***Задача 1 часть 1***

select count (\*) as cnt

        , is\_trial

        , name\_partner

        ,rn\_User

from (

        select t.\*

             , name\_partner

             , row\_number () over (order by date\_purchase) as rn\_all

             , row\_number () over (partition by user\_id order by date\_purchase) as rn\_User

        from skycinema.client\_sign\_up t

             left join skycinema.partner\_dict as p

             on t.partner = p.id\_partner

    ) t

group by  is\_trial, name\_partner ,rn\_User

***Задача 1 часть 2***

select t.\*

    ,cnt2 / cnt1 as ret2

    ,cnt3 / cnt1 as ret3

    ,cnt4 / cnt1 as ret4

     ,cnt5 / cnt1 as ret5

     ,cnt6 / cnt1 as ret6

from (select name\_partner

                ,sum (case when rn = 1 then 1 else 0 end) :: float as cnt1

        ,sum (case when rn = 2 then 1 else 0 end) :: float as cnt2

         ,sum (case when rn = 3 then 1 else 0 end) as cnt3

        ,sum (case when rn = 4 then 1 else 0 end) as cnt4

        ,sum (case when rn = 5 then 1 else 0 end) as cnt5

         ,sum (case when rn = 6 then 1 else 0 end) as cnt6

         from (

            select t.\*

                 , name\_partner

                 , row\_number () over (partition by user\_id order by date\_purchase) as rn

            from skycinema.client\_sign\_up t

                 left join skycinema.partner\_dict as p

                 on t.partner = p.id\_partner

        ) t

    group by name\_partner

) t