

DAY 16: LEFT JOIN

LEFT JOIN returns all matched and unmatched rows from the left table. It can also be written as Left Outer Join.

```
/*Write a query to retrieve all customers and their orders.*/
SELECT *
FROM customers AS CU
LEFT JOIN orders AS ORD
USING(customer_id);

/*Write a query to retrieve customer information, the total number of orders they have placed,
and the total amount they have spent on orders*/
SELECT contact_name, job_title, COUNT(DISTINCT ORD.order_id) AS order_num, SUM(unit_price * quantity) AS
total_amount
FROM customers AS CU
LEFT JOIN orders AS ORD
USING(customer_id)
LEFT JOIN order_details AS OD
ON ORD.order_id = OD.order_id
GROUP BY contact_name, job_title
ORDER BY order_num DESC;

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```