**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?
- b. What is the last name of the employee with the most orders?
- c. What product was ordered the most by customers in Germany?

## **SOLUTION**

a. SQL Query:

SELECT ShipperName, COUNT(ShipperName) OrdersShipped FROM( SELECT \*

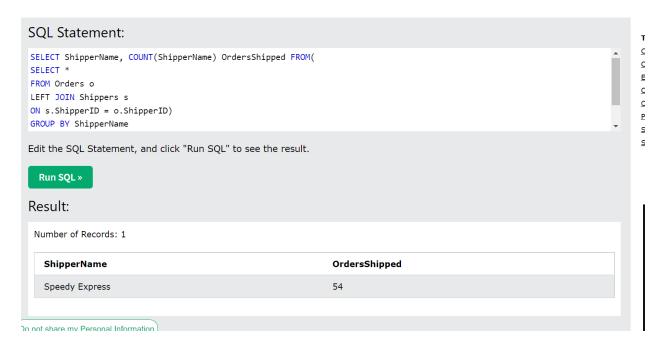
**FROM Orders o** 

**LEFT JOIN Shippers s ON s.ShipperID = o.ShipperID)** 

**GROUP BY ShipperName** 

**HAVING ShipperName = 'Speedy Express'** 

Here, ShipperID = 1 for Speedy Express

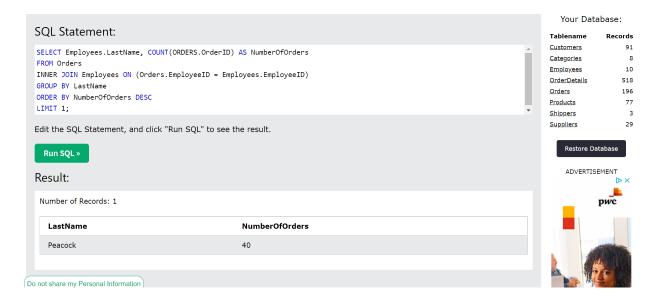


b. SQL Query:

SELECT Employees.LastName, COUNT(ORDERS.OrderID) AS NumberOfOrders FROM Orders

INNER JOIN Employees ON (Orders.EmployeeID = Employees.EmployeeID)
GROUP BY LastName

## ORDER BY NumberOfOrders DESC LIMIT 1;



## c. SQL Query:

SELECT P.ProductName, COUNT(P.ProductID) AS CountOfProducts
FROM Products AS P JOIN OrderDetails AS OD ON P.ProductID = OD.ProductID
JOIN Orders AS O ON O.OrderID = OD.OrderID
JOIN Customers AS C ON C.CustomerID = O.CustomerID
WHERE C.Country = 'Germany'
GROUP BY P.ProductName, P.ProductID
ORDER BY COUNT(P.ProductID) DESC

