

## Practical 8: Study of various types of views

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Considering Emp and Dept table, perform the following:

1. Create a view named emp\_hor with the job titled as 'ANALYST'.

```
create view emp_hor  
as  
select * from emp_dharmit  
where job='ANALYST';
```

Results Explain Describe Saved SQL History

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7788	SCOTT	ANALYST	7566	19-APR-87	3000	-	20
7902	FORD	ANALYST	7566	03-DEC-81	3000	-	20

2 rows returned in 0.02 seconds

[CSV Export](#)

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

```
create view vwemp  
as  
select ename,job,sal from emp_dharmit;
```

Results Explain Describe Saved SQL History

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

14 rows returned in 0.00 seconds

[CSV Export](#)

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

```
create view emp_view(job,total_salary)
as
select job,sum(sal) from emp_dharmmit
group by job;
```

Results Explain Describe Saved SQL History

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

5 rows returned in 0.03 seconds

[CSV Export](#)

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

```
create view dummy_view
as
select ename,dept_dharmmit.deptno,loc
from emp_dharmmit inner join dept_dharmmit
on emp_dharmmit.deptno=dept_dharmmit.deptno;
```

Results Explain Describe Saved SQL History

ENAME	DEPTNO	LOC
KING	10	new york
BLAKE	30	chicago
CLARK	10	new york
JONES	20	dallas
SCOTT	20	dallas
FORD	20	dallas
SMITH	20	dallas
ALLEN	30	chicago
WARD	30	chicago
MARTIN	30	chicago
TURNER	30	chicago
ADAMS	20	dallas
JAMES	30	chicago
MILLER	10	new york

14 rows returned in 0.02 seconds

[CSV Export](#)

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

```
create view viewemployee
as
select ename,sal,job from emp_dharmit
where deptno=20;
```

**Results** Explain Describe Saved SQL History

ENAME	SAL	JOB
JONES	2975	MANAGER
SCOTT	3000	ANALYST
FORD	3000	ANALYST
SMITH	800	CLERK
ADAMS	1100	CLERK

5 rows returned in 0.02 seconds

[CSV Export](#)

## 6. Delete all the views created above.

```
drop view emp_hoc;
```

**Results** Explain Describe

View dropped.

0.20 seconds

```
drop view dummy_view;
```

**Results** Explain Describe Saved SQ

View dropped.

0.01 seconds

```
drop view emp_view;
```

**Results** Explain Describe S

View dropped.

0.02 seconds

```
drop view viewemployee;
```

**Results** Explain Describe S

View dropped.

0.01 seconds

```
drop view vwemp;
```

**Results** Explain Descr

View dropped.

0.02 seconds