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JOINS

JOINS are used to retrieve data from multiple tables. It is performed whenever two or more tables are joined in a SQL statement.

TYPES

- INNER JOIN (or sometimes called simple join)

- LEFT OUTER JOIN (or sometimes called LEFT JOIN)

- RIGHT OUTER JOIN (or sometimes called RIGHT JOIN)

- FULL OUTER JOIN (or sometimes called FULL JOIN)

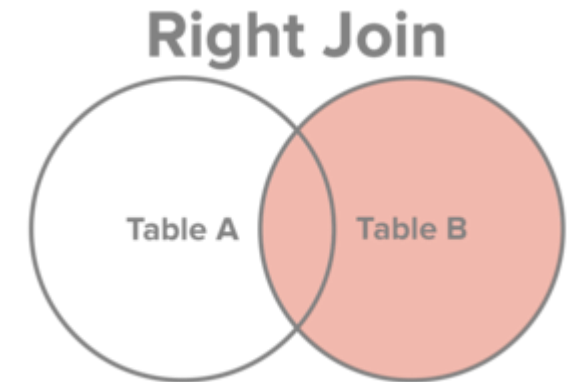- CROSS JOIN (or sometimes called CARTESIAN JOIN)

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RIGHT JOIN

The **RIGHT JOIN** returns all rows from the right table, even if there are no matches in the left table.

Syntax

SELECT table1.column1, table2.column2...
FROM table1
RIGHT JOIN table2
ON table1.common_field = table2.common_field;

Right Join

Table A   Table B

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RIGHT JOIN

The **RIGHT JOIN** returns all rows from the right table, even if there are no matches in the left table.

Example

```
SELECT
        a.order_line ,
        a.product_id,
        a.customer_id,
        a.sales,
        b.customer_name,
        b.age
FROM sales_2015 AS a
RIGHT JOIN customer_20_60 AS b
ON a.customer_id = b.customer_id
ORDER BY customer_id;
```


Right Join

Table A   Table B

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