

SQL Cheat Sheet

WHERE: CONDICIONES

Sintaxis básica

```
SELECT column1, column2 FROM  
table_name WHERE condicion;
```

Con varias condiciones

```
SELECT * FROM table_name WHERE  
condicion1 AND condicion2 ;
```

```
SELECT * FROM table_name WHERE  
condicion1 OR condicion2 ;
```

```
SELECT * FROM table_name WHERE  
condicion1 AND (condicion2 OR  
condicion3);
```

AND	cond1	cond2	OR
	true	true	
	true	false	
	false	true	
	false	false	

OPERADORES LÓGICOS

=

!=

>

<

>=

<=

WHERE: CONDICIONES

Condiciones básicas

```
column_name = 'Uno'  
column_name > 10  
column_name <= '2019-01-01'
```

Operador in

```
column_name IN (val1,val2, ...)  
column_name NOT IN (val3,val4)
```

Operador like

```
column_name LIKE '%AZUL%'  
column_name LIKE 'BORD%'
```

Between: rango

```
column_name between val1 and val2
```

Valores nulos

```
column_name IS NULL  
column_name IS NOT NULL
```

Resultado de una función

```
column_name = SysDate()  
substr(col1,1,2) = 'abc'
```

Eliminar duplicados

```
SELECT DISTINCT column_name  
FROM TABLA;
```

GROUP BY

```
SELECT  
col1,col2,count(*)  
FROM TABLA  
GROUP BY col1,col2  
HAVING count(*)>1;
```

Funciones

max,min,avg,sum,
count(*)

Having filtra consultas agrupadas.

UNION - UNION ALL

Condiciones:

- mismo número de columnas.
- mismo orden de las columnas.
- mismo tipo de columnas.

Union

selecciona
valores
distintos

```
Select col1, col2  
from tabla1
```

union / union all

Union all

permite
valores
duplicados

```
Select col3, col4  
from tabla2
```

SQL Cheat Sheet

WHERE: CONDICIONES

Delete

Eliminar registros de la tabla.

```
DELETE FROM table_name  
WHERE condition;
```

Insert

Agregar registros a una tabla.

```
INSERT INTO table_name (col1, col2)  
VALUES (val1, val2);
```

```
INSERT INTO table_name  
VALUES (val1, val2 ...);
```

```
INSERT INTO table_name  
VALUES (val1, val2 ...)  
SELECT col1,col2 From TABLA;
```

Update

Modificar valores de una tabla

```
UPDATE table_name  
SET col1 = val1, col2 = val2  
WHERE condition;
```

ASIGNACIÓN DE NOMBRE

AS

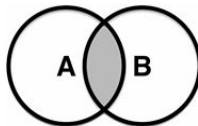
```
SELECT COL1 AS NAME1, ...  
... FROM TABLA1 AS NAME1
```

CREATE VIEWS

```
CREATE VIEW VIEW1 AS  
SELECT COL1,COL2 FROM TABLA WHERE...
```

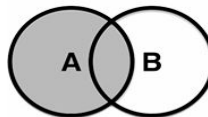
JOINS (inner, left y right)

Inner Join



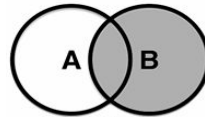
```
SELECT a.col1, a.col2, b.col3  
FROM TABLA_A as A  
INNER JOIN TABLA_B AS B  
ON a.col1=b.col1
```

Left Join



```
SELECT a.col1, a.col2, b.col3  
FROM TABLA_A as A  
LEFT JOIN TABLA_B AS B  
ON a.col1=b.col1
```

Right Join



```
SELECT a.col1, a.col2, b.col3  
FROM TABLA_A as A  
RIGHT JOIN TABLA_B AS B  
ON a.col1=b.col1
```

TOP - LIMIT

Limita la cantidad de resultados a retornar

```
SELECT TOP number  
col1,col2  
FROM tabla  
WHERE condicion;
```

```
SELECT col1,col2  
FROM tabla  
WHERE condicion  
LIMIT number;
```

FUNCIONES

Extraer caracteres

substr(col1,val_ini,val_fin)

Mayusculas y Minusculas

upper(),lower()
trunc(colfecha),date()

Concatenar valores

concat(val1,val2,'-',val3))

Cantidad de caracteres

len(val1)

Fecha Actual

SysDate(),
Now()

Formato de Fechas

DATE_FORMAT(date, format)