**Group By & Having Clause:**

1. How many employees who are working in different departments wise in the organization
2. List out the department wise maximum salary, minimum salary, average salary of the employees
3. List out the job wise maximum salary, minimum salary, average salaries of the employees.
4. List out the no.of employees joined in every month in ascending order.

* SELECT DATE\_FORMAT(joindate, '%b') month, count(\*) from employee group by DATE\_FORMAT(joindate,'%b') order by month;

1. List out the no.of employees for each month and year, in the ascending order based on the year, month.

* Select DATE\_FORMAT(joindate,'%y') Year, DATE\_FORMAT(joindate,'%b') Month, count(\*) from employee group by DATE\_FORMAT(joindate,'%y'), DATE\_FORMAT(joindate,'%b');

1. List out the department id having atleast four employees.

* Select department\_id, count(\*) from employee group by department\_id having count(\*)>=4;

1. How many employees in January month.

* Select DATE\_FORMAT(joindate,'%b') month, count(\*) from employee group by DATE\_FORMAT(joindate,'%b') having month ='FEB';

1. How many employees who are joined in January or September month.

* Select DATE\_FORMAT(joindate,'%b') month, count(\*) from employee group by DATE\_FORMAT(joindate,'%b') having month in('FEB','DEC');

1. How many employees who are joined in 1985.

* Select DATE\_FORMAT(joindate,'%y') year, count(\*) from employee group by DATE\_FORMAT(joindate,'%y') having year in('85');

1. How many employees joined each month in 1985.

* Select DATE\_FORMAT(joindate,'%b') month,DATE\_FORMAT(joindate,'%y') year, count(\*) from employee group by DATE\_FORMAT(joindate,'%y') having year in('85');

1. How many employees who are joined in March 1985.

* Select DATE\_FORMAT(joindate,'%b') month,DATE\_FORMAT(joindate,'%y') year, count(\*) from employee group by DATE\_FORMAT(joindate,'%y') having year in('85')and month='MAR';

1. Which is the department id, having greater than or equal to 1 employees joined in April 1985.

* Select department\_id, count(\*) from employee where DATE\_FORMAT(joindate,'%y')=85 and DATE\_FORMAT(joindate,'%b')='FEB' group by DATE\_FORMAT(joindate,'%y'), DATE\_FORMAT(joindate,'%b'), department\_id having count(\*)>=1;