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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'.

```
SQL> connect system/Akshat104
Connected.
SQL> create view emp_hor
  2  as select * from akshat_EMP
  3  where JOB='ANALYST';

View created.
```

```
SQL> select * from emp_hor;

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

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

```
SQL> create view vwemp(Ename,JOB,SAL)
  2  as
  3  select Ename,JOB,SAL from akshat_EMP;

View created.
```

```
SQL> 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

14 rows selected.
```

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

```
SQL> create view TSAL(TOT_SAL,JOB)
  2  as
  3  select sum(SAL),JOB from akshat_EMP
  4  group by JOB;

View created.

SQL> select * from TSAL;

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

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

```
SQL> create view num4
  2  as
  3  select Ename,dept_no,JOB from akshat_EMP;

View created.

SQL> select * from num4;

    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

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> create view new3
  2  as
  3  select SAL,JOB from akshat_EMP
  4  where dept_no=20;

View created.

SQL> select * from new3;

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

6. Delete all the views created above

```
SQL> drop view emp_hor;
View dropped.

SQL> drop view vwemp;
View dropped.

SQL> drop view TSAL;
View dropped.

SQL> drop view new3;
View dropped.
```