

SQL JOINS Cheat Sheet

Example Tables

Students Table	
student_id	name
1	Alice
2	Bob
3	Carol
4	David

Scores Table	
student_id	score
1	85
2	92
4	78
5	88

INNER JOIN

Returns only rows present in both tables.

name	score
Alice	85
Bob	92
David	78

LEFT JOIN

All rows from left table + matched rows from right.

name	score
Alice	85
Bob	92
Carol	NULL
David	78

RIGHT JOIN

All rows from right table + matched rows from left.

name	score
Alice	85
Bob	92
David	78
NULL	88

FULL JOIN

All rows from both tables.

name	score
Alice	85
Bob	92
Carol	NULL
David	78
NULL	88

CROSS JOIN

Cartesian product of both tables.

name	score
Alice	85
Alice	92
Alice	78
Alice	88
Bob	85
...	...

SELF JOIN

A table joins with itself.

employee	manager
John	NULL
Mike	John
Sara	John