

Time Sensitive Real Interview

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Taslak kaydedildi

* Gerekli

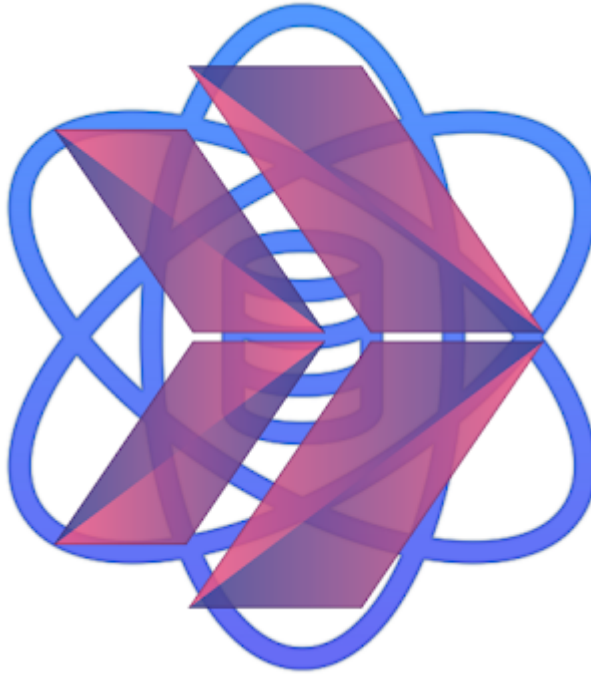
E-posta *

E-posta adresiniz



Bu, yanıtlanması zorunlu bir sorudur

In this task below, you must answer these questions within 90 minutes (1 h 30 m) using data analysis skills with SQL.



Write down your name and number in course format(CXXX-Name) *

Yanıtınız



1. @tempTable is a table *

9 puan

According the table below

we run the query :

select ItemID,avg(Price)**from @tempTable****group by ItemID**

What is the avg(Price) for item 2?

	ItemID	Client	Price
1	1	owen	100
2	1	orion	94
3	1	marie	85
4	2	owen	70
5	2	orion	72
6	2	marie	80
7	3	owen	90
8	3	orion	95
9	3	marie	85

Yanıtınız

2. @tempTable is a table *

9 puan

According the table below

we run the query :

select Client,max(Price)**from @tempTable****group by Client**

What is the max(Price) for Marie?

	ItemID	Client	Price
1	1	owen	100
2	1	orion	94
3	1	marie	85
4	2	owen	70
5	2	orion	72
6	2	marie	80
7	3	owen	90
8	3	orion	95
9	3	marie	85

Yanıtınız



3. *

7 puan

	ItemID	Client	Price
1	1	owen	100
2	1	orion	94
3	1	marie	85
4	2	owen	70
5	2	orion	72
6	2	marie	80
7	3	owen	90
8	3	orion	95
9	3	marie	85

We have table above

Which SQL server operator is used to get the result below?

SUM of Price		Client	
ItemID	owen	orion	marie
1	100	94	85
2	70	72	80
3	90	95	85

- ☐ Rotate
- ☐ Unrotate
- ☐ Pivot
- ☐ Unpivot



4. We have table TotalSales and ZipCode. Which following functions should we use to get the first 2 columns in the picture below?

* 10 puan

		TotalSales	ZipCode
1	1	2505866.81	41027
1	1	2428410.952	41027
1	1	2350955.095	41027
1	1	2273499.238	41027
1	1	2196043.381	41027
6	2	2118587.524	41055
6	2	2041131.667	41055
6	2	1963675.81	41055
6	2	1886219.952	41055
6	2	1808764.095	41055
6	2	1731308.238	41055
6	2	1653852.381	41055
6	2	1576396.524	41055
6	2	1498940.667	41055
6	2	1421484.81	41055

- ☐ Rank and Ntile
- ☐ Row_number and Ntile
- ☐ Rank and Dense_rank
- ☐ Dense and Ntile



5. *

10 puan

	ItemID	Client	Price	Avg
1	1	owen	100	93
2	1	orion	94	93
3	1	marie	85	93
4	2	owen	70	74
5	2	orion	72	74
6	2	marie	80	74
7	3	owen	90	90
8	3	orion	95	90
9	3	marie	85	90

First 3 columns are coming from the table and [4.th](#) column is a calculated one.

```
SELECT *,
??????
FROM [ClientTable]
```

What is the syntax in ????? area?

- ☐ avg(Price)
- ☐ avg(Price) over(partition by ItemID) as Avg
- ☐ sum(Result) / count(*) as Avg
- ☐ sum(Result) / count(*) over(partition by ItemID) as Avg

6. Match the sentences with SQL operations. *

9 puan

	DELETE	TRUNCATE	DROP
Remove all records from a table permanently	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It is used to delete existing records from an existing table.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Delete objects from the database	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



7. Write a basic SQL query that lists all Customers with order information. * 10 puan

We have two tables: order and customer that contain the following columns:

OrderID	CustomerID	OrderNumber	TotalAmount	
1	1	12AB	88.88	
2	2	14ES	44.44	
3	2	44ULS	56.99	
CustomerID	FirstName	LastName	City	Country
1	Diana	Cece	Berlin	Germany
2	Adam	Honour	Toronto	Canada
3	Saffet	Yetkin	Istanbul	Turkey

Yanıtınız

8. Print the rows which have 'Yellow' in one of the columns C1, C2, or C3, * 12 puan
but without using OR.

Table name is color			
ID	C1	C2	C3
1	Red	Yellow	Blue
2	NULL	Red	Green
3	Yellow	NULL	Violet

Yanıtınız



9. Write the result values that will return when the following query runs. * 10 puan

customer_table			
id	first_name	last_name	birth_date
1	Edward	Smith	5.12.1981
2	Bety	Lake	14.07.1986
3	Kathie	Snow	20.11.1992
4	Robert	Myres	1.01.1990

order_table			
ord_id	cust_id	ord_date	prod_id
1	3	1.01.2022	10
2	2	1.01.2022	11
3	3	2.01.2022	12
4	4	3.01.2022	13

```
SELECT first_name, last_name
FROM customer_table as A
WHERE NOT EXISTS ( SELECT 1
FROM order_table as B
WHERE ord_date >= '02.01.2022'
AND B.cust_id = A.id )
```

Yanıtınız

10. Write the query using EXCEPT which will give the same result as the query below. * 14 puan

customer_table			
id	first_name	last_name	birth_date
1	Edward	Smith	5.12.1981
2	Bety	Lake	14.07.1986
3	Kathie	Snow	20.11.1992
4	Robert	Myres	1.01.1990

order_table			
ord_id	cust_id	ord_date	prod_id
1	3	1.01.2022	10
2	2	1.01.2022	11
3	3	2.01.2022	12
4	4	3.01.2022	13

```
SELECT first_name, last_name
FROM customer_table as A
WHERE NOT EXISTS ( SELECT 1
FROM order_table as B
WHERE ord_date >= '02.01.2022'
AND B.cust_id = A.id )
```

Yanıtınız



This TASK is useful *

- ☐ Strongly Agree
- ☐ Agree
- ☐ Undecided
- ☐ Disagree
- ☐ Strongly Disagree

This TASK is hard *

- ☐ Strongly Agree
- ☐ Agree
- ☐ Undecided
- ☐ Disagree
- ☐ Strongly Disagree

I done this TASK without any googling(Stackoverflow, etc.) *

- ☐ Strongly Agree
- ☐ Agree
- ☐ Undecided
- ☐ Disagree
- ☐ Strongly Disagree



Please write below, what more can we do to improve the Time Sensitive Real Interview Questions tasks?

Yanıtınız

Gönder

Formu temizle

Google Formlar üzerinden asla şifre göndermeyin.

Bu form Clarusway LLC alanında oluşturuldu. [Kötüye Kullanımı Bildirme](#)

Google Formlar

