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

SELECT COUNT(\*) as total\_orders

FROM SALES

WHERE Date = “03-18-2023”

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 total\_orders\_JD

FROM SALES as s

INNER JOIN CUSTOMERS as c

ON s.Customer\_id = c.Customer\_id

WHERE s.Date = “18th March 2023”

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 total\_customers,

AVG(Revenue) as avg\_spend

FROM SALES

WHERE Date LIKE “01-%%-2023”

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

SELECT i.department.

SUM(s.revenue) as rev

FROM ITEMS as i

RIGHT JOIN SALES as s

ON i.ITEMS\_id = s.SALES

WHERE s.Date LIKE “%%-%%-2022”

HAVING rev < 600

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

SELECT MAX(revenue) as max\_rev,

MIN(revenue) as min\_rev

FROM SALES

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

SELECT Order\_id,

Quantity

FROM SALES

ORDER BY Quantity