

Задание Рассчитайте винтовую выдачу расщепки по клиентам после реструктуризации кредита (поле date_loan) по квартальным периодам. Надо вывести из анализа все реструктуризации, которые были выставлены после назначения расщепки. Рассчитайте лайфтайм реструктуризованного кредита до выдачи расщепки

```
select qtr -- по кварталам
, cnt_all -- все
, cnt_0/cnt_all cnt0 -- нулевой период 100%
, cnt_90/cnt_all cnt90
, cnt_180/cnt_all cnt180
, cnt_270/cnt_all cnt270
, cnt_360/cnt_all cnt360
, cnt_450/cnt_all cnt450
, cnt_540/cnt_all cnt540
, cnt_630/cnt_all cnt630
, cnt_720/cnt_all cnt_720
, cnt_810/cnt_all cnt810
, cnt_900/cnt_all cnt900
, cnt_990/cnt_all cnt990
, cnt_1080/cnt_all cnt1080
, cnt_1170/cnt_all cnt1170
from
(select date_trunc('quarter', date_loan-date) as
, count(*) cnt_all
, sum(case when date_rasschotka-date_loan-date=0 or date_rasschotka is null then 1 else 0 end)/float(cnt_0
, sum(case when date_rasschotka-date_loan-date=90 or date_rasschotka is null then 1 else 0 end)/float(cnt_90
, sum(case when date_rasschotka-date_loan-date=180 or date_rasschotka is null then 1 else 0 end)/float(cnt_180
, sum(case when date_rasschotka-date_loan-date=270 or date_rasschotka is null then 1 else 0 end)/float(cnt_270
, sum(case when date_rasschotka-date_loan-date=360 or date_rasschotka is null then 1 else 0 end)/float(cnt_360
, sum(case when date_rasschotka-date_loan-date=450 or date_rasschotka is null then 1 else 0 end)/float(cnt_450
, sum(case when date_rasschotka-date_loan-date=540 or date_rasschotka is null then 1 else 0 end)/float(cnt_540
, sum(case when date_rasschotka-date_loan-date=630 or date_rasschotka is null then 1 else 0 end)/float(cnt_630
, sum(case when date_rasschotka-date_loan-date=720 or date_rasschotka is null then 1 else 0 end)/float(cnt_720
, sum(case when date_rasschotka-date_loan-date=810 or date_rasschotka is null then 1 else 0 end)/float(cnt_810
, sum(case when date_rasschotka-date_loan-date=900 or date_rasschotka is null then 1 else 0 end)/float(cnt_900
, sum(case when date_rasschotka-date_loan-date=990 or date_rasschotka is null then 1 else 0 end)/float(cnt_990
, sum(case when date_rasschotka-date_loan-date=1080 or date_rasschotka is null then 1 else 0 end)/float(cnt_1080
, sum(case when date_rasschotka-date_loan-date=1170 or date_rasschotka is null then 1 else 0 end)/float(cnt_1170
from sklybank_loan_collection_clients a
left join sklybank_rasschotka b
on a.id_client = b.id_client
where i=1
and date_rasschotka > date_loan-date or date_rasschotka is null
group by qtr
order by qtr
)t
```

Корпоративная

вариант1

qtr	cnt_all	cnt0	cnt90	cnt180	cnt270	cnt360	cnt450	cnt540	cnt630	cnt720	cnt810	cnt900	cnt990	cnt1080	cnt1170
1	4/1/2018	192	100.00%	98.44%	97.92%	96.35%	92.71%	91.15%	90.10%	86.98%	85.42%	83.85%	80.73%	75.00%	66.67%
2	7/1/2018	211	100.00%	97.63%	95.26%	93.84%	89.57%	88.63%	85.31%	80.09%	76.30%	74.41%	68.25%	61.61%	52.13%
3	10/1/2018	209	100.00%	99.04%	94.26%	90.43%	85.65%	81.34%	80.38%	77.99%	73.21%	69.86%	57.89%	50.24%	49.28%
4	1/1/2019	224	100.00%	98.60%	95.98%	93.30%	91.52%	89.73%	86.61%	84.38%	76.34%	66.07%	57.14%	55.80%	54.83%
5	4/1/2019	194	100.00%	95.88%	92.78%	89.18%	81.96%	78.35%	76.29%	70.62%	63.92%	53.09%	52.58%	51.24%	50.28%
6	7/1/2019	213	100.00%	96.24%	92.96%	90.61%	87.79%	83.57%	79.81%	70.42%	59.62%	58.69%	58.17%	56.83%	55.87%
7	10/1/2019	206	100.00%	96.60%	93.69%	90.78%	87.38%	82.04%	71.84%	61.65%	61.17%	60.23%	59.71%	58.37%	57.45%
8	1/1/2020	237	100.00%	97.89%	94.09%	89.87%	85.23%	73.42%	59.92%	59.07%	58.59%	57.65%	57.13%	55.79%	54.84%
9	4/1/2020	226	100.00%	95.58%	92.92%	90.27%	77.43%	67.26%	65.49%	64.64%	64.16%	63.22%	62.70%	61.36%	60.41%
10	7/1/2020	227	100.00%	96.48%	89.87%	72.25%	62.11%	51.94%	50.17%	49.32%	48.84%	47.90%	47.38%	46.04%	45.09%
11	10/1/2020	225	100.00%	96.00%	84.44%	74.67%	73.78%	63.60%	61.83%	60.99%	60.50%	59.56%	59.00%	57.71%	56.75%
12	1/1/2021	156	100.00%	83.97%	71.79%	70.51%	69.62%	59.45%	57.68%	56.83%	56.35%	55.41%	54.89%	53.55%	52.60%
13	4/1/2021	48	100.00%	81.25%	69.07%	67.79%	66.50%	56.72%	54.95%	54.11%	53.62%	52.68%	52.17%	50.83%	49.87%

Корпоративная

вариант2

qtr	cnt_all	cnt0	cnt90	cnt180	cnt270	cnt360	cnt450	cnt540	cnt630	cnt720	cnt810	cnt900	cnt990	cnt1080	cnt1170
1	4/1/2018	192	100.00%	98.44%	97.92%	96.35%	92.71%	91.15%	90.10%	86.98%	85.42%	83.85%	80.73%	75.00%	66.67%
2	7/1/2018	211	100.00%	97.63%	95.26%	93.84%	89.57%	88.63%	85.31%	80.09%	76.30%	74.41%	68.25%	61.61%	52.13%
3	10/1/2018	209	100.00%	99.04%	94.26%	90.43%	85.65%	81.34%	80.38%	77.99%	73.21%	69.86%	57.89%	50.24%	49.28%
4	1/1/2019	224	100.00%	98.60%	95.98%	93.30%	91.52%	89.73%	86.61%	84.38%	76.34%	66.07%	57.14%	55.80%	54.83%
5	4/1/2019	194	100.00%	95.88%	92.78%	89.18%	81.96%	78.35%	76.29%	70.62%	63.92%	53.09%	52.58%	51.24%	50.28%
6	7/1/2019	213	100.00%	96.24%	92.96%	90.61%	87.79%	83.57%	79.81%	70.42%	59.62%	58.69%	58.17%	56.83%	55.87%
7	10/1/2019	206	100.00%	96.60%	93.69%	90.78%	87.38%	82.04%	71.84%	61.65%	61.17%	60.23%	59.71%	58.37%	57.45%
8	1/1/2020	237	100.00%	97.89%	94.09%	89.87%	85.23%	73.42%	59.92%	59.07%	58.59%	57.65%	57.13%	55.79%	54.84%
9	4/1/2020	226	100.00%	95.58%	92.92%	90.27%	77.43%	67.26%	65.49%	64.64%	64.16%	63.22%	62.70%	61.36%	60.41%
10	7/1/2020	227	100.00%	96.48%	89.87%	72.25%	62.11%	56.58%	53.52%	48.98%	44.25%	39.00%	32.76%	27.04%	20.17%
11	10/1/2020	225	100.00%	96.00%	84.44%	74.67%	73.78%	60.93%	57.64%	52.74%	47.65%	42.00%	35.28%	29.12%	15.09%
12	1/1/2021	156	100.00%	83.97%	71.79%	70.51%	70.39%	65.61%	62.07%	56.80%	53.32%	45.32%	37.99%	31.36%	23.39%
13	4/1/2021	48	100.00%	81.25%	69.07%	68.05%	75.43%	69.09%	65.06%	59.18%	52.94%	46.01%	37.75%	30.66%	22.00%

Корпоративная

вариант3

qtr	cnt_all	cnt0	cnt90	cnt180	cnt270	cnt360	cnt450	cnt540	cnt630	cnt720	cnt810	cnt900	cnt990	cnt1080	cnt1170
1	4/1/2018	192	100.00%	98.44%	97.92%	96.35%	92.71%	91.15%	90.10%	86.98%	85.42%	83.85%	80.73%	75.00%	66.67%
2	7/1/2018	211	100.00%	97.63%	95.26%	93.84%	89.57%	88.63%	85.31%	80.09%	76.30%	74.41%	68.25%	61.61%	52.13%
3	10/1/2018	209	100.00%	99.04%	94.26%	90.43%	85.65%	81.34%	80.38%	77.99%	73.21%	69.86%	57.89%	50.24%	49.28%
4	1/1/2019	224	100.00%	98.60%	95.98%	93.30%	91.52%	89.73%	86.61%	84.38%	76.34%	66.07%	57.14%	55.80%	54.83%
5	4/1/2019	194	100.00%	95.88%	92.78%	89.18%	81.96%	78.35%	76.29%	70.62%	63.92%	53.09%	52.58%	51.24%	50.28%
6	7/1/2019	213	100.00%	96.24%	92.96%	90.61%	87.79%	83.57%	79.81%	70.42%	59.62%	58.69%	58.17%	56.83%	55.87%
7	10/1/2019	206	100.00%	96.60%	93.69%	90.78%	87.38%	82.04%	71.84%	61.65%	61.17%	60.23%	59.71%	58.37%	57.45%
8	1/1/2020	237	100.00%	97.89%	94.09%	89.87%	85.23%	73.42%	59.92%	59.07%	58.59%	57.65%	57.13%	55.79%	54.84%
9	4/1/2020	226	100.00%	95.58%	92.92%	90.27%	77.43%	67.26%	65.49%	64.64%	64.16%	63.22%	62.70%	61.36%	60.41%
10	7/1/2020	227	100.00%	96.48%	89.87%	72.25%	62.11%	56.58%	53.52%	48.98%	44.25%	39.00%	32.76%	27.04%	20.17%
11	10/1/2020	225	100.00%	96.00%	84.44%	74.67%	73.78%	60.93%	57.64%	52.74%	47.65%	42.00%	35.28%	29.12%	15.09%
12	1/1/2021	156	100.00%	83.97%	71.79%	70.51%	70.39%	65.61%	62.07%	56.80%	53.32%	45.32%	37.99%	31.36%	23.39%
13	4/1/2021	48	100.00%	81.25%	69.07%	68.05%	75.43%	69.09%	65.06%	59.18%	52.94%	46.01%	37.75%	30.66%	22.00%

Корпоративная

вариант4

qtr	cnt_all	cnt0	cnt90	cnt180	cnt270	cnt360	cnt450	cnt540	cnt630	cnt720	cnt810	cnt900	cnt990	cnt1080	cnt1170
1	4/1/2018	192	100.00%	98.44%	97.92%	96.35%	92.71%	91.15%	90.10%	86.98%	85.42%	83.85%	80.73%	75.00%	66.67%
2	7/1/2018	211	100.00%	97.63%	95.26%	93.84%	89.57%	88.63%	85.31%	80.09%	76.30%	74.41%	68.25%	61.61%	52.13%
3	10/1/2018	209	100.00%	99.04%	94.26%	90.43%	85.65%	81.34%	80.38%	77.99%	73.21%	69.86%	57.89%	50.24%	49.28%
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5	4/1/2019	194	100.00%	95.88%	92.78%	89.18%	81.96%	78.35%	76.29%	70.62%	63.92%	53.09%	52.58%	51.24%	50.28%
6	7/1/2019	213	100.00%	96.24%	92.96%	90.61%	87.79%	83.57%	79.81%	70.42%	59.62%	58.69%	58.17%	56.83%	55.87%
7	10/1/2019	206	100.00%	96.60%	93.69%	90.78%	87.38%	82.04%	71.84%	61.65%	61.17%	60.23%	59.71%	58.37%	57.45%
8	1/1/2020	237	100.00%	97.89%	94.09%	89.87%	85.23%	73.42%	59.92%	59.07%	58.59%	57.65%	57.13%	55.79%	54.84%
9	4/1/2020	226	100.00%	95.58%	92.92%	90.27%	77.43%	67.26%	65.49%	64.64%	64.16%	63.22%	62.70%	61.36%	60.41%
10	7/1/2020	227	100.00%	96.48%	89.87%	72.25%	62.11%	56.58%	53.52%	48.98%	44.25%	39.00%	32.76%	27.04%	20.17%
11	10/1/2020	225	100.00%	96.00%	84.44%	74.67%	73.78%	60.93%	57.64%	52.74%	47.65%	42.00%	35.28%	29.12%	15.09%
12	1/1/2021	156	100.00%	83.97%	71.79%	70.51%	70.39%	65.61%	62.07%	56.80%	53.32%	45.32%	37.99%	31.36%	23.39%
13	4/1/2021	48	100.00%	81.25%	69.07%	68.05%	75.43%	69.09%	65.06%	59.18%	52.94%	46.01%	37.75%	30.66%	22.00%

Корпоративная

вариант5

1	4/1/2018	192	100.00%	98.44%	97.92%	96.35%	92.71%	91.15%	90.10%	86.98%	85.42%	83.85%	80.73%	75.00%	66.67%
2	7/1/2018	211	100.00%	97.63%	95.26%	93.84%	89.57%	88.63%	85.31%	80.09%	76.30%	74.41%	68.25%	61.61%	52.13%
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4	1/1/2019	224	100.00%	98.60%	95.98%	93.30%	91.52%	89.73%	86.61%	84.38%	76.34%	66.07%	57.14%	55.80%	54.83%
5	4/1/2019	194	100.00%	95.88%	92.78%	89.18%	81.96%	78.35%	76.29%	70.62%	63.92%	53.09%	52.58%	51.24%	50.28%
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8	1/1/2020	237	100.00%	97.89%	94.09%	89.87%	85.23%	73.42%	59.92%	59.07%	58.59%	57.65%	57.13%	55.79%	54.84%
9	4/1/2020	226	100.00%	95.58%	92.92%	90.27%	77.43%	67.26%	65.49%	64.64%	64.16%	63.22%	62.70%	61.36%	60.41%
10	7/1/2020	227	100.00%	96.48%	89.87%	72.25%	62.11%	56.58%	53.52%	48.98%	44.25%	39.00%	32.76%	27.04%	20.17%
11	10/1/2020	225	100.00%	96.00%	84.44%	74.67%	73.78%	60.93%	55.19%	7.39%	8.22%	0.00%	0.00%	0.00%	0.00%
12	1/1/2021	156	100.00%	81.97%	71.79%	70.11%	38.09%	50.00%	12.40%	5.12%	0.00%	0.00%	0.00%	0.00%	0.00%
13	4/1/2021	161	100.00%	84.44%	71.79%	70.11%	31.19%	24.48%	11.19%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
14	7/1/2021	167	100.00%	57.96%	52.29%	48.22%	38.27%	19.34%	16.14%	6.39%	0.00%	0.00%	0.00%	0.00%	0.00%

мание разные факторы, которые могут повлиять на предска
т с 9 месяцев до 2 месяцев.
ть разные риски.