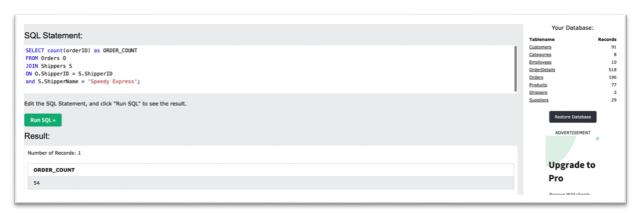# Fall 2022 Data Science Intern Challenge

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?
   Answer : 54

SELECT count(orderID) as ORDER_COUNT
FROM Orders O
JOIN Shippers S
ON O.ShipperID = S.ShipperID
and S.ShipperName = 'Speedy Express';

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

    SELECT LastName
    FROM Orders O
    JOIN Employees E
    ON O.EmployeeID = E.EmployeeID
    Group by E.LastName
    Order by COUNT(O.ORDERID)
    Desc limit 1;

c. What product was ordered the most by customers in Germany?
   Answer : Gorgonzola Telino

   SELECT P.ProductName
   FROM Orders O
   JOIN OrderDetails OD ON O.OrderID = OD.OrderID
   JOIN Products P ON OD.ProductID = P.ProductID
   JOIN Customers C ON C.CustomerID = O.CustomerID and C.Country='Germany'
   Group by P.ProductName,C.Country
   Order by COUNT(O.OrderId)
   Desc limit 1 ;