

30-11-2022
Wednesday

* Group By Clause :-

Group by clause is used to group the records.

* Syntax :-

Select Group by expression / group function
From table

[where filter condition]

Group by colⁿ name / Expression

* Order of execution :-

From

[Where < Row by Row >]

Group by < Row by Row >

Select < Group by Group >

e.g :-

① Wages number of employee working in each department.

Select Count(*), deptno

From Emp

Where

Group by Deptno ;

② Wages number of employee working in each department except analyst.

Select Count(*), deptno

From Emp

Where Job != 'ANALYST'

Group by Deptno ;

③ Max Sal given to each job.
Select Max(sal), Job
From Emp
Group by Job;

④ Wajid number of employee working in each department
if employee name has character 'A' in it
Select Count(*), deptno
From Emp
Where Fname like '%A%';
Group by deptno;

⑤ Wajid number of employee who's getting Commission
in each department
Select Count(*), ~~dept~~ deptno
From Emp
Where Comm is not null
Group by deptno;

★ ⑥ Wajid number of time sal present in employee
table
Select Count(sal)
From Emp
Group by sal;

~~Group~~ Note :-

- Group by clause used to group the records.
- After grouping records we get group.
- Group by clause execute row by row.
- After group by clause, any clause will execute that must be group by group.
- The colⁿ name is used for grouping records can be pass in select clause.
- Group clause can be executed with or without where clause.