#LeetCode

#1158 Market Analysis 1

#Difficulty Level: Medium

# Write your MySQL query statement below

Select u.user\_id as buyer\_id, u.join\_date, ifnull(o.orders\_in\_2019,0) as orders\_in\_2019

from users u

left join

(Select buyer\_id, count(\*) as orders\_in\_2019 from orders

where order\_date<='2019-12-31'

and order\_date>='2019-01-01'

group by buyer\_id ) o

on u.user\_id=o.buyer\_id

#1159 Market Analysis 2

#Difficulty Level: Hard

/\* Write your T-SQL query statement below \*/

Select us.user\_id as seller\_id,

isnull(c.flag,'no') as '2nd\_item\_fav\_brand'

from users us

left join

(Select u.user\_id, 'yes' as flag from users u

join

(Select seller\_id, a.item\_id, i.item\_brand from

(select seller\_id, item\_id, rank() over(partition by seller\_id order by order\_date) as rank

from orders) a

join items i

on i.item\_id=a.item\_id

where rank=2) b

on u.favorite\_brand=b.item\_brand

and u.user\_id=b.seller\_id) c

on us.user\_id=c.user\_id