| **Join Type** | **SQL Query** | **Example** | **Description** |
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| INNER JOIN | **SELECT \* FROM table1 INNER JOIN table2 ON table1.column = table2.column;** | **SELECT \* FROM employees INNER JOIN departments ON employees.department\_id = departments.id;** | Returns only the rows that have matching values in both tables. |
| LEFT JOIN | **SELECT \* FROM table1 LEFT JOIN table2 ON table1.column = table2.column;** | **SELECT \* FROM departments LEFT JOIN employees ON departments.id = employees.department\_id;** | Returns all rows from the left table and the matched rows from the right table. |
| RIGHT JOIN | **SELECT \* FROM table1 RIGHT JOIN table2 ON table1.column = table2.column;** | **SELECT \* FROM employees RIGHT JOIN departments ON employees.department\_id = departments.id;** | Returns all rows from the right table and the matched rows from the left table. |
| FULL OUTER JOIN | **SELECT \* FROM table1 FULL OUTER JOIN table2 ON table1.column = table2.column;** | Not supported directly in MySQL, but can be simulated using UNION | Returns all rows from both tables, with NULL values where there is no match. |
| CROSS JOIN | **SELECT \* FROM table1 CROSS JOIN table2;** | **SELECT \* FROM table1 CROSS JOIN table2;** | Returns the Cartesian product of the two tables, resulting in all possible combinations of rows. |