1. Pull the total number of orders that were completed on 18th March 2023

**SELECT COUNT(\*) AS TotalOrders**

**FROM SALES**

**WHERE Date = '2023-03-18';**

2. Pull the total number of orders that were completed on 18th March 2023 with the first name ‘John’ and last name ‘Doe’

**SELECT COUNT(\*) AS TotalOrders**

**FROM SALES S**

**JOIN CUSTOMERS C ON S.Customer\_id = C.Customer\_id**

**WHERE S.Date = '2023-03-18' AND C.First\_name = 'John' AND C.Last\_name = 'Doe';**

**3.** Pull the total number of customers that purchased in January 2023 and the average amount spent per customer

**SELECT COUNT(\*) AS TotalCustomers, AVG(Revenue) AS AverageAmountSpent**

**FROM SALES**

**WHERE Date >= '2023-01-01' AND Date <= '2023-01-31';**

**4.** Pull the departments that generated less than $600 in 2022

**SELECT Department**

**FROM ITEMS**

**LEFT JOIN SALES ON ITEMS.Item\_id = SALES.Item\_id**

**WHERE EXTRACT(YEAR FROM SALES.Date) = 2022**

**GROUP BY Department**

**HAVING SUM(Revenue) < 600;**

**5.** What is the most and least revenue we have generated by an order

-- Most Revenue

**SELECT MAX(Revenue) AS MaxRevenue**

**FROM SALES;**

-- Least Revenue

**SELECT MIN(Revenue) AS MinRevenue**

**FROM SALES;**

6. What were the orders that were purchased in our most lucrative order

Step 1:

**SELECT Order\_id, MAX(Revenue) AS MaxRevenue**

**FROM SALES;**

Step 2:

**SELECT \***

**FROM SALES**

**WHERE Order\_id = [The Order\_id with the highest revenue];**