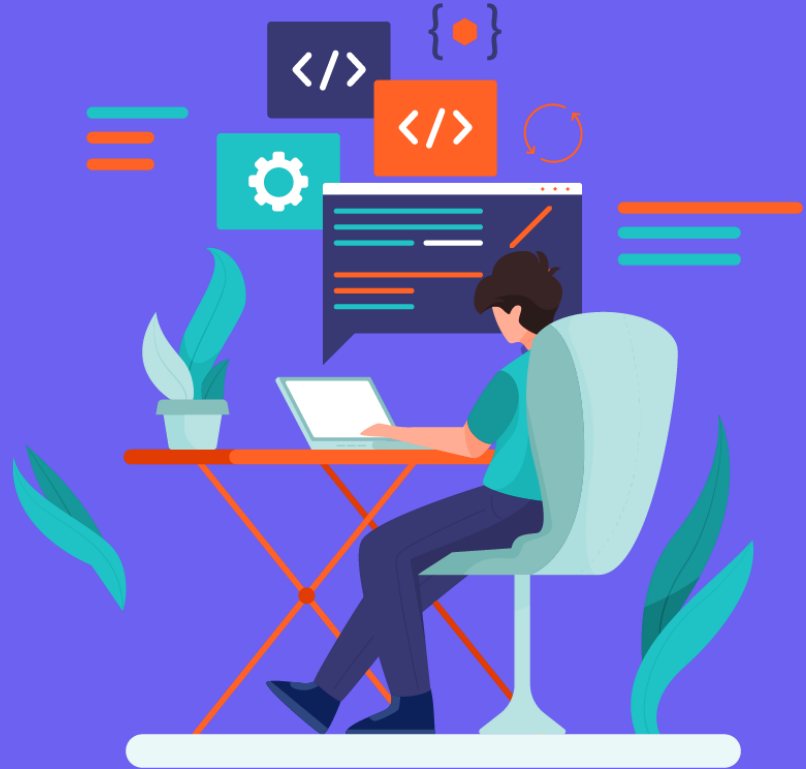


SQL

Relevel
by Unacademy



emp

Emp.id	Name	Sal	gender	Dep.id

grouped
the data
on two
columns

<u>dep.id</u>	<u>gender</u>	count
D1	M	
D1	F	
D2	M	
D2	F	
D3	M	
D3	F	

Select dep.id, gender, count(*)
from emp
group by dep.id, gender;

first the data will
be grouped on dep.id
followed by gender
=

Joining Multiple tables

emp

emp.id	Name	Sal	dep.id

a

⊕

dep

dep.id	dep.name	location-id

b

⊕

loc

location id	location name

c

```
Select *  
from emp a  
inner join dep b  
on a.dep.id = b.dep.id  
inner join loc c  
on b.location id = c.location id ;
```

<u>Emp</u>			
emp.id	name	sal	did
		✓	

a

<u>dep</u>		
did	dname	locid

b

<u>loc</u>		
locid	locname	c.id

c

<u>Country</u>	
c.id	c.name

d

```

Select *
from emp a
inner join dep b
on a.did = b.did
inner join loc c
on b.locid = c.locid
inner join country d
on c.cid = d.cid;

```

```

Select d.cname, avg(a.sal), count(*)
from emp a
inner join dep b
on a.did = b.did
inner join loc c
on b.locid = c.locid
inner join country d
on c.cid = d.cid
group by d.cname
having count(*) > 10;

```