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DRL 2

1. Display the average, lowest, highest and difference in lowest and highest salaries for each department number.

Ans: select avg(sal),min(sal),max(sal),max(sal)-min(sal) difference from emp group by deptno

1. Display the number of employees within each job.

Ans: select count(\*) from emp group by job

1. Display the lowest salaries job-wise within each department number.

Ans: select min(sal) from emp group by job,deptno

1. Display only those jobs where the minimum salary is greater than or equal to 3000.

Ans: select job from emp group by job having min(sal)>=3000

1. Display the records sorted as per the job. Make sure that within each job the records are sorted as per the highest to lowest salaries.

Ans: select \* from emp order by job,sal desc

1. Display the highest of average salary from all the jobs.

Ans: select max(avg(sal)) from emp group by job

Copy-Paste the following script of Products table in your schema –

drop sequence seq;

create sequence seq;

drop table products;

create table products

(trans\_id number,

continent varchar2(10),

country varchar2(10),

area varchar2(10),

region\_type varchar2(10),

name varchar2(10),

sales number);

Insert into Products Values(seq.nextval,'Asia','India','North','Rural','Nokia',200);

Insert into Products Values(seq.nextval,'Asia','India','North','Rural','Nokia',100);

Insert into Products Values(seq.nextval,'Asia','India','North','Rural','Nokia',500);

Insert into Products Values(seq.nextval,'Asia','India','North','Rural','Nokia',800);

Insert into Products Values(seq.nextval,'Asia','India','North','Urban','Nokia',1200);

Insert into Products Values(seq.nextval,'Asia','India','North','Urban','Nokia',1500);

Insert into Products Values(seq.nextval,'Asia','India','North','Urban','Nokia',1400);

Insert into Products Values(seq.nextval,'Asia','India','North','Urban','Nokia',1300);

Insert into Products Values(seq.nextval,'Asia','India','South','Rural','Nokia',100);

Insert into Products Values(seq.nextval,'Asia','India','South','Rural','Nokia',300);

Insert into Products Values(seq.nextval,'Asia','India','South','Urban','Nokia',1100);

Insert into Products Values(seq.nextval,'Asia','India','South','Urban','Nokia',2100);

Insert into Products Values(seq.nextval,'Asia','India','South','Urban','Nokia',3000);

Insert into Products Values(seq.nextval,'Europe','UK','North','Rural','Nokia',9000);

Insert into Products Values(seq.nextval,'Europe','UK','North','Rural','Nokia',10000);

Insert into Products Values(seq.nextval,'Europe','UK','North','Urban','Nokia',21000);

Insert into Products Values(seq.nextval,'Europe','UK','South','Urban','Nokia',26000);

Insert into Products Values(seq.nextval,'Europe','UK','South','Urban','Nokia',26000);

Insert into Products Values(seq.nextval,'Asia','India','North','Rural','Samsung',40);

Insert into Products Values(seq.nextval,'Asia','India','North','Rural','Samsung',80);

Insert into Products Values(seq.nextval,'Asia','India','North','Urban','Samsung',900);

Insert into Products Values(seq.nextval,'Asia','India','North','Urban','Samsung',400);

Insert into Products Values(seq.nextval,'Asia','India','South','Urban','Samsung',1400);

Insert into Products Values(seq.nextval,'Asia','India','South','Urban','Samsung',1500);

Insert into Products Values(seq.nextval,'Asia','India','South','Rural','Samsung',300);

Insert into Products Values(seq.nextval,'Asia','India','South','Rural','Samsung',400);

Insert into Products Values(seq.nextval,'Europe','UK','North','Rural','Samsung',40000);

Insert into Products Values(seq.nextval,'Europe','UK','North','Rural','Samsung',45000);

Insert into Products Values(seq.nextval,'Europe','UK','North','Urban','Samsung',90000);

Insert into Products Values(seq.nextval,'Europe','UK','North','Urban','Samsung',40000);

Insert into Products Values(seq.nextval,'Europe','UK','South','Urban','Samsung',3000);

Insert into Products Values(seq.nextval,'Europe','UK','South','Urban','Samsung',4000);

Insert into Products Values(seq.nextval,'Europe','UK','South','Rural','Samsung',8000);

Insert into Products Values(seq.nextval,'Europe','UK','South','Rural','Samsung',6000);

commit;

1. Display the Highest sales for each product within a country for each continent.

Ans: select max(sales),name,country,continent from products group by name,country,continent

1. Display the average sales for each product region-type wise within each area for each country.

Ans: select avg(sales),name, region\_type, area, country FROM products group by name,region\_type, area, country

1. Display the country-wise number of products for each product

Ans: select count(name),name from products group by name,country