Use the following tables to work on the following prompts

TABLE INFO :

SALES – Date, Order\_id, Item\_id, Customer\_id, Quantity, Revenue

ITEMS – Item\_id, Item\_name, price, department

CUSTOMERS- customer\_id, first\_name, last\_name, Address

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

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

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

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

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

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

1.

SELECT COUNT(Order\_id)

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(a.Order\_id)

FROM SALES as a

JOIN CUSTOMERS as b

ON a.Customer\_id = b.Customer\_id

WHERE a.Date = ‘2023-03-18’ AND b.first\_name = ‘John’ AND b.last\_name = ‘Doe’;

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

SELECT COUNT(DISTINCT s.Customer\_id) AS Total\_customers, AVG(s.Revenue) AS Average\_spend\_per\_customer

FROM SALES as s

WHERE s.Date BETWEEN '2023-01-01' AND '2023-01-31';

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

SELECT DISTINCT i.department

FROM SALES as s

JOIN ITEMS as i ON s.Item\_id = i.Item\_id

WHERE YEAR(s.Date) = 2022

GROUP BY i.department

HAVING SUM(s.Revenue) < 600;

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

SELECT MAX(Revenue) AS Maximum\_revenue, MIN(Revenue) AS Minimum\_revenue

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

);