

# Cheat Sheet de SQL - Comandos

## CHEAT SHEET DE SQL - COMANDOS

### 1. Comandos básicos

```
SELECT columnas FROM tabla;
```

```
SELECT * FROM tabla WHERE columna = valor;
```

```
SELECT * FROM tabla ORDER BY columna ASC;
```

```
SELECT DISTINCT columna FROM tabla;
```

### 2. Inserción

```
INSERT INTO tabla (col1, col2, col3) VALUES (v1, v2, v3);
```

### 3. Actualización

```
UPDATE tabla SET columna = valor WHERE condicion;
```

### 4. Eliminación

```
DELETE FROM tabla WHERE condicion;
```

### 5. Crear tabla

```
CREATE TABLE tabla (
    id INTEGER PRIMARY KEY,
    nombre TEXT,
    edad INT
);
```

### 6. Modificar tabla

```
ALTER TABLE tabla ADD COLUMN nueva_columna TEXT;
```

### 7. Borrar tabla

```
DROP TABLE tabla;
```

### 8. Funciones de agregación

```
COUNT(col), SUM(col), AVG(col), MIN(col), MAX(col)
```

### 9. Group By

```
SELECT columna, COUNT(*) FROM tabla GROUP BY columna HAVING COUNT(*) > 5;
```

## 10. Joins

INNER JOIN, LEFT JOIN, RIGHT JOIN, FULL OUTER JOIN

## 11. Orden y límite

SELECT \* FROM tabla ORDER BY columna DESC LIMIT 10 OFFSET 20;

## 12. Operadores

= <> > >= < <= AND OR NOT BETWEEN IN LIKE

## 13. Funciones de texto

LENGTH(col), UPPER(col), LOWER(col), SUBSTR(col,1,4), TRIM(col)

## 14. Funciones matemáticas

POWER(x,y), SQRT(x), ABS(x), ROUND(x,n), FLOOR(x), CEIL(x)

## 15. Subconsultas

SELECT \* FROM tabla WHERE columna IN (SELECT columna FROM otra\_tabla);