#Sql hard 1127

with j as(

select \* from

(select distinct spend\_date from Spending) t2

cross join

(select 'mobile' as platform

union

select 'desktop' as platform

union

select 'both' as platform ) t1

),

j1 as(

select user\_id,spend\_date,count(distinct platform) as p from Spending

group by user\_id,spend\_date

),

j2 as(

select s.user\_id,s.spend\_date,platform,amount,p

from Spending s

inner join j1 on s.user\_id = j1.user\_id and s.spend\_date=j1.spend\_date

),

j3 as(

select \*,

case when p = 2 then 'both'

when p = 1 then platform end as 'new\_platform'

from j2

),

j4 as(

select spend\_date,new\_platform as 'platform',sum(amount) as total\_amount, count(distinct user\_id)

as total\_users from j3

group by spend\_date,new\_platform

),

j5 as(

select j.spend\_date,j.platform,coalesce(total\_amount,0) as total\_amount,coalesce(total\_users,0) as total\_users

from j left join j4 on

j.spend\_date = j4.spend\_date and j.platform = j4.platform

)

select \* from j5