

Day6 - Feb 11th 2024th

1. Normal as every day
2. Waiting for my laptop to increase productivity
3. Walked 1.5miles



4. Solved one complex SQL Question

SQLQuery1.sql - MSN/SQLSERVER.master (MSN/jamka (70)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

master

Object Explorer

Connect - MSN/jamka (70)

dbo.Employee1
dbo.Employee2
dbo.entries
dbo.events
dbo.events1
dbo.family_men
dbo.flights
Columns
cid (varchar)
fid (varchar)
origin (var
Destination
Keys
Constraints
Triggers
Indexes
Statistics
dbo.holidays
dbo.hospital
dbo.id
dbo.id2
dbo.items
dbo.matches
dbo.matches1
dbo.orders
dbo.output
dbo.players
dbo.python
dbo.pythons
dbo.pythons\$
dbo.sales
dbo.sample_ord
dbo.source
dbo.survey
dbo.target
dbo.target1

SQLQuery1.sql - MSN/SQLSERVER.master (MSN/jamka (70))

```

(4, 'Flight4', 'Delhi', 'Mumbai');

--Q: Find customer's origin and destination from his iternary given in the table
select * from flights1;

with cte as(
select *,rank() over(partition by cust_id order by flight_id) as rn from flights1)
,cte2 as(
select cust_id,min(rn) as min,max(rn) as max from cte
group by cust_id)
,cte3 as(
select c1.cust_id,c1.origin,c1.destination ,lead(destination,1) over(partition by c1.cust_id order by flight_id) as dest
,rank() over(partition by c1.cust_id order by flight_id) as rn
from cte2 c2
left join cte c1 on c2.cust_id = c1.cust_id and c2.min = c1.rn or c2.cust_id = c1.cust_id and c2.max = c1.rn)
select cust_id,origin, dest
from cte3
where rn = 1
  
```

113 %

Results Messages

cust_id	flight_id	origin	destination
1	Flight2	Goa	Kochi
2	Flight1	Delhi	Goa
3	Flight3	Kochi	Hyderabad
4	Flight1	Pune	Chennai
5	Flight2	Chennai	Pune
6	Flight1	Mumbai	Bangalore
7	Flight2	Bangalore	Ayodhya
8	Flight1	Ahmedabad	Indore
9	Flight2	Indore	Kolkata
10	Flight3	Ranchi	Delhi
11	Flight4	Delhi	Mumbai

Query executed successfully.

MSN/SQLSERVER (16.0 RTM) MSN/jamka (70) master 00:00:00 11 rows

Ready 4°C Cloudy

Ln 32 Col 24 Ch 24 INS

10:23 PM 2/11/2024

SQLQuery1.sql - MSN/SQLSERVER.master (MSN/jamka (70)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

master

Object Explorer

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left join cte c1 on c2.cust_id = c1.cust_id and c2.min = c1.rn or c2.cust_id = c1.cust_id and c2.max = c1.rn)
select cust_id,origin, dest
from cte3
where rn = 1
  
```

113 %

Results Messages

cust_id	origin	dest
1	Delhi	Hyderabad
2	Pune	Pune
3	Mumbai	Ayodhya
4	Ahmedabad	Mumbai

Query executed successfully.

MSN/SQLSERVER (16.0 RTM) MSN/jamka (70) master 00:00:00 4 rows

Ready 4°C Cloudy

Ln 34 Col 1 Ch 1 INS

10:23 PM 2/11/2024

5. Solved 5 Leetcode easy question

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