Query 1)

select uid, count(uid)

from activity

group by uid

having count(uid) >1

Query 2)

select uid, country, gender, dt, device, spent

from activity

left Join users

on activity.uid = users.id

Query 4)

select min(join\_dt), max(join\_dt)

from groups

Query 5)

select count(distinct(uid))

from groups

Query 6)

select "group", count(uid)

from groups

group by "group"

Query 7)

select

(CAST(COUNT(DISTINCT activity.uid ) AS FLOAT8)/ CAST(COUNT(DISTINCT users.id) AS FLOAT8)\*100) as Conversion\_Rate

from activity

right Join users

on activity.uid = users.id

Query 8)

select "group",

(CAST(COUNT(DISTINCT activity.uid ) AS FLOAT8)/ CAST(COUNT(DISTINCT groups.uid) AS FLOAT8)\*100) as Conversion\_Rate

from activity

right Join groups

on activity.uid = groups.uid

GROUP BY "group"

select "group", COUNT(DISTINCT(activity.uid)), COUNT(DISTINCT(groups.uid))

from activity

right Join groups

on activity.uid = groups.uid

GROUP BY "group"

Query 9)

SELECT "group", count(distinct(Joined\_Table.uid)) as new\_uid, SUM(COALESCE(spent, 0)) as spent\_clean, SUM(COALESCE(spent, 0))/count(distinct(Joined\_Table.uid)) as Average\_spent

FROM (select groups.uid, "group", spent

from activity

right Join "groups"

on activity.uid = groups.uid) as Joined\_Table

GROUP BY "group"

**TOTAL DOWNLOADED CSV**

SELECT users.id, country, gender, groups.device, "group", SUM(COALESCE(spent, 0)) as spent\_all

from users

INNER JOIN "groups" on groups.uid = users.id

LEFT JOIN activity on users.id = activity.uid

GROUP BY users.id, country, gender, groups.device, "group"