**--Задача 1.1**

SELECT

name\_partner,

users,

is\_trial,

COUNT(\*) as count

FROM

(SELECT sc.\*, name\_partner,

ROW\_NUMBER() OVER (ORDER BY date\_purchase) as total,

ROW\_NUMBER() OVER (PARTITION BY user\_id ORDER BY date\_purchase) as users

FROM skycinema.client\_sign\_up sc LEFT JOIN skycinema.partner\_dict sp

on sc.partner = sp.id\_partner

) RNO

GROUP BY is\_trial, name\_partner, users

**--Задача 1.2**

SELECT S2.\*,

st2 / st1 as rt2,

st3 / st1 as rt3,

st4 / st1 as rt4,

st5 / st1 as rt5,

st6 / st1 as rt6

FROM

(SELECT

name\_partner,

SUM(CASE WHEN users = 1 THEN 1 ELSE 0 END)::float as st1,

SUM(CASE WHEN users = 2 THEN 1 ELSE 0 END)::float as st2,

SUM(CASE WHEN users = 3 THEN 1 ELSE 0 END)::float as st3,

SUM(CASE WHEN users = 4 THEN 1 ELSE 0 END)::float as st4,

SUM(CASE WHEN users = 5 THEN 1 ELSE 0 END)::float as st5,

SUM(CASE WHEN users = 6 THEN 1 ELSE 0 END)::float as st6

FROM

(SELECT sc.\*, name\_partner,

ROW\_NUMBER() OVER (PARTITION BY user\_id ORDER BY date\_purchase) as users

FROM skycinema.client\_sign\_up sc LEFT JOIN skycinema.partner\_dict sp

on sc.partner = sp.id\_partner

) S1

GROUP BY name\_partner

) S2