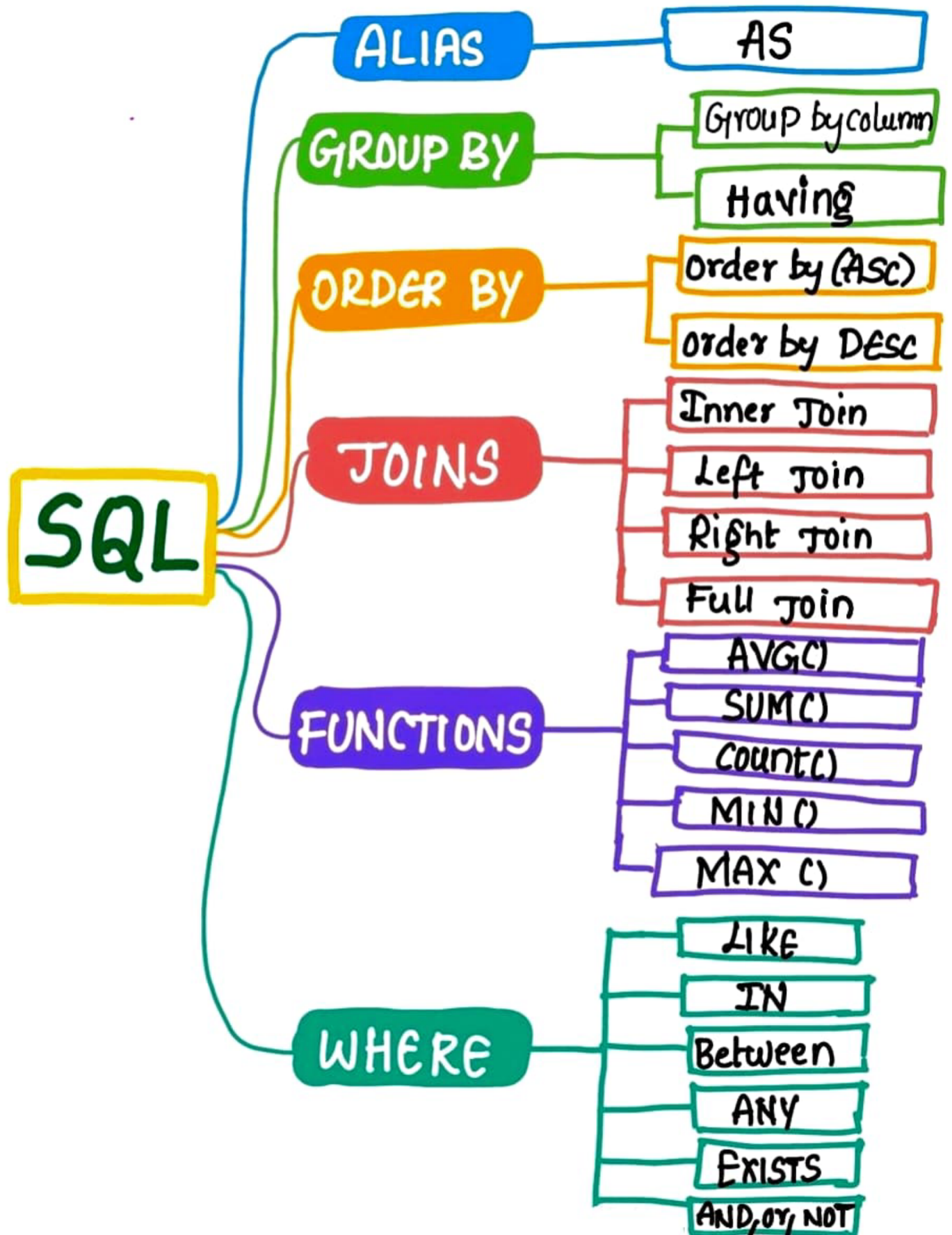


SQL ZERO TO HERO!



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 table1.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 table 1
RIGHT JOIN table 2
ON table1.column_name = table 2.column_name;

⇒ FULL JOIN

Example: SELECT column_name(s)
FROM table 1
FULL outer JOIN table 2
ON table1.column_name = table 2.column_name;
WHERE condition

FUNCTIONS

⇒ **AVG ()** SELECT AVG(column_name)
Example: FROM table_name
WHERE condition;

⇒ **SUM ()** SELECT SUM(column_name)
Example: FROM table_name
WHERE condition;

⇒ **COUNT ()** SELECT (Product ID)
Example: FROM Products;

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

Example :

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

Example :

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;
```



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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 !

