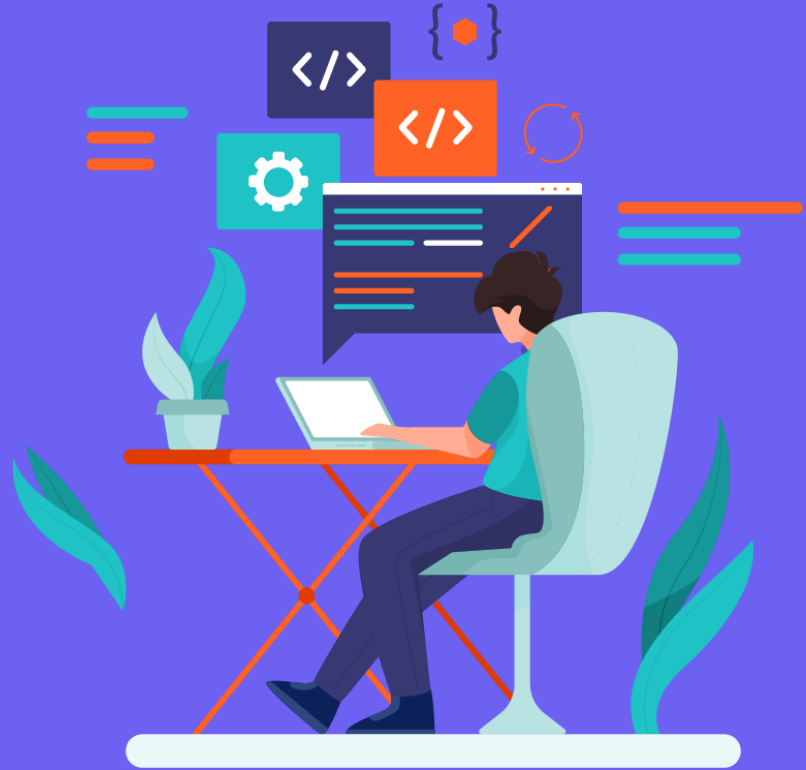


SQL

Relevel
by Unacademy



<u>and</u>		
<u>cond-1</u>	<u>cond-2</u>	<u>output</u>
→ True	True	True
True	false	False
False	True	False
False	False	False

<u>or</u>		
<u>cond-1</u>	<u>cond-2</u>	<u>output</u>
True	True	True ←
True	false	True ←
False	True	True ←
False	False	False

Remove all employees who work for dep. = 90 or dep = 10

	dep.

filter

(should not have any employee from dep-90/10)

Select *
from employee-data
where dep.id != 90 ~~or~~ dep.id != 10

emp-data

E.id	Name	Dep.id	Sal
E1	Aa	D1	22
E2	Ab	D1	21
E3	Ac	D2	19
E4	Ad	D1	18
E5	Ae	D2	17

Data which is the part of the table is case sensitive

```
{ Select *  
  from emp-data  
  where Dep.id = 'D1'
```

case-insensitive

case sensitive

or → If you want either of the condition to be True

IN operator

filter Employee id E1, E2 and E5

```
Select *  
from emp-data  
where E.id = 'E1'  
or E.id = 'E2' or E.id = 'E3';
```

```
Select *  
from emp-data  
where  
E.id in ('E1', 'E2', 'E3');
```

IN: filter a column on multiple values

dep.id in (90, 10, 50) → all those rows where depid is either 90, 10 or 50

not in: Exclude multiple values from a column

dep.id not in (90, 10, 50) → all rows except the rows where depid is 90, 10 and 50

Select *
from employee-data
where salary \geq 1000 and salary \leq 10,000

Select *
from employee-data
where salary between 1000 and 10000;

Like Operator

filter all employees whose name start with Letter 'A'

Select *

from employee-data

where first-name like 'A%';

pattern definition

should start with letter 'A'

like 'A%' → can have any character post 'A'

like '%A' → should end with letter 'A'

constant with no. of characters

Any two characters

like '--A' → end with 'A' → total no. of character are 3

place holder can hold only one character

should have 'A' in 3rd position

like '--A%' → can have any no. of characters

like '%A%'

character 'A' should be anywhere in the string.