

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

```
SELECT COUNT(*) AS TotalCompletedOrders
FROM orders
WHERE DATE(completion_date) = '2023-03-18';
```

2. Pull 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 Orders
WHERE
    DATE(CompletionDate) = '2023-03-18'
    AND FirstName = 'John'
    AND LastName = 'Doe';
```

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

```
SELECT
    COUNT(DISTINCT CustomerID) AS TotalCustomers,
    AVG(AmountSpent) AS AverageAmountSpent
FROM
    Transactions
WHERE
    TransactionDate >= '2023-01-01'
    AND TransactionDate < '2023-02-01';
```

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

```
SELECT DepartmentName, SUM(Revenue) AS TotalRevenue
FROM Departments
WHERE YEAR(RevenueDate) = 2022
GROUP BY DepartmentName
HAVING SUM(Revenue) < 600;
```

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

```
SELECT
    MAX(OrderRevenue) AS MaxRevenue,
    MIN(OrderRevenue) AS MinRevenue
FROM Orders;
```

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

```
SELECT *
FROM Orders
WHERE OrderRevenue = (SELECT MAX(OrderRevenue) FROM Orders);
```