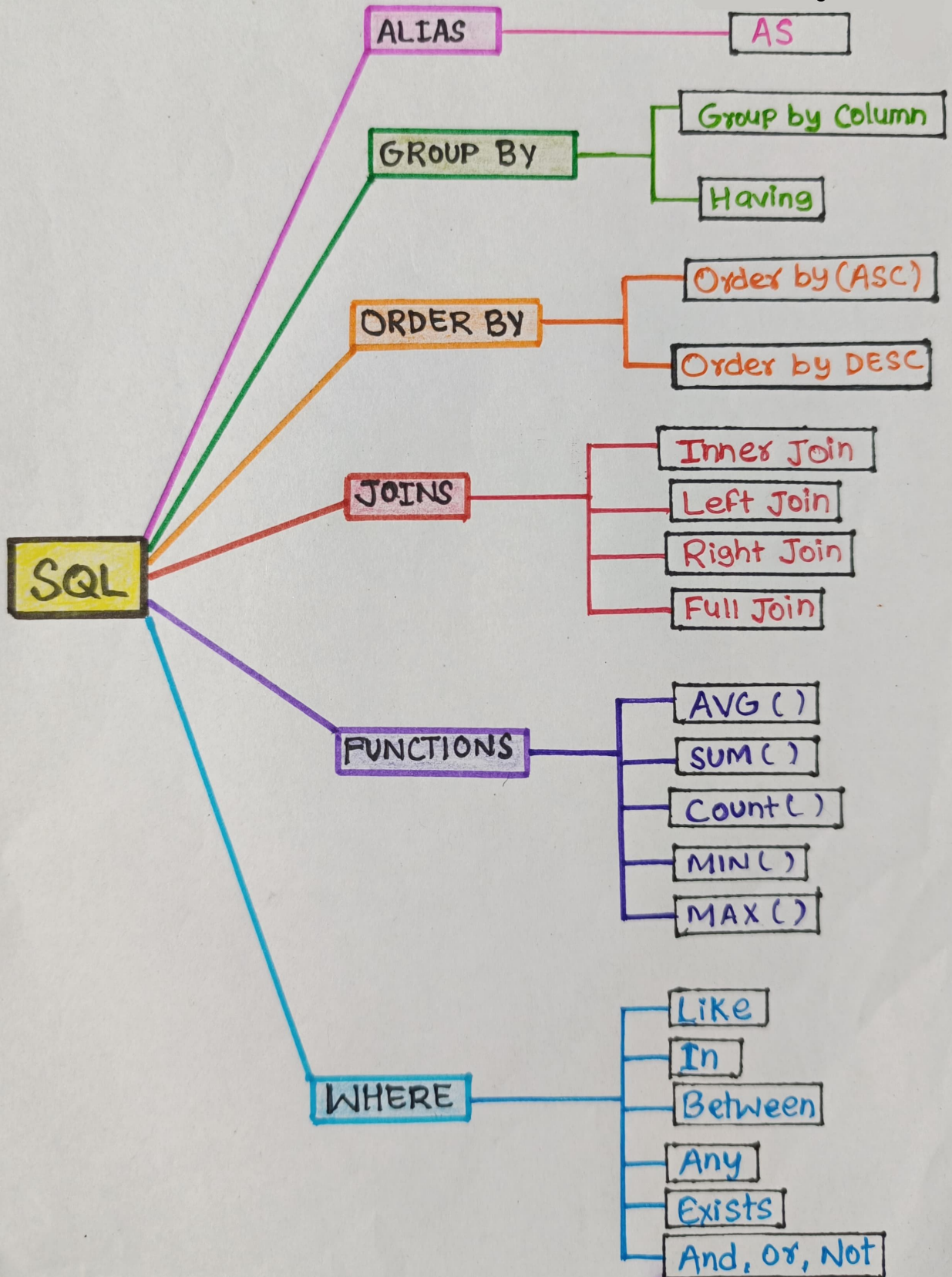


SQL Zero to Hero

ATUL KUMAR (LINKEDIN)

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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);
```

NOTES GALLERY (TELEGRAM)

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⇒ 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 Column 1, Column 2, ....  
FROM table_name  
ORDER BY column 1, column 2, .... ASC/DES;
```

JOINS

⇒ **INNER JOIN**

This keyword selects that have matching values in both tables

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Example:

```
SELECT Column_name(s)  
FROM table 1  
INNER JOIN table 2  
ON table.column_name = table 2.column_name ;
```

⇒ **LEFT JOIN**

Example:

```
SELECT Column_name(s)  
FROM table 1  
LEFT JOIN table 2
```

⇒ RIGHT JOIN

Example: SELECT column_name(s)
FROM table 1
RIGHT JOIN table 2
ON table 1. Column_name = table 2.
Column_name;

⇒ FULL JOIN

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

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FUNCTIONS

⇒ AVG()

Example:

SELECT AVG(column_name)
FROM table_name
WHERE condition;

⇒ SUM()

Example:

SELECT SUM(column_name)
FROM table_name
WHERE condition;

⇒ COUNT()

Example:

SELECT (Product ID)
FROM Products;

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

Example:

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

Example:

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WHERE

⇒ **LIKE** Example:
SELECT Column 1, Column 2...
FROM table_name
WHERE Column LIKE Pattern

⇒ **IN** Example:
SELECT Column_name(s)
FROM table_name
WHERE column_name IN
(value 1, value 2, ...);

⇒ **BETWEEN** Example:
SELECT Column_name
FROM table_name
WHERE Column_name BETWEEN
value 1 AND value 2;

⇒ **ANY** Example:
SELECT Column_name(s)
FROM table_name
WHERE column_name
operator ANY
(SELECT Column_name
FROM table_name

⇒ **Exists** SELECT column_name(s)
FROM table_name
WHERE Exists
SELECT column_name FROM table_name
WHERE (condition);

⇒ **ALL** SELECT ALL column_name(s)
FROM table_name
WHERE condition;

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⇒ **AND** Example: SELECT Column 1, Column 2, ...
FROM table_name
WHERE Condition 1 AND Condition 2 AND
Condition 3;

⇒ **OR** Example: SELECT Column 1, Column 2, ...
FROM table_name
WHERE condition 1 OR Condition 2 OR
Condition 3 ...;

⇒ **NOT** Example: SELECT Column 1, Column 2, ...
FROM table_name
WHERE NOT Condition;

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