

Example-1

Employee Table

Id	Name	Age	City	Salary
1	Rohan	30	Mumbai	50000
2	Mohan	35	Pune	30000
3	Kriti	40	Mohali	75000
4	Riran	25	Patana	35000
5	Meenal	40	Mumbai	750000

Project Table

Project_No	Id	Department
101	1	Testing
102	2	Development
103	3	Designing
104	4	Development

- 1) Gives only employees who are assigned to projects.
- 2) Shows all employees, even if they are not assigned to a project.
- 3) Shows all employees, even if they are not assigned to a project.
- 4) Shows all projects, even if no employee is assigned.
- 5) Shows all employees and all projects (even if no match).

Example-2

Customers Table

Cust_Id	Cust_Name	City
1	Amit	Delhi
2	Priya	Mumbai
3	John	Pune
4	Meena	Chennai

Orders Table

Order_Id	Cust_Id	Product
101	1	Laptop
102	2	Mobile
103	2	Tablet
104	5	Headphone

CROSS JOIN

(All possible combinations → 4 customers × 4 orders = 16 rows)

INNER JOIN

(Customers who placed orders)

LEFT JOIN

(All customers, even if no orders)

RIGHT JOIN

(All orders, even if customer not found)

FULL OUTER JOIN

(All customers + all orders)