

## Ghanisht Aggarwal Shopify Data Science Challenge Question 2

### Question 2:

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

```
SELECT Shippers.ShipperName, COUNT(Orders.OrderID) AS  
NumberOfOrders FROM Orders  
LEFT JOIN Shippers ON Orders.ShipperID = Shippers.ShipperID  
GROUP BY ShipperName  
HAVING ShipperName = 'Speedy Express';
```

**Answer:** Speedy Express has shipped 54 orders

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

```
SELECT Employees.LastName, COUNT(Orders.OrderID) AS  
NumberOfOrders FROM Orders  
LEFT JOIN Employees ON Orders.EmployeeID = Employees.EmployeeID  
GROUP BY LastName Order by NumberOfOrders Desc  
Limit 1;
```

**Answer:** Peacock is the last name of the employee with the most orders, with 40 orders

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

```
Select Products.ProductName, Customers.Country,  
Count(Orders.OrderID) as NumberOfOrders FROM Customers  
Right Join Orders on Customers.CustomerID = Orders.CustomerID  
Right Join Order_details on Orders.OrderID = Order_details.OrderID  
Right Join Products ON Order_details.ProductID = Products.ProductID
```

Where Country = 'Germany'

Group by ProductName Order by NumberOfOrders Desc

Limit 5;

**Answer:** Gorgonzola Telino is the product that was ordered most by customers in Germany.