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100 Coding Problems



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100 DAY CODING PROBLEMS

Step - 1 : Problem Statement

 **Problem Statement:**

4 - PREMIUM CUSTOMERS

An e-commerce company want to start special reward program for their premium customers. The customers who have placed a greater number of orders than the average number of orders placed by customers are considered as premium customers.

Write an SQL to find the list of premium customers along with the number of orders placed by each of them, display the results in highest to lowest no of orders.

 **Difficult Level : Medium**

NAMASTE SQL - DAY 16

Step - 2 : Identifying The Input Data And Expected

INPUT

ORDER_ID	ORDER_DATE	CUSTOMER_NAME	SALES
1	2023-01-01	Alexa	2000
2	2023-01-02	Alexa	300
3	2023-01-03	Alexa	1100
4	2023-01-03	Alexa	1350
5	2023-01-01	Ramesh	3500
6	2023-01-02	Ramesh	1600
7	2023-01-03	Ramesh	1100
8	2023-01-03	Neha	1200
9	2023-01-03	Subhash	1000
10	2023-01-03	Subhash	1050

OUTPUT

CUSTOMER_NAME	NO_OF_ORDERS
Alexa	4
Ramesh	3

Step - 3 : Writing the sql query to solve the

```
SELECT customer_name
      ,count(order_id) AS no_of_orders
FROM orders
GROUP BY customer_name
HAVING no_of_orders ≥ (
      SELECT (count(order_id) / (count(DISTINCT customer_name)))
      FROM orders
      )
ORDER BY no_of_orders DESC
```



Save

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