



SQL: LIKE OPERATOR ✓

- The **LIKE** operator is used in a WHERE clause to search for a specified pattern in a column.
- ✓ The **LIKE** operator is used to match string pattern values using two wildcard characters. ✓
- Wildcard Character: It is used to substitute one or more characters in a string. ✓
- There are two wildcards used in conjunction with the LIKE operator.
 - ✓ The percent sign (%): It represents zero, one or multiple characters. ||
 - ✓ The underscore (_): It represents only a single character.
- The percent sign (%) and the underscore (_) can also be used in combinations! ✓

Syntax:

```
✓ SELECT column1, column2, ... ✓  
FROM table_name ✓  
WHERE columnN LIKE pattern; ✓
```

Example 1:

It selects all Employees with a Name starting with "K"

```
SELECT * FROM Emp
WHERE Name LIKE "K%";
```



2	Kamal	25	Pune	1500.00
3	Karan	23	Pune	2000.00
6	Kajal	22	Bilaspur	4500.00

Example 2:

It selects all Employees with a Name that have "a" in second position

```
SELECT * FROM Emp
WHERE Name LIKE "_a%";
```



2	Kamal	25	Pune	1500.00
3	Karan	23	Pune	2000.00
5	Harsh	32	Mumbai	8500.00
6	Kajal	22	Bilaspur	4500.00
7	Mahi	24	Patna	10000.00

Example 3:

It selects all Employees with a Name starting with "M" and are at least 4 characters in length

```
SELECT * FROM Emp
WHERE Name LIKE "M____%";
```



7	Mahi	24	Patna	10000.00
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Example 4:

It selects all records from Emp where salary starts with 200

```
SELECT * FROM Emp
WHERE Salary LIKE "200%";
```



1	Rahul	32	Delhi	2000.00
3	Karan	23	Pune	2000.00

Examples : LIKE operator with wildcard operator (% , _):

LIKE Operator	Description
WHERE Name LIKE 'A%'	Finds any values that start with "A", Eg: Aman, Aakriti
WHERE Name LIKE '%a'	Finds any values that end with "a", Eg: Neha, Soma
WHERE Name LIKE '%oh%'	Finds any values that have "oh" in any position, Eg: Sohan, Mohan
WHERE Name LIKE '_r%'	Finds any values that have "r" in the second position, Eg: Priya, Priyesh
WHERE Name LIKE 'K____%'	Finds any values that start with "K" and are at least 5 characters in length, Eg: Kamal, Karan, Kajal
WHERE Name LIKE 'A__%'	Find, Eg: s any values that start with "A" and are at least 3 characters in length, Eg: Akl, Anu
WHERE Name LIKE 'A%N'	Finds any values that start with "A" and ends with "N", Eg: Aman, Raman