

Shopify Part 2 - Winter 2022 Data Science Intern 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?**

```
1  SELECT Orders.ShipperID, Shippers.ShipperID, Shippers.ShipperName,
2     COUNT(Shippers.ShipperName)
3  FROM Orders
4  INNER JOIN Shippers ON Orders.ShipperID = Shippers.ShipperID
   WHERE Shippers.ShipperName = "Speedy Express"
```

Answer: 54

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

```
1  SELECT e.LastName, o.EmployeeID, COUNT(e.EmployeeID) as TotalOrders
2  FROM [Employees] as e
3  INNER JOIN [Orders] as o
4  ON o.EmployeeID = e.EmployeeID
5  GROUP BY e.EmployeeID
6  ORDER BY TotalOrders DESC
7  LIMIT 1
```

Answer: Peacock

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

```
1  SELECT p.ProductName, COUNT(p.ProductID) as NumPurchased
2  FROM [Customers] AS c
3  INNER JOIN [Orders] AS o
4  ON c.CustomerID = o.CustomerID
5  INNER JOIN [OrderDetails] AS od
6  ON o.OrderID = od.OrderID
7  INNER JOIN [Products] AS p
8  ON od.ProductID = p.ProductID
9  WHERE c.Country = "Germany"
10 GROUP BY p.ProductID
11 ORDER BY NumPurchased DESC
12 LIMIT 1
```

Answer: Gorgonzola Telino