1. Total number of orders on 18th March 2023

```
SELECT COUNT(DISTINCT Order_id) AS total_orders
FROM SALES
WHERE Date = '2023-03-18';
```

2. Orders on 18th March 2023 by 'John Doe'

```
SELECT COUNT(DISTINCT S.Order_id) AS total_orders
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. Customers in January 2023 & average spend

```
SELECT COUNT(DISTINCT S.Customer_id) AS total_customers,
    AVG(S.Revenue) AS average_spending
FROM SALES S
WHERE S.Date BETWEEN '2023-01-01' AND '2023-01-31';
```

4. Departments with less than $600 in 2022

```
SELECT I.Department, SUM(S.Revenue) AS total_revenue
FROM SALES S
JOIN ITEMS I ON S.Item_id = I.Item_id
WHERE S.Date BETWEEN '2022-01-01' AND '2022-12-31'
GROUP BY I.Department
HAVING total_revenue < 600;
```

5. Most and least revenue generated by an order

```
SELECT MAX(Revenue) AS max_revenue, MIN(Revenue) AS min_revenue
FROM SALES;
```

6. Items in the most lucrative order

```
SELECT Item_id, Quantity
FROM SALES
WHERE Order_id = (
   SELECT Order_id
   FROM SALES
   ORDER BY Revenue DESC
   LIMIT 1
);
```