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FYCS

Practical No: 8

Study of various types of views Considering Emp and Dept table, perform the following:

1. Create a view named emp_hor with the job titled as 'ANALYST'.

```
1   create view emp_hor
2   as
3   select * from dev_emp
4   where Job = 'ANALYST';
```

View created.

```
1   select * from emp_hor;
```

EMP_NO	ENAME	JOB	MGR	HERIDATE	SAL	COMM	DEPT_NO
7788	SCOTT	ANALYST	7566	19-APR-87	3000	-	20
7902	FORD	ANALYST	7566	03-DEC-81	3000	-	20

2. Create a view named vwemp specifying name of employees, job and their salary.

```
1   create view vwemp(Ename ,Job ,SAL)
2   as
3   select Ename , Job , SAL from dev_emp;
```

View created.

```
1   select *from vwemp;
```

ENAME	JOB	SAL
KING	PRESIDENT	5000
BLAKE	MANAGER	2850
CLARK	MANAGER	2450
JONES	MANAGER	2975
SCOTT	ANALYST	3000
FORD	ANALYST	3000

SMITH	CLERK	800
ALLEN	SALESMAN	1600
WARD	SALESMAN	1250
MARTIN	SALESMAN	1250
TURNER	SALESMAN	1500
ADAMS	CLERK	1100
JAMES	CLERK	950
MILLER	CLERK	1300

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14 rows selected.

3. Create a view displaying total salary on the basis of the jobs.

```
1   create view TSAL(TOT_SAL,Job)
2   as
3   select sum(SAL),Job from dev_emp
4   group by Job;
```

View created.

```
1   select *from TSAL;
```

TOT_SAL	JOB
6000	ANALYST
4150	CLERK
5600	SALESMAN
8275	MANAGER
5000	PRESIDENT

4. Create a view which contains name of employee, dept and the location of the employees

```
1   create view num4
2   as
3   select Ename ,dept_no,Job from dev_emp;
```
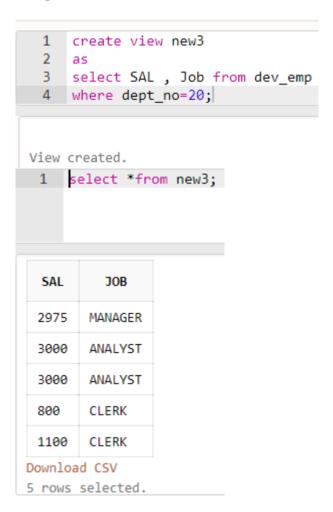
ENAME	DEPT_NO	JOB
KING	10	PRESIDENT
BLAKE	30	MANAGER
CLARK	10	MANAGER
JONES	20	MANAGER
SCOTT	20	ANALYST
FORD	20	ANALYST
SMITH	20	CLERK
ALLEN	30	SALESMAN
WARD	30	SALESMAN
MARTIN	30	SALESMAN
TURNER	30	SALESMAN
ADAMS	20	CLERK
JAMES	30	CLERK
MILLER	10	CLERK

Download CSV

14 rows selected

5. Create a view to display the name of the employees with their salary and job who belongs to department 20.

SQL Worksheet

```
1   create view new3
2   as
3   select SAL , Job from dev_emp
4   where dept_no=20;
```

View created.

```
1   select *from new3;
```

SAL	JOB
2975	MANAGER
3000	ANALYST
3000	ANALYST
800	CLERK
1100	CLERK

Download CSV
5 rows selected.

6. Delete all the views created above.

```
1   drop view emp_hor;
```

View dropped.

```
1   drop view vwemp;
```

View dropped.

```
1   drop view TSAL;
```

View dropped.

```
1   drop view num4;
```

View dropped.

```
1   drop view new3;
```

View dropped.