

## GROUP BY CLAUSE

1] WAQTD MIN SALARY IN EACH DEPTNO.

MIN(SAL)	DEPTNO
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950	30
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800	20
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1300	10
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2] WAQTD AVERAGE SALARY OF EMP'S IN EACH JOB.

AVG(SAL)	JOB
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1037.5	CLERK
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1400	SALESMAN
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5000	PRESIDENT
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2758.33333	MANAGER
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3000	ANALYST
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3] WAQTD NUMBER OF EMP'S IN EACH DEPARTMENT IF THE EMP'S ARE EARNING MORE THAN RS.2000.

COUNT(*)	DEPTNO
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1	30
3	20
2	10

4] WAQTD NUMBER OF EMP'S WORKING IN EACH DEPT EXCEPT 'PRESIDENT'.

COUNT(*)	DEPTNO
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6	30
5	20
2	10

5] WAQTD NUMBER OF EMP'S WORKING AS 'MANAGER' IN EACH DEPT.

COUNT(*)	DEPTNO
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1	30
1	20
1	10

6] WAQTD AVG SAL NEEDED TO PAY TO ALL THE EMP'S EXCLUDING THE EMP'S WORKING IN DEPT NO 20 IN EACH JOB.

AVG(SAL) JOB

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1400	SALESMAN
1125	CLERK
5000	PRESIDENT
2650	MANAGER

7] WAQTD NUMBER OF EMP'S HAVING CHARACTER 'A' IN THEIR NAME IN EACH JOB.

COUNT(\*) JOB

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3	SALESMAN
2	CLERK
2	MANAGER

8] WAQTD NUMBER OF EMP'S WORKING AS A CLERK IN EACH DEPARTMENT.

COUNT(\*) DEPTNO

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1	30
2	20

1 10

9] WAQTD NUMBER OF EMP'S HIRED IN THE YEAR 1981 IN EACH DEPARTMENT.

COUNT(\*) DEPTNO

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6 30

2 20

2 10

10] WAQTD NUMBER OF EMP'S WARNING LESS THAN 1000 IN EACH DEPARTMENT.

COUNT(\*) DEPTNO

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1 30

1 20

11] WAQTD NUMBER OF EMP'S EARNING 3000 RS IN EACH DEPARTMENT.

COUNT(\*) DEPTNO

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2 20

12] WAQTD MAXIMUM SALARY GIVEN TO THE EMP WORKING AS A CLERK IN EACH DEPT.

MAX(SAL)	DEPTNO
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950	30
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1100	20
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1300	10
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13] WAQTD NUMBER OF EMP'S HIRED IN THE MONTH OF FEBRUARY IN EACH JOB.

COUNT(*)	JOB
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2	SALESMAN
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14] WAQTD NUMBER OF EMP'S WORKING AS PRESIDENT OR ANALYST AND EARNING MORE THAN 2000 IN EACH DEPARTMENT.

COUNT(*)	DEPTNO
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2      20

1      10

15] WAQTD NUMBER OF EMP'S WORKING IN EACH DEPT EXCEPT  
PRESIDENT.

COUNT(\*)    DEPTNO

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6      30

5      20

2      10

16] WAQTD TOTAL SALARY NEEDED TO PAY ALL THE EMP'S IN EACH  
JOB.

SUM(SAL)    JOB

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4150    CLERK

5600    SALESMAN

5000    PRESIDENT

8275    MANAGER

6000    ANALYST

17] WAQTD AVERAGE SALARY NEEDED TO PAY ALL THE EMP'S IN EACH DEPT EXCLUDING THE EMP'S OF DEPTNO 20.

AVG(SAL)	DEPTNO
1566.66667	30
2916.66667	10

18] WAQTD NUMBER OF EMP'S HAVING CHARACTER 'A' IN THEIR NAMES IN EACH JOB.

COUNT(*)	JOB
3	SALESMAN
2	CLERK
2	MANAGER

19] WAQTD NUMBER OF EMP'S AND AVG SAL NEEDED TO PAY THE EMP'S WHOSE SAL GREATER THAN 2000 IN EACH DEPT.

COUNT(*)	AVG(SAL)
1	2850
3	2991.66667

2 3725

20] WAQTD NUMBER OF EMP'S AND TOTAL SAL GIVEN TO ALL THE SALESMAN IN EACH DEPT.

COUNT(*)	SUM(SAL)	DEPTNO
4	5600	30

21] WAQTD NUMBER OF EMP'S WITH THEIR MAX SALARIES IN EACH JOB.

COUNT(*)	MAX(SAL)	JOB
4	1300	CLERK
4	1600	SALESMAN
1	5000	PRESIDENT
3	2975	MANAGER
2	3000	ANALYST

22] WAQTD NUMBER OF TIMES EACH SALARIES ARE PRESENT IN EMP TABLE.

COUNT(*)	SAL
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1	2450
1	5000
1	1300
2	1250
1	2850
1	2975
1	1100
2	3000
1	800
1	1600
1	1500
1	950

23] WAQTD NUMBER OF EMP'S WORKING IN EACH DEPT HAVING AT LEAST 2 EMP'S IN EACH DEPT.

COUNT(\*)    DEPTNO

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6	30
5	20
3	10

24] WAQTD AVG SAL, MAX SAL, MIN SAL OF EMPS WORKING IN EACH JOB IF EMP'S HIRED AFTER 1980.

AVG(SAL)	MAX(SAL)	MIN(SAL)	JOB
1400	1600	1250	SALESMAN
1116.66667	1300	950	CLERK
5000	5000	5000	PRESIDENT
2758.33333	2975	2450	MANAGER
3000	3000	3000	ANALYST

25] WAQTD NUMBER OF EMP'S EARNING MORE THAN 2000 IN EACH DEPARTMENT WHO HIRED IN THE YEAR 1987.

COUNT(*)	DEPTNO
1	20