

## SQL SORULARI 2

### 15 Soru

```
select p.PROD_CATEGORY,SUM(s.AMOUNT_SOLD)as TUTAR from SH.SALES s inner join
SH.PRODUCTS p
on s.PROD_ID=p.PROD_ID
where TIME_ID>=TO_DATE('01/01/2000','DD/MM/YYYY') GROUP BY p.PROD_CATEGORY HAVING
SUM(s.AMOUNT_SOLD)>10000000;
```

### 16 SORU

```
Select cnt.COUNTRY_NAME,SUM(sl.AMOUNT_SOLD) as TOTAL
from SH.SALES sl inner join SH.CHANNELS ch
on sl.CHANNEL_ID=ch.CHANNEL_ID
inner join SH.CUSTOMERS cust
on sl.CUST_ID=cust.CUST_ID
inner join SH.COUNTRIES cnt
on cnt.COUNTRY_ID=cust.COUNTRY_ID
where ch.CHANNEL_DESC='Internet' GROUP By cnt.COUNTRY_NAME
ORDER BY TOTAL desc fetch next 5 rows only;
```

### 17 Soru

```
SELECT * from
( select ch.CHANNEL_DESC,extract(year from sl.TIME_ID)as year,extract(month from sl.TIME_ID)
as month
FROM SH.SALES sl Inner Join SH.CHANNELS ch
ON sl.CHANNEL_ID=ch.CHANNEL_ID
)
pivot(
count(*) FOR CHANNEL_DESC IN ('Direct Sales','Tele Sales','Catalog','Internet','Partners')
);
```

\*Hocam tam olarak gerçekleştiremedim, Group By ile grouplayamadım.

### SORU 18

```
Select CUST_CITY,COUNT(CUST_ID) from SH.CUSTOMERS
where CUST_ID not in(select distinct CUST_ID from SH.SALES)
GROUP BY CUST_CITY HAVING COUNT(CUST_ID)>500;
```

### SORU 19

```
Select cnt.COUNTRY_NAME,cst.CUST_CITY,cst.CUST_FIRST_NAME || ' ' || cst.CUST_LAST_NAME as
FULLNAME,sl.TIME_ID,sl.AMOUNT_SOLD
from SH.CUSTOMERS cst Inner Join SH.COUNTRIES cnt
on cst.COUNTRY_ID =cnt.COUNTRY_ID
inner join SH.SALES sl
```

### SORU 20

```
Select CUST_CITY,COUNT(CUST_ID) from SH.CUSTOMERS
where CUST_ID not in(select distinct CUST_ID from SH.SALES)
GROUP BY CUST_CITY HAVING COUNT(CUST_ID)>500;
```

### SORU 21

```
Select PROD_NAME,PROD_SUBCATEGORY,PROD_CATEGORY,PROD_LIST_PRICE from
SH.PRODUCTS
where PROD_CATEGORY=(select PROD_CATEGORY
                        from SH.PRODUCTS
                        ORDER BY PROD_LIST_PRICE desc fetch next 1 row only);
```

**Soru 22**

```
Select PROD_ID,CUST_ID,TIME_ID,CHANNEL_ID,AMOUNT_SOLD  
from SH.SALES  
where AMOUNT_SOLD>( Select avg(AMOUNT_SOLD)  
from SH.SALES
```

**Soru 23**

```
Select distinct ch.CHANNEL_DESC  
from SH.SALES s inner join SH.CHANNELS ch  
on s.CHANNEL_ID=ch.CHANNEL_ID  
where s.CHANNEL_ID not in(Select distinct CHANNEL_ID
```

**SORU 24**

```
select distinct CUST_INCOME_LEVEL from SH.CUSTOMERS  
where CUST_YEAR_OF_BIRTH>=1990 and CUST_GENDER='F'  
INTERSECT  
select distinct CUST_INCOME_LEVEL from SH.CUSTOMERS  
where CUST_YEAR_OF_BIRTH>=1990 and CUST_GENDER='M';
```

**SORU 25**

```
select *  
from SH.CHANNELS  
where CHANNEL_ID not in (Select distinct CHANNEL_ID from SH.SALES);
```

## SORU 26

```
select CUST_ID,CUST_FIRST_NAME || ' ' || CUST_LAST_NAME as FULLNAME
,CUST_STREET_ADDRESS as OLD_ADDRESS,LENGTH(CUST_STREET_ADDRESS) as Add_Length,
REPLACE(CUST_STREET_ADDRESS,'Street','ROAD')
from SH.CUSTOMERS
```

## Soru 27

```
Select *
from SH.CUSTOMERS
where LOWER(CUST_MARITAL_STATUS)='married';
```

## SORU 28

```
Select TO_CHAR(TIME_ID,'DAY'),DECODE(RTRIM(TO_CHAR(TIME_ID,'DAY')),'MONDAY',1,
                                     'TUESDAY',2,
                                     'WEDNESDAY',3,
                                     'THURSDAY',4,
                                     'FRIDAY',5,
                                     'SATURDAY',6,
                                     'SUNDAY',7) as DAYNUMBER,SUM(AMOUNT_SOLD)
from SH.SALES
GROUP BY TO_CHAR(TIME_ID,'DAY') ORDER BY DAYNUMBER;
```

## SORU 29

```
Select COUNT(*) AS SIPARIS_ADETI,
COUNT(DISTINCT CUST_ID)AS MUSTERI_ADETI
,COUNT(DISTINCT PROD_ID) AS TEKIL_URUN_ADETI
,COUNT(DISTINCT CHANNEL_ID) AS TEKIL_KANAL_ADETI,
MAX(AMOUNT_SOLD) as EN_YUKSEK_SIPARIS,MIN(AMOUNT_SOLD)as EN_DUSUK_SIPARIS
from SH.SALES;
```

### SORU 30

```
Select SEGMENT,COUNT(*) AS ADET
from (Select
      case
        when PROD_LIST_PRICE>0 and PROD_LIST_PRICE<=100 then 'UYGUN FİYAT'
        when PROD_LIST_PRICE>100 and PROD_LIST_PRICE<=1000 then 'ORTA FİYAT'
        when PROD_LIST_PRICE>1000 then 'YUKSEK FİYAT'
      END as SEGMENT
      from SH.PRODUCTS)
group by SEGMENT;
```