LET'S START WITH SQL :)

Operators in SQL

To perform operations on data in SQL we use operators.
QUERY : **SELECT col1 col2 FROM tableName WHERE condition(use operator);**

Types of operators in SQL:

- **Arithmetic Operators :** addition (+) ,subtraction (–), multiplication (*), division (/) , modulus (%)

QUERY : **SELECT * FROM employee WHERE age+1 =60;**

LET'S START WITH SQL :)

Operators in SQL

- **Comparison Operators** : equal to (=) , not equal to (<> or !=) , greater than (>) less than (<), greater than or equal to (>=), less than or equal to (<=)

QUERY : **SELECT * FROM employee WHERE age > 20;**

LET'S START WITH SQL :)

Operators in SQL

- **Logical Operators**

1. **AND** : It combines two conditions and returns true if both are true

QUERY: **SELECT * FROM employee WHERE city= 'Pune' AND age > 18;**

2. **OR** : It combines two conditions and returns true if either is true

QUERY: **SELECT * FROM employee WHERE city= 'Pune' OR age > 18;**

3. **NOT**: It reverses the result of a condition, returns true if the condition is false

QUERY: **SELECT * FROM employee WHERE department NOT IN ('IT', 'HR');**

LET'S START WITH SQL :)

Operators in SQL

- **IN Operator :** IN(Checks if a value matches in a list of values)

QUERY : **SELECT * FROM employee WHERE department IN ('IT', 'HR');**

- **IS NULL / IS NOT NULL Operators** : IS NULL (checks for null values) , IS NOT NULL(checks for not null values)

QUERY : **SELECT * FROM employee WHERE department IS NOT NULL;**

- **Bitwise Operators:** AND(&), OR(|)

LET'S START WITH SQL :)

Operators in SQL

- **LIKE & Wildcard Operators :** LIKE operator is used to search for a specified pattern in a column. It uses wildcard operators for matching patterns.

  1. % (percent sign): It matches for any sequence of zero or more characters.

QUERY : **SELECT * FROM employee WHERE name LIKE 'A%';**

  2. _ (underscore): It matches for any single character.

QUERY : **SELECT * FROM employee WHERE name LIKE '_A%';**

LET'S START WITH SQL :)

Operators in SQL

- **BETWEEN Operator :** Checks if a value is within a range of values.

QUERY : **SELECT * FROM employee WHERE salary BETWEEN 1200 AND 1500;**