



Dashboard / RDBMS_TE / Function - Scalar & Aggregate / Discount based on month

Description

Code Editor

Grading view

1311

File List

Save

Compile & Run

Evaluate

Full screen

Description

model.sql

```
1 select salesid,sales_date,ime_no,price,coalesce(TO_CHAR(discount),'Not Applicable')as DISCOUNT
2 FROM SALES_INFO
3 where to_char(sales_date,'Mon')='Feb'
4 order by IME_NO;
```



[Dashboard](#) / [RDBMS_TE](#) / [Function - Scalar & Aggregate](#) / [Mobile count based on warranty](#)

Description

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Evaluate

Full screen

Description

model.sql

```
1 SELECT manufacturer,COUNT(MODEL_NAME) AS "COUNT"
2 FROM MOBILE_MASTER
3 GROUP BY manufacturer
4 HAVING AVG(WARRANTY_IN_YEARS)>3;
```

Description

Code Editor

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Compile & Run

Evaluate

Full screen


Description

model.sql 

```
1 select ime_no,model_name,manufacturer,price
2 from mobile_master
3 where manufacturer in('Nokia','Samsung')
4 order by manufacturer asc;
```

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 Dashboard / RDBMS_TE / Function - Scalar & Aggregate / Display model count

Description

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Full screen

Description

sample.sql 

```
1 SELECT manufacturer,COUNT(MODEL_NAME) AS MOBILE_MODEL_COUNT
2 FROM MOBILE_MASTER
3 GROUP BY manufacturer
4 HAVING COUNT(MODEL_NAME)=3
5 ORDER BY manufacturer DESC;
```

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Dashboard / RDBMS_TE / Joins & Subquery / Fetch Third highest cabin cost

Description

Code Editor

Grading view

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File List

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Compile & Run

Evaluate

Full screen

Description

sample.sql

```
1 select max(rate) as third_max
2 from cabincost
3 where (rate<(select max(rate) from cabincost where rate<(select max(rate) from cabincost)));
```

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Description

Code Editor

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File List


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Compile & Run

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Full screen

Description

model.sql 

```
1 truncate table Customer_Info;
```

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Description

Code Editor

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File List

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Compile & Run

Evaluate

Full screen

Description

model.sql 

```
1 ALTER TABLE Sales_Info RENAME TO Trade_Info;
```

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Description

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Compile & Run

Evaluate

Full screen

Description

model.sql 

```
1 select unique(os) from mobile_specification order by os asc;
```

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Description

Code Editor

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File List


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Compile & Run

Evaluate

Full screen

Description

model.sql 

```
1 DROP TABLE MOBILE_SPECIFICATION cascade constraints;
```

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[Dashboard](#) / [RDBMS_TE](#) / [Joins & Subquery](#) / [Mobile details with discount](#)

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model.sql

```
1 SELECT D.DISTRIBUTOR_NAME,M.MODEL_NAME,S.SALES_DATE,S.DISCOUNT
2 FROM DISTRIBUTOR D,MOBILE_MASTER M,SALES_INFO S
3 WHERE D.DISTRIBUTOR_ID=M.DISTRIBUTOR_ID AND M.IME_NO=S.IME_NO
4 ORDER BY D.DISTRIBUTOR_NAME;
```

Description

Code Editor

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File List


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Compile & Run

Evaluate

Full screen

Description

model.sql 

```
1 SELECT CUSTOMER_ID,CUSTOMER_NAME,MOBILE FROM CUSTOMER_INFO  
2 ORDER BY CUSTOMER_ID ASC;
```

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 Dashboard / RDBMS_TE / Select Statement / Distributor details based on email

Description

Code Editor

Grading view

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File List


Save

Compile & Run

Evaluate

Full screen

Description

★ model.sql 

```
1 select distributor_id,distributor_name,address,mobilenumber from distributor
2 where email is null
3 order by distributor_name desc;
```

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Dashboard / RDBMS_TE / Joins & Subquery / Course details based on fees

Description

Code Editor

Grading view

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File List

Save

Compile & Run

Evaluate

Full screen

Description

sample.sql

```
1 select r.courseid,course.coursename,sum(fees) as totalfees
2 from registration R
3 inner join student on r.studid=student.studid
4 inner join course on r.courseid=course.courseid
5 group by r.courseid,course.coursename
6 having sum(fees)>15000
7 order by r.courseid;
```

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Description

Code Editor

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File List

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Compile & Run

Evaluate

Full screen

Description

model.sql 

```
1 update mobile_master set warranty_in_years=2,price=20000 where model_name='SamsungS2';
```

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Description

Code Editor

Grading view

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File List

Save

Compile & Run

Evaluate

Full screen

Description

model.sql 

```
1 ALTER TABLE MOBILE_MASTER ADD CONSTRAINT CHECK_WARRANTY CHECK(WARRANTY_IN_YEARS>2);
```

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Dashboard / RDBMS_TE / Select Statement / Mobile details based on warranty and cost

Description

Code Editor

Grading view

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File List

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Compile & Run

Evaluate

Full screen

Description

model.sql

```
1 select ime_no,model_name,manufacturer,date_of_manufac
2 from mobile_master
3 where price>10000 and warranty_in_years<5
4 order by model_name asc,ime_no desc;
```

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Description

Code Editor

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File List


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Compile & Run

Evaluate

Full screen

Description

sample.sql 

```
1 create view student_registration_details as select
2 a.studid,a.firstname,a.lastname,b.coursename,b.duration,doj
3 from registration c,student a,course b
4 where c.studid=a.studid and c.courseid=b.courseid;
```



Description

Code Editor

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Full screen

Description

model.sql 

```
1 select ime_no,model_name,manufacturer,price
2 from mobile_master
3 where distributor_id not in('SA111','MC111')
4 order by ime_no asc;
```

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Dashboard / RDBMS_TE / Joins & Subquery / Android based mobiles

Description

Code Editor

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File List

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Compile & Run

Evaluate

Full screen

Description

model.sql

```
1 SELECT M.IME_NO,M.MODEL_NAME,M.DATE_OF_MANUFAC
2 FROM MOBILE_MASTER M,MOBILE_SPECIFICATION S
3 WHERE S.SPEC_NO=M.SPEC_NO AND LOWER(S.OS) LIKE 'android%' and BATTERY_LIFE_HRS>=8
4 ORDER BY M.IME_NO ASC;
```

Description

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Compile & Run

Evaluate

Full screen

Description

sample.sql 

```
1 select distributor_id,distributor_name,email from distributor order by distributor_name asc;
```

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Dashboard / RDBMS_TE / Function - Scalar & Aggregate / Customer purchase date

Description

Code Editor

Grading view

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File List

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Compile & Run

Evaluate

Full screen

Description

model.sql

```
1 select ('The customer id ' || Customer_id || ' has purchased the mobile in the month of ' || (to_char(sales_date, 'Month'))) as PURCHASE_DATE
2 FROM SALES_INFO
3 ORDER BY CUSTOMER_ID DESC;
```

Description

Code Editor

Grading view

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File List

Save

Compile & Run

Evaluate

Full screen

Description

sample.sql

```
1 select ime_no,model_name,warranty_in_years+5 as WARRANTY
2 from mobile_master where MANUFACTURER like 'Nokia%'
3 order by model_name asc;
```

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Description

Code Editor

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File List

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Compile & Run

Evaluate

Full screen

Description

sample.sql

```
1 create table mobile_master(  
2 ime_no varchar(10) primary key,  
3 model_name varchar(20),  
4 manufacturer varchar(20),  
5 date_of_manufac date,  
6 warranty_in_years number(10),  
7 price number(7,2),  
8 distributor_id varchar(10),  
9 spec_no varchar(10),  
10 foreign key(distributor_id) references distributor(distributor_id),  
11 foreign key(spec_no)references mobile_specification(spec_no)  
12 );  
13
```

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Description

Code Editor

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File List

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Compile & Run

Evaluate

Full screen

Description

dml2.sql

```
1 update mobile_specification set battery_life_hrs=10;
```

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Description

Code Editor

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File List

Save

Compile & Run

Evaluate

Full screen

Description

model.sql

```
1 SELECT (TO_CHAR(SALES_DATE,'MONTH'))AS MONTH,PRICE,  
2 CASE WHEN discount < 250 THEN 'Low Discount'  
3 WHEN 250<discount AND discount<750 THEN 'Medium Discount'  
4 ELSE 'High Discount'  
5 END AS DISCOUNT_INFO  
6 FROM SALES_INFO  
7 order by PRICE;
```

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Dashboard / RDBMS_TE / Select Statement / Customers with gmail account

Description

Code Editor

Grading view

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File List

Save

Compile & Run

Evaluate

Full screen

Description

model.sql

```
1 select customer_id,customer_name,address,email from customer_info
2 where email like'%@gmail.com' order by customer_name asc;
```



Description

Code Editor

Grading view

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File List

Save

Compile & Run

Evaluate

Full screen

Description

model.sql

```
1 select customer_id, customer_name, address, email from customer_info
2 where customer_name like 'S%' and customer_name like '%a'
3 order by customer_name asc;
```

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Description

Code Editor

Grading view

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File List


Save

Compile & Run

Evaluate

Full screen

Description

joins10.sql 

```
1 select student.student_name,max(mark.value) as max_mark
2 from student
3 inner join mark
4 on student.student_id=mark.student_id
5 group by student.student_name
6 having lower(student.student_name) like '%i'
7 order by student.student_name desc;
```

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Description

Code Editor

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File List

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Compile & Run

Evaluate

Full screen

Description

model.sql

```
1 delete from Sales_info where customer_id='MB10010';
```

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Description

Code Editor

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File List

Save

Compile & Run

Evaluate

Full screen

Description

model.sql 

```
1 select CUSTOMER_NAME,((substr(customer_name,1,3))||(length(customer_name))|(substr(mobile,-3))) as CUSTOMER_PASSWORD
2 from CUSTOMER_INFO
3 ORDER BY customer_name DESC;
```



Dashboard / RDBMS_TE / Joins & Subquery / Low price mobiles

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model.sql

```
1 SELECT IME_NO,MODEL_NAME,DATE_OF_MANUFAC,WARRANTY_IN_YEARS
2 FROM MOBILE_MASTER
3 where PRICE=(SELECT MIN(PRICE) FROM MOBILE_MASTER);
```



Description

Code Editor

Grading view

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File List


Save

Compile & Run

Evaluate

Full screen

Description


sample.sql 

```
1 select salesid,sales_date,ime_no,price,discount
2 from sales_info
3 where price<15000 and discount>500
4 order by sales_date desc;
```


 [Dashboard](#) / [RDBMS_TE](#) / [Joins & Subquery](#) / [Temperature with town](#)

[Description](#)[Code Editor](#)[Grading view](#)

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[File List](#)[Save](#)[Compile & Run](#)[Evaluate](#)[Full screen](#)[Description](#)sample.sql 

```
1 SELECT (TOWNNAME||' has '||wintertemp||' Degree celsius') as temperature
2 from town
3 where wintertemp>(select wintertemp from town where lower(townname)='jaipur')
4 order by temperature;
```

Description Code Editor Grading view

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File List


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Compile & Run

Evaluate

Full screen

Description

model.sql 

```
1 insert INTO CUSTOMER_INFO(CUSTOMER_ID,CUSTOMER_NAME,ADDRESS,MOBILE,EMAIL) VALUES ('C01','Peter','Alabama',9884564566,'peter@gmail.com');
2 insert INTO CUSTOMER_INFO(CUSTOMER_ID,CUSTOMER_NAME,ADDRESS,MOBILE,EMAIL) VALUES('C02','Johan','Colorado',7324565689,'joha@yahoo.com');
```

Description

Code Editor

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File List

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Compile & Run

Evaluate

Full screen

Description

model.sql 

```

1  SELECT C.CUSTOMER_ID,C.CUSTOMER_NAME,S.PRICE
2  FROM CUSTOMER_INFO C,SALES_INFO S
3  WHERE C.CUSTOMER_ID=S.CUSTOMER_ID AND S.PRICE>=15000 AND S.PRICE<=25000
4  ORDER BY C.CUSTOMER_ID ASC;
```



Dashboard / RDBMS_TE / Function - Scalar & Aggregate / Price Calculation

Description

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File List

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Compile & Run

Evaluate

Full screen

Description

model.sql

```
1 select sum(price) as TOTAL_PRICE,round(AVG(price),2) as AVG_PRICE
2 from mobile_master;
```

Description

Code Editor

Grading view

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File List

Save

Compile & Run

Evaluate

Full screen

Description

sample.sql

```
1 create table sales_info(  
2 salesid number(10) primary key,  
3 sales_date date,  
4 ime_no varchar(10),  
5 price number(10),  
6 discount number(10),  
7 net_amount number(10),  
8 customer_id varchar(10),  
9 foreign key(ime_no)references mobile_master(ime_no),  
10 foreign key(customer_id) references customer_info(customer_id));
```

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Description

Code Editor

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File List


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Compile & Run

Evaluate

Full screen

Description

sample.sql 

```
1 select ime_no,model_name,manufacturer,price
2 from mobile_master
3 where price between 10000 and 20000
4 order by ime_no;
```

 Dashboard / RDBMS_TE / Joins & Subquery / Customer details based on discount

Description

Code Editor

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File List

Save

Compile & Run

Evaluate

Full screen

Description

model.sql 

```
1 select c.customer_id,c.customer_name,c.mobile,count(c.customer_id)as total_mobiles_purchased
2 from customer_info c,sales_info s
3 where c.customer_id=s.customer_id and s.discount is null
4 group by c.customer_id,c.customer_name,c.mobile
5 having count(c.customer_id)>1;
```



Description

Code Editor

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File List

Save

Compile & Run

Evaluate

Full screen

Description

sample.sql

```
1 select * from mobile_master order by ime_no asc;
```

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Description

Code Editor

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File List

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Compile & Run

Evaluate

Full screen

Description

model.sql

```
1 select max(price) as MAX_PRICE,min(price) as MIN_PRICE
2 from mobile_master;
```

Description

Code Editor

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File List

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Compile & Run

Evaluate

Full screen

Description

DEPARTMENT.sql 

```
1 CREATE table department
2 ( dept_id number(4),
3   prod_id number(4),
4   dept_name varchar2(25) unique,
5   dept_head varchar2(25) NOT NULL,
6   PRIMARY KEY(dept_id),
7   foreign KEY(prod_id) REFERENCES product(prod_id)
8 );
```

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Dashboard / RDBMS_TE / Function - Scalar & Aggregate / Display Specification number

Description

Code Editor

Grading view

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File List

Save

Compile & Run

Evaluate

Full screen

Description

model.sql

```
1 SELECT (spec_no||' has '||dimension|| ' dimension') as MOBILE_INFO,camera_quality
2 from mobile_specification
3 order by MOBILE_INFO desc;
```