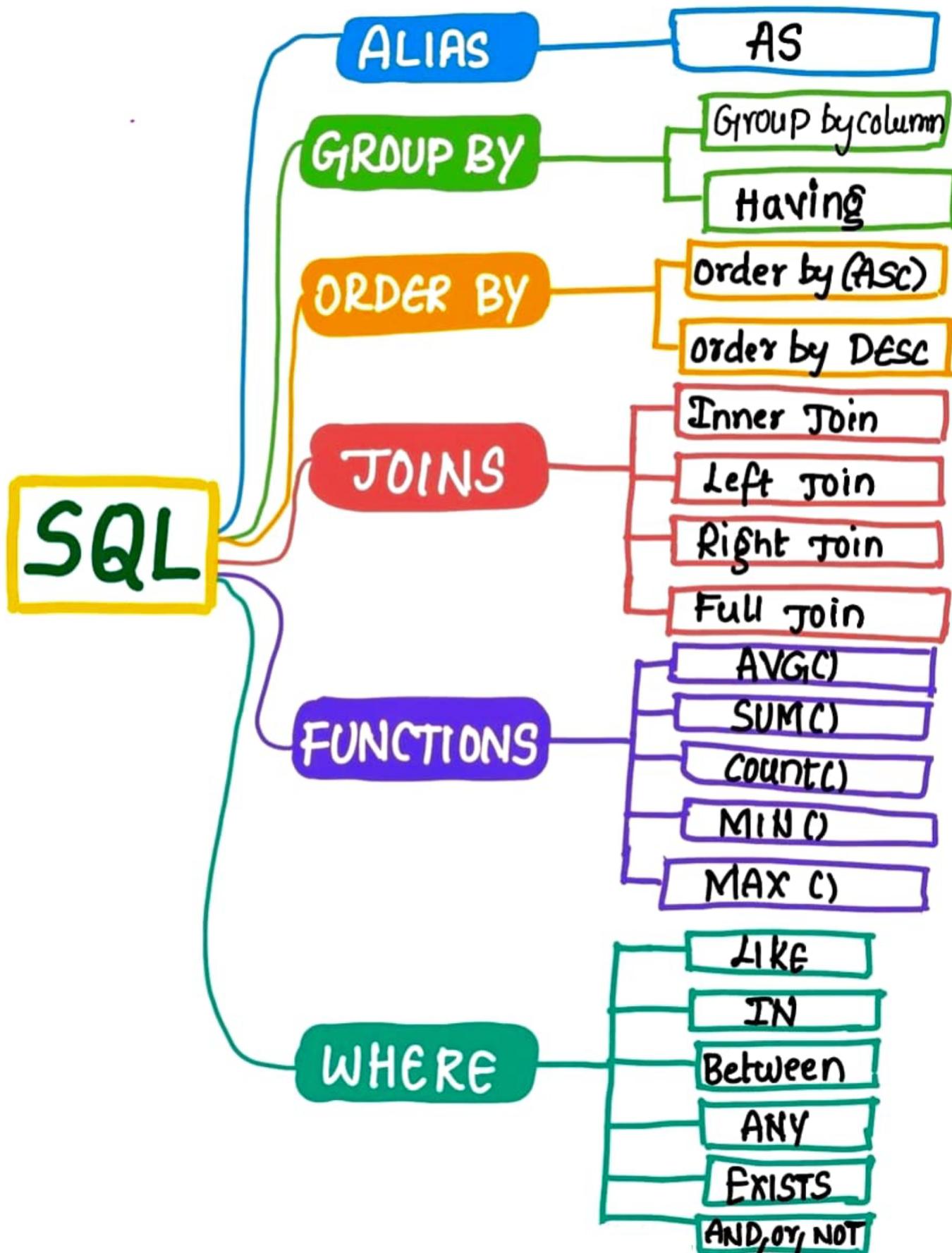


SQL ZERO TO HERO!



ALIAS

AS

Example :

An Alias is created with 'AS' Keyword.

```
SELECT column_name AS alias_name  
FROM table_name;
```

GROUP BY

⇒ GROUP BY COLUMN

Example :

```
SELECT column_name(s)  
FROM table_name  
WHERE condition  
GROUP BY column_name(s)  
ORDER BY column_name(s);
```

⇒ Having

Example :

```
SELECT column_name(s)  
FROM table_name  
WHERE condition  
GROUP BY column_name(s)  
HAVING condition  
ORDER BY column_name(s);
```

ORDER By

⇒ ORDER BY (ASC) or ORDER BY DES

The order by keyword is used to Sort the result-set in ascending or descending order

Example:

```
SELECT column1, column2, ....  
FROM table-name  
ORDER BY column1, column2, .... Asc/Des;
```

JOINS

⇒ INNER JOIN

This keyword Selects that have matching values in both tables

Example: SELECT column_name(s)
FROM table1
INNER JOIN table2
ON table.column_name=table2.column_name;

⇒ LEFT JOIN

Example: SELECT column_name(s)
FROM table1
LEFT JOIN table2

→ **RIGHT JOIN**

Example: `SELECT column_name(s)`

`FROM table1`

`RIGHT JOIN table2`

`ON table1.Column_name = table2.Column_name;`

→ **FULL JOIN**

Example: `SELECT column_name(s)`

`FROM table1`

`FULL outer join table2`

`ON table1.Column_name = table2.Column_name;`

`WHERE Condition`

FUNCTIONS

→ **AVG ()**

`SELECT AVG(column_name)`

Example:

`FROM table_name`

`WHERE Condition;`

→ **SUM ()**

`SELECT SUM(column_name)`

`FROM table_name`

`WHERE Condition;`

→ **COUNT ()**

`SELECT COUNT(Product ID)`

`FROM Products;`

Example:

⇒ **MIN ()**

Example :

```
SELECT MIN(column_name)
FROM table_name
WHERE condition;
```

⇒ **MAX ()**

Example :

```
SELECT MAX(column_name)
FROM table_name
WHERE condition;
```

WHERE

⇒ **LIKE**

Example :

```
SELECT column1, column2, ...
FROM table_name
WHERE columnN LIKE Pattern
```

⇒ **IN**

Example :

```
SELECT column_name(s)
FROM table_name
WHERE column_name IN
    (value1, value2, ...);
```

⇒ **BETWEEN**

Example :

```
SELECT column_name
FROM table_name
WHERE column_name BETWEEN
    value1 AND value2;
```

⇒ **ANY**

Example :

```
SELECT column_name(s)
FROM table_name
WHERE column_name
    Operator ANY
    (SELECT column_name
    FROM table_name)
```

⇒ **Exists**

Example:

SELECT column_name(s)
FROM table_name
WHERE EXISTS

SELECT column_name FROM table_name
WHERE condition);

⇒ **ALL**

Example:

SELECT ALL column_name(s)
FROM table_name
WHERE condition;

⇒ **AND**

Example:

SELECT column1, column2, ...
FROM table_name
WHERE condition1 AND condition2 AND condition3...;

⇒ **OR**

Example:

SELECT column1, column2, ...
FROM table_name
WHERE condition1 OR condition2 OR condition3...;

⇒ **NOT**

Example:

SELECT column1, column2, ...
FROM table_name
WHERE NOT condition;



Follow Me

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PS: Remembers these are just introduction of advanced journey of SQL.
There's always more to learn and explore so keep coding and keep growing !

