select t.\*

, avg (t.sum\_payment) over (order by month\_purshase rows between 2 preceding and current row) as ma\_3

, avg (t.sum\_payment) over (order by month\_purshase rows between 6 preceding and current row) as ma\_7

, avg (t.sum\_payment) over (order by month\_purshase rows between 2 preceding and 2 following) as ma\_2\_5

from

(select date\_trunc ('month', date\_purchase::date) as month\_purshase

, sum (amt\_payment) as sum\_payment

from skycinema.client\_sign\_up

group by month\_purshase) t

select id\_client

, name\_city

, case when gender = 'M' then 1 else 0 end nflag\_gender

, age

, first\_time

, case when cellphone is null then 0 else 1 end nflag\_cellphone

, is\_active

, cl\_segm

, amt\_loan

, date\_loan::date

, credit\_type

--Суммарный объем кредитов выданных в данном городе

, sum(amt\_loan) over (partition by a.id\_city) as sum\_loan\_city

--Доля данного кредита среди всех кредитов, выданных в данном городе

, amt\_loan / sum(amt\_loan) over (partition by a.id\_city)::float as ratio\_in\_city

--Суммарный объем кредитов выданных в рамках данного типа кредита

, sum(amt\_loan) over (partition by credit\_type) as sum\_loan\_type

--Доля данного кредита среди всех кредитов, выданных в рамках данного типа кредита

, amt\_loan / sum(amt\_loan) over (partition by credit\_type)::float as ratio\_in\_type

--Суммарный объем кредитов выданных в рамках данного типа кредита и данного города

, sum(amt\_loan) over (partition by a.id\_city, credit\_type)::float as sum\_loan\_city\_type

--Доля данного кредита среди всех кредитов, выданных в рамках данного типа кредита и данного города

, amt\_loan / sum(amt\_loan) over (partition by a.id\_city, credit\_type)::float as ratio\_in\_city\_type

--Количество кредитов, выданных в данном городе

, count(amt\_loan) over (partition by a.id\_city) as cnt\_loan\_city

--Количество кредитов, выданных в рамках данного типа кредита

, count(amt\_loan) over (partition by credit\_type) as cnt\_loan\_type

--Количество кредитов, выданных в рамках данного типа кредита и данного города

, count(amt\_loan) over (partition by a.id\_city, credit\_type) as cnt\_loan\_city\_type

from skybank.late\_collection\_clients a

left join skybank.region\_dict b

on a.id\_city = b.id\_city

order by id\_client