

## Shopify Data Science Challenge Fall 2022 Question 2

2a.) How many orders were shipped by Speedy Express in total?

Answer: Speedy Express shipped 54 orders in total.

```
SELECT Shippers.ShipperName, COUNT(Orders.OrderID) AS Total_Shipped FROM Shippers  
JOIN Orders ON Shippers.ShipperID=Orders.ShipperID WHERE ShipperName = "Speedy  
Express";
```

Result:

Number of Records: 1

| ShipperName    | Total_Shipped |
|----------------|---------------|
| Speedy Express | 54            |

2b.) What is the last name of the employee with the most orders?

Answer: Peacock had the most orders.

```
SELECT Employees.LastName, COUNT(Orders.OrderID) AS Total_Orders_BY_Employee FROM  
Employees JOIN Orders ON Employees.EmployeeID=Orders.EmployeeID GROUP BY  
Employees.EmployeeID ORDER BY Total_Orders_BY_Employee DESC LIMIT 1;
```

Result:

Number of Records: 1

| LastName | Total_Orders_BY_Employee |
|----------|--------------------------|
| Peacock  | 40                       |

2c.) What product was ordered the most by customers in Germany?

Answer: Boston Crab Meat was ordered the most by customers in Germany.

```
SELECT Products.ProductName, Customers.Country, SUM(OrderDetails.Quantity) AS  
Total_Orders_BY_Country FROM Products JOIN OrderDetails ON  
Products.ProductID=OrderDetails.ProductID JOIN Orders ON  
OrderDetails.OrderID=Orders.OrderID JOIN Customers ON  
Orders.CustomerID=Customers.CustomerID WHERE Country = "Germany" GROUP BY  
ProductName ORDER BY Total_Orders_BY_Country DESC LIMIT 1;
```

Edit the SQL Statement, and click "Run SQL" to see the result.

Run SQL »

Result:

Number of Records: 1

| ProductName      | Country | Total_Orders_BY_Country |
|------------------|---------|-------------------------|
| Boston Crab Meat | Germany | 160                     |