

SQL Cheat Sheet

1. Basic Commands

SELECT * FROM employees;

SELECT name, age FROM employees;

SELECT DISTINCT department FROM employees;

SELECT * FROM employees WHERE age > 30;

SELECT * FROM employees ORDER BY age DESC;

SELECT * FROM employees LIMIT 5;

2. WHERE Clause Operators

= -> age = 30

!= or <> -> name != 'John'

> < >= <= -> salary >= 50000

BETWEEN -> age BETWEEN 25 AND 35

LIKE -> name LIKE 'J%'

IN -> department IN ('HR', 'IT')

IS NULL -> address IS NULL

3. JOINS

INNER JOIN: SELECT * FROM A INNER JOIN B ON A.id = B.id;

LEFT JOIN: SELECT * FROM A LEFT JOIN B ON A.id = B.id;

RIGHT JOIN: SELECT * FROM A RIGHT JOIN B ON A.id = B.id;

FULL OUTER JOIN: Use UNION for some DBMSs.

4. GROUP BY and Aggregates

SELECT department, COUNT(*) AS total

FROM employees