**Create table:**

create table SBM\_analytic\_employee

(

employee\_id number,

first\_name varchar2(20),

last\_name varchar2(20),

email varchar2(20),

phone\_number varchar2(15),

hire\_date date,

job\_code varchar2(10),

salary number(5),

comm\_pct number,

manager\_id number,

department\_id number

)

/

**Insert records:**

BEGIN

insert into SBM\_analytic\_employee values (100,'Steven','King','SKING','515.123.4567','01-JUN-2003','AD\_PRES',24000,null,null,90);

insert into SBM\_analytic\_employee values (101,'Neena','Kochhar','NKOCHHAR','515.123.4568','21-SEP-2005','AD\_VP',17000,null,100,90);

insert into SBM\_analytic\_employee values (102,'Lex','Dehaan','LDEHAAN','515.123.4569','13-JUN-2001','AD\_VP',17000,null,100,90);

insert into SBM\_analytic\_employee values (103,'Alexander','Hunold','AHUNOLD','590.423.4567','03-JUN-2006','IT\_PROG',9000,null,102,60);

insert into SBM\_analytic\_employee values (104,'Bruce','Ernst','BERNST','590.423.4568','21-MAY-2011','IT\_PROG',6000,null,103,60);

insert into SBM\_analytic\_employee values (105,'David','Austin','DAUSTIN','590.423.4569','25-JUN-2005','IT\_PROG',4500,null,103,60);

insert into SBM\_analytic\_employee values (106,'Valli','Petaballa','VPETABALLA','590.423.4570','05-FEB-2006','IT\_PROG',4800,null,103,60);

insert into SBM\_analytic\_employee values (107,'Diana','Lorentz','DLORENTZ','590.423.4567','07-FEB-2002','IT\_PROG',4200,null,103,60);

insert into SBM\_analytic\_employee values (108,'Nancy','Greenberg','NGREENBERG','515.124.4569','17-AUG-2002','FT\_ACCOUNT',4800,null,101,100);

insert into SBM\_analytic\_employee values (109,'Daniel','Faviet','DFAVIET','515.124.4569','17-AUG-2002','FT\_ACCOUNT',9000,null,108,100);

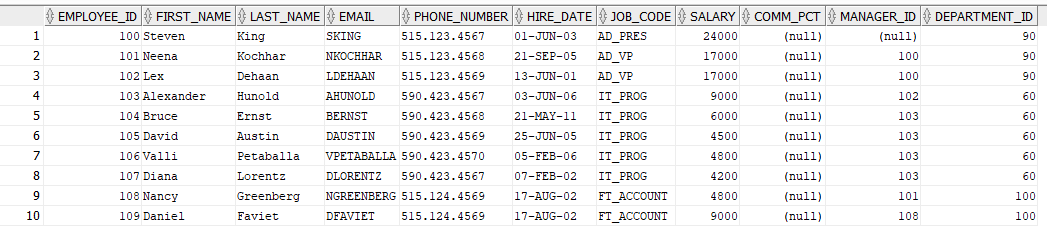
END;

/

**Select:**

select \* from SBM\_analytic\_employee

/



RANK()

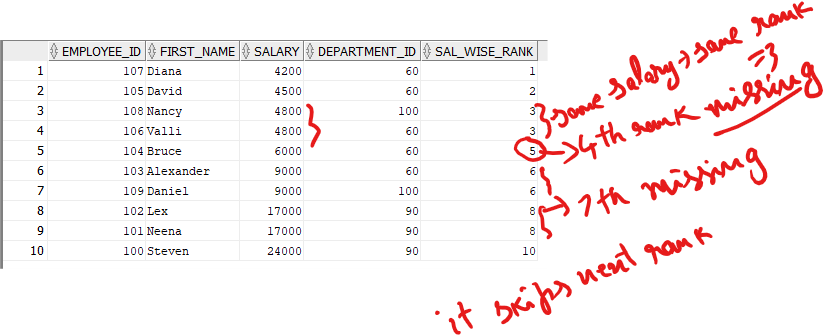
***-- To find employee salary ranking from lowest to highest salary***

select employee\_id, first\_name, salary, department\_id,

RANK () over (order by salary) as sal\_wise\_rank

from SBM\_analytic\_employee

/

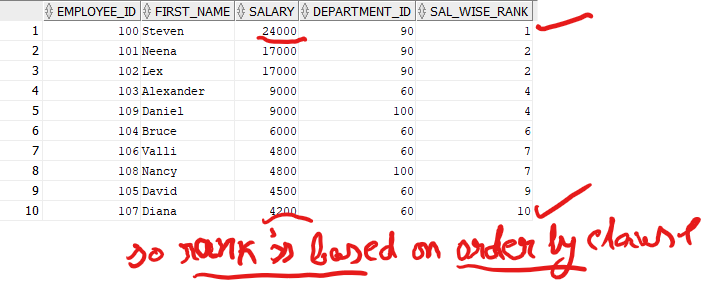


select employee\_id, first\_name, salary, department\_id,

RANK () over (order by salary desc) as sal\_wise\_rank

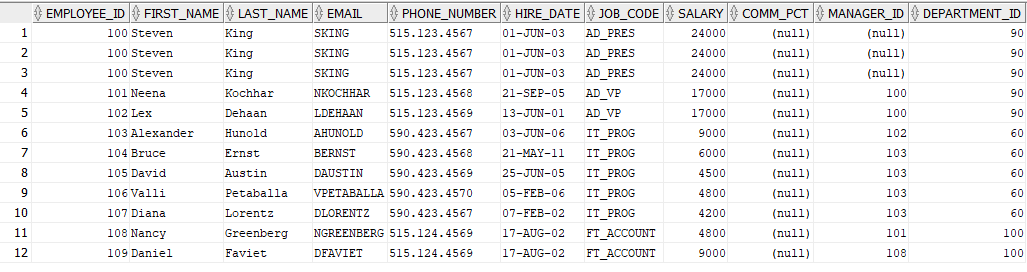
from SBM\_analytic\_employee

/



**Insert duplicate record two times**

insert into SBM\_analytic\_employee values (100,'Steven','King','SKING','515.123.4567','01-JUN-2003','AD\_PRES',24000,null,null,90);



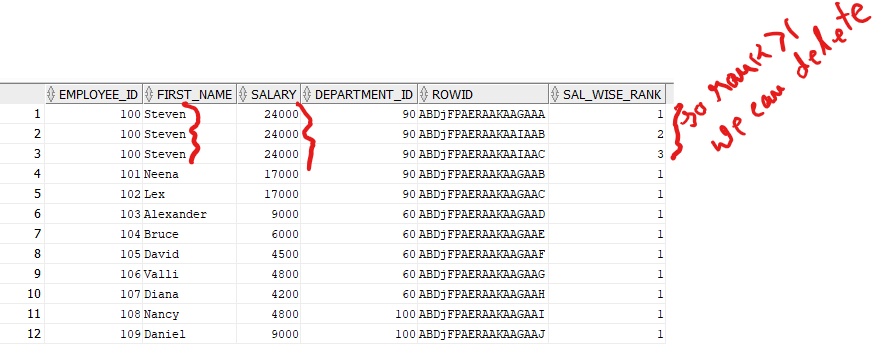
**Use RANK() to find duplicates**

select employee\_id, first\_name, salary, department\_id,

rowid, RANK () over (partition by employee\_id order by rowid) as sal\_wise\_rank

from SBM\_analytic\_employee

**/**



**DENSE\_RANK()**

select employee\_id,first\_name,salary,department\_id,

DENSE\_RANK () over ( order by salary) as sal\_wise\_rank

from SBM\_analytic\_employee

/

A screenshot of a computer

Description automatically generated with medium confidence