What product was ordered the most by customers in Germany?



If we are interested in the quantity of the product

SELECT ProductName, MAX(Quantity) FROM(

SELECT Products.ProductName as ProductName,

OrderDetails.Quantity

FROM Orders

INNER JOIN Customers ON

Orders.CustomerID=Customers.CustomerID

INNER JOIN OrderDetails ON

Orders.OrderID=OrderDetails.OrderID

INNER JOIN Products ON

Products.ProductID=OrderDetails.ProductID

WHERE Country = 'Germany'

Group By Products.ProductID

Order by OrderDetails.Quantity Desc);

SQL Statement: SELECT ProductName, MAX(Quantity) FROM(SELECT Products.ProductName as ProductName, OrderDetails.Quantity FROM Orders INNER JOIN Customers ON Orders.CustomerID=Customers.CustomerID INNER JOIN OrderDetails ON Orders.orderID=OrderDetails.OrderID Edit the SQL Statement, and click "Run SQL" to see the result. Run SQL >> Result: Number of Records: 1 ProductName MAX(Quantity) Steeleye Stout 100