

Example Data and Results

Consider the following example data:

`orders` table:


orderNumber	orderDate	customerNumber
10100	2023-01-01	1001
10101	2023-01-02	1002
10102	2023-01-03	1003

`customers` table:

customerNumber	customerName
1001	Alice
1002	Bob
1004	Charlie

`INNER JOIN` Result

sql

 Copy code

```
SELECT *  
FROM orders T1  
INNER JOIN customers T2  
ON T1.customerNumber = T2.customerNumber;
```


Result:

orderNumber	orderDate	customerNumber	customerName
10100	2023-01-01	1001	Alice
10101	2023-01-02	1002	Bob

- Only rows with **`customerNumber`** 1001 and 1002 appear, as these are the only matches between **`orders`** and **`customers`**.

`LEFT JOIN` Result

sql

 Copy code

```
SELECT *  
FROM orders T1  
LEFT JOIN customers T2  
ON T1.customerNumber = T2.customerNumber;
```

Result:

orderNumber	orderDate	customerNumber	customerName
10100	2023-01-01	1001	Alice
10101	2023-01-02	1002	Bob
10102	2023-01-03	1003	NULL

- All rows from the `orders` table are included.
- For `orderNumber` 10102, there is no matching `customerNumber` 1003 in the `customers` table, so `customerName` is `NULL`.