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

SELECT COUNT(DISTINCT Order\_id) AS Total\_Orders

FROM SALES

WHERE Date = '2023-03-18';

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

1. 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 Average\_Spending

FROM SALES

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

1. Pull the departments that generated 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 YEAR(S.Date) = 2022

GROUP BY I.department

HAVING Total\_Revenue < 600;

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

SELECT MAX(Revenue) AS Max\_Revenue, MIN(Revenue) AS Min\_Revenue

FROM SALES;

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

SELECT Order\_id, Item\_id, Quantity, Revenue

FROM SALES

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