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

```
SELECT COUNT(*) AS TotalOrders
FROM SALES
WHERE 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 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 total number of customers that purchased in January 2023 and the average amount spend per customer.

```
SELECT COUNT(DISTINCT Customer_id) AS TotalCustomers,
      AVG(Revenue) AS AverageSpendPerCustomer
FROM SALES
WHERE Date BETWEEN '2023-01-01' AND '2023-01-31';
```

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

```
SELECT department
FROM ITEMS
WHERE Item_id IN (
   SELECT Item_id
   FROM SALES
   WHERE Date BETWEEN '2022-01-01' AND '2022-12-31'
   GROUP BY Item_id
   HAVING SUM(Revenue) < 600
);
```

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

```
SELECT MAX(Revenue) AS MaxRevenue,
      MIN(Revenue) AS MinRevenue
FROM SALES;
```

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

```
SELECT *
FROM SALES
WHERE Revenue = (
   SELECT MAX(Revenue)
   FROM SALES
);
```