

[5-5. 현금흐름 구현] ¶

```
In [1]: #pandas DataFrame 화면상 출력 한도 설정
import pandas as pd
pd.set_option('display.max_row', 500)
pd.set_option('display.max_columns', None)
pd.set_option('display.width', 200)
```

1. 한단계씩 현금흐름 추적하기

```
In [2]: from practice.astn0_overview import overview, idx, acc
from practice.astn1_sales import sales
from practice.astn2_cost import cost
from practice.astn3_equity import equity
from practice.astn4_loan import loan
```

```
In [3]: idxno = idx[0]

#운영계좌 잔액 확인
_ = acc.oprtg.bal_strt[idxno]
acc.tmp.addamt(idxno, _, note="월초 잔액")

#자기자본 인출
_ = equity.withdraw_equity_amount(idxno, acc.oprtg)
acc.tmp.addamt(idxno, _, note="자기자본 납입")

#사업비 추정
oprtg_estmtd = cost.estimate_cost_amt(idxno)

lncst_estmtd = 0
for ln in loan.getloan(reverse=True):
    lncst_estmtd += ln.estimate_fee_amt(idxno)
    lncst_estmtd += ln.estimate_IR_amt(idxno)

cst_estmtd = oprtg_estmtd + lncst_estmtd
acc.tmp.subscd(idxno, cst_estmtd, note="추정 사업비")

#분양매출 인식
for sls in sales.dct.values():
    _ = sls.get_salesamt(acc.oprtg, idxno)
    acc.tmp.addamt(idxno, _, note=f"분양매출({sls.name})")

#대출원금 인출
for ln in loan.getloan(reverse=True):
    ln.set_loan_withdrawable(idxno)
```

```

_ = ln.withdraw_ntnl_fixed(acc.oprtg, idxno)
acc.tmp.addamt(idxno, _, note=f"일시대출금({ln.name})")

for ln in loan.getloan(reverse=True):
    _ = ln.withdraw_ntnl_flexible(acc.tmp, acc.oprtg, idxno)
    acc.tmp.addamt(idxno, _, note=f"한도대출금({ln.name})")

#금융비용 지출
for ln in loan.getloan(reverse=False):
    fee = ln.pay_fee_amt(acc.oprtg, idxno)
    IR = ln.pay_IR_amt(acc.oprtg, idxno)
    acc.tmp.subamt(idxno, fee, note=f"수수료({ln.name})")
    acc.tmp.subamt(idxno, IR, note=f"이자({ln.name})")

#일반사업비 지출
_ = cost.pay_cost_amt(acc.oprtg, idxno)
acc.tmp.subamt(idxno, _, note="일반사업비")

#대출원금 상환
for ln in loan.getloan(reverse=False):
    amtrpy = ln.repay_ntnl_amt(acc.oprtg, idxno)
    acc.tmp.subamt(idxno, amtrpy, note=f"대출금상환({ln.name})")
    ln.setback_loan_unwithdrawable(idxno)

#임시계좌 현금 조정
acc.tmp.subamt(idxno, acc.tmp.bal_end[idxno], note="임시계좌 잔액 조정")

```

In [4]: acc.tmp.jnlscd

Out[4]:

	amt_in	amt_out	rcvfrm	payto	note
2023-01-31	0	0.0	None	None	추정 사업비

In [5]: acc.tmp.jnl

Out[5]:

	amt_in	amt_out	rcvfrm	payto	note
2023-01-31	5000	0	None	None	자기자본 납입
2023-01-31	0	5000.0	None	None	임시계좌 잔액 조정

In [6]: acc.oprtg.df

Out[6]:

	bal_strt	amt_in	amt_out	bal_end
2023-01-31	0.0	5000.0	0.0	5000.0
2023-02-28	5000.0	0.0	0.0	5000.0
2023-03-31	5000.0	0.0	0.0	5000.0
2023-04-30	5000.0	0.0	0.0	5000.0
2023-05-31	5000.0	0.0	0.0	5000.0
2023-06-30	5000.0	0.0	0.0	5000.0
2023-07-31	5000.0	0.0	0.0	5000.0
2023-08-31	5000.0	0.0	0.0	5000.0
2023-09-30	5000.0	0.0	0.0	5000.0
2023-10-31	5000.0	0.0	0.0	5000.0
2023-11-30	5000.0	0.0	0.0	5000.0
2023-12-31	5000.0	0.0	0.0	5000.0
2024-01-31	5000.0	0.0	0.0	5000.0
2024-02-29	5000.0	0.0	0.0	5000.0
2024-03-31	5000.0	0.0	0.0	5000.0
2024-04-30	5000.0	0.0	0.0	5000.0
2024-05-31	5000.0	0.0	0.0	5000.0
2024-06-30	5000.0	0.0	0.0	5000.0
2024-07-31	5000.0	0.0	0.0	5000.0
2024-08-31	5000.0	0.0	0.0	5000.0
2024-09-30	5000.0	0.0	0.0	5000.0
2024-10-31	5000.0	0.0	0.0	5000.0
2024-11-30	5000.0	0.0	0.0	5000.0
2024-12-31	5000.0	0.0	0.0	5000.0
2025-01-31	5000.0	0.0	0.0	5000.0
2025-02-28	5000.0	0.0	0.0	5000.0
2025-03-31	5000.0	0.0	0.0	5000.0
2025-04-30	5000.0	0.0	0.0	5000.0
2025-05-31	5000.0	0.0	0.0	5000.0
2025-06-30	5000.0	0.0	0.0	5000.0

In [7]: acc.oprtg.jnl

Out[7]:

	amt_in	amt_out	rcvfrm	payto	note
2023-01-31	5000	0	보통주	None	자기자본 납입

In []:

2. For문을 통해 일괄적으로 현금흐름 추적하기

```
In [9]: from practice.astn0_overview import overview, idx, acc
from practice.astn1_sales import sales
from practice.astn2_cost import cost
from practice.astn3_equity import equity
from practice.astn4_loan import loan
```

```
In [10]: for idxno in idx:
    #운영계좌 잔액 확인
    _ = acc.oprtg.bal_strt[idxno]
    acc.tmp.addamt(idxno, _, note="월초 잔액")

    #자기자본 인출
    _ = equity.withdraw_equity_amount(idxno, acc.oprtg)
    acc.tmp.addamt(idxno, _, note="자기자본 납입")

    #사업비 추정
    oprtg_estmtd = cost.estimate_cost_amt(idxno)

    lncst_estmtd = 0
    for ln in loan.getloan(reverse=True):
        lncst_estmtd += ln.estimate_fee_amt(idxno)
        lncst_estmtd += ln.estimate_IR_amt(idxno)

    cst_estmtd = oprtg_estmtd + lncst_estmtd
    acc.tmp.subscd(idxno, cst_estmtd, note="추정 사업비")

    #분양매출 인식
    for sls in sales.dct.values():
        _ = sls.get_salesamt(acc.oprtg, idxno)
        acc.tmp.addamt(idxno, _, note=f"분양매출({sls.name})")

    #대출원금 인출
    for ln in loan.getloan(reverse=True):
        ln.set_loan_withdrawable(idxno)
        _ = ln.withdraw_ntnl_fixed(acc.oprtg, idxno)
        acc.tmp.addamt(idxno, _, note=f"일시대출금({ln.name})")

    for ln in loan.getloan(reverse=True):
```

```

_ = ln.withdraw_ntnl_flexible(acc.tmp, acc.oprtg, idxno)
acc.tmp.addamt(idxno, _, note=f"한도대출금 ({ln.name})")

#금융비용 지출
for ln in loan.getloan(reverse=False):
    fee = ln.pay_fee_amt(acc.oprtg, idxno)
    IR = ln.pay_IR_amt(acc.oprtg, idxno)
    acc.tmp.subamt(idxno, fee, note=f"수수료 ({ln.name})")
    acc.tmp.subamt(idxno, IR, note=f"이자 ({ln.name})")

#일반사업비 지출
_ = cost.pay_cost_amt(acc.oprtg, idxno)
acc.tmp.subamt(idxno, _, note="일반사업비")

#대출원금 상환
for ln in loan.getloan(reverse=False):
    amtrpy = ln.repay_ntnl_amt(acc.oprtg, idxno)
    acc.tmp.subamt(idxno, amtrpy, note=f"대출금상환 ({ln.name})")
    ln.setback_loan_unwithdrawable(idxno)

#임시계좌 현금 조정
acc.tmp.subamt(idxno, acc.tmp.bal_end[idxno], note="임시계좌 잔액
조정")

```

In [11]: acc.tmp.jnl

Out[11]:

	amt_in	amt_out	rcvfrm	payto	note
2023-01-31	5000	0	None	None	자기자본 납입
2023-01-31	0	5000.0	None	None	임시계좌 잔액 조정
2023-01-31	5000	0	None	None	자기자본 납입
2023-01-31	0	5000.0	None	None	임시계좌 잔액 조정
2023-02-28	10000.0	0	None	None	월초 잔액
2023-02-28	0	10000.0	None	None	임시계좌 잔액 조정
2023-03-31	10000.0	0	None	None	월초 잔액
2023-03-31	5000	0	None	None	일시대출금(trb)
2023-03-31	5000	0	None	None	일시대출금(tra)
2023-03-31	4700.0	0	None	None	한도대출금(tra)
2023-03-31	0	800.0	None	None	수수료(tra)
2023-03-31	0	300.0	None	None	수수료(trb)
2023-03-31	0	23516.407407	None	None	일반사업비
2023-03-31	0	83.592593	None	None	임시계좌 잔액 조정
2023-04-30	83.592593	0	None	None	월초 잔액
2023-04-30	1303.2	0	None	None	분양매출(오피)

2023-04-30	700.0	0	None	None	한도대출금(tra)
2023-04-30	0	48.5	None	None	이자(tra)
2023-04-30	0	37.5	None	None	이자(trb)
2023-04-30	0	1959.164907	None	None	일반사업비
2023-04-30	0	41.627685	None	None	임시계좌 잔액 조정
2023-05-31	41.627685	0	None	None	월초 잔액
2023-05-31	600.0	0	None	None	한도대출금(tra)
2023-05-31	0	52.0	None	None	이자(tra)
2023-05-31	0	37.5	None	None	이자(trb)
2023-05-31	0	498.135907	None	None	일반사업비
2023-05-31	0	53.991778	None	None	임시계좌 잔액 조정
2023-06-30	53.991778	0	None	None	월초 잔액
2023-06-30	700.0	0	None	None	한도대출금(tra)
2023-06-30	0	55.0	None	None	이자(tra)
2023-06-30	0	37.5	None	None	이자(trb)
2023-06-30	0	563.030407	None	None	일반사업비
2023-06-30	0	98.46137	None	None	임시계좌 잔액 조정
2023-07-31	98.46137	0	None	None	월초 잔액
2023-07-31	500.0	0	None	None	한도대출금(tra)
2023-07-31	0	58.5	None	None	이자(tra)
2023-07-31	0	37.5	None	None	이자(trb)
2023-07-31	0	454.872907	None	None	일반사업비
2023-07-31	0	47.588463	None	None	임시계좌 잔액 조정
2023-08-31	47.588463	0	None	None	월초 잔액
2023-08-31	600.0	0	None	None	한도대출금(tra)
2023-08-31	0	61.0	None	None	이자(tra)
2023-08-31	0	37.5	None	None	이자(trb)
2023-08-31	0	519.767407	None	None	일반사업비
2023-08-31	0	29.321056	None	None	임시계좌 잔액 조정
2023-09-30	29.321056	0	None	None	월초 잔액
2023-09-30	1303.2	0	None	None	분양매출(오피)
2023-09-30	0	64.0	None	None	이자(tra)
2023-09-30	0	37.5	None	None	이자(trb)
2023-09-30	0	671.187907	None	None	일반사업비

2023-09-30	0	559.833148	None	None	임시계좌 잔액 조정
2023-10-31	559.833148	0	None	None	월초 잔액
2023-10-31	2606.4	0	None	None	분양매출(오피)
2023-10-31	0	64.0	None	None	이자(tra)
2023-10-31	0	37.5	None	None	이자(trb)
2023-10-31	0	1474.208407	None	None	일반사업비
2023-10-31	0	1590.524741	None	None	임시계좌 잔액 조정
2023-11-30	1590.524741	0	None	None	월초 잔액
2023-11-30	0	64.0	None	None	이자(tra)
2023-11-30	0	37.5	None	None	이자(trb)
2023-11-30	0	909.134407	None	None	일반사업비
2023-11-30	0	579.890333	None	None	임시계좌 잔액 조정
2023-12-31	579.890333	0	None	None	월초 잔액
2023-12-31	400.0	0	None	None	한도대출금(tra)
2023-12-31	0	64.0	None	None	이자(tra)
2023-12-31	0	37.5	None	None	이자(trb)
2023-12-31	0	844.239907	None	None	일반사업비
2023-12-31	0	34.150426	None	None	임시계좌 잔액 조정
2024-01-31	34.150426	0	None	None	월초 잔액
2024-01-31	900.0	0	None	None	한도대출금(tra)
2024-01-31	0	66.0	None	None	이자(tra)
2024-01-31	0	37.5	None	None	이자(trb)
2024-01-31	0	822.608407	None	None	일반사업비
2024-01-31	0	8.042019	None	None	임시계좌 잔액 조정
2024-02-29	8.042019	0	None	None	월초 잔액
2024-02-29	2606.4	0	None	None	분양매출(오피)
2024-02-29	0	70.5	None	None	이자(tra)
2024-02-29	0	37.5	None	None	이자(trb)
2024-02-29	0	822.608407	None	None	일반사업비
2024-02-29	0	1683.833611	None	None	임시계좌 잔액 조정
2024-03-31	1683.833611	0	None	None	월초 잔액
2024-03-31	0	70.5	None	None	이자(tra)
2024-03-31	0	37.5	None	None	이자(trb)
2024-03-31	0	952.397407	None	None	일반사업비

2024-03-31	0	623.436204	None	None	임시계좌 잔액 조정
2024-04-30	623.436204	0	None	None	월초 잔액
2024-04-30	3909.6	0	None	None	분양매출(오피)
2024-04-30	0	70.5	None	None	이자(tra)
2024-04-30	0	37.5	None	None	이자(trb)
2024-04-30	0	1798.680907	None	None	일반사업비
2024-04-30	0	2626.355296	None	None	임시계좌 잔액 조정
2024-05-31	2626.355296	0	None	None	월초 잔액
2024-05-31	0	70.5	None	None	이자(tra)
2024-05-31	0	37.5	None	None	이자(trb)
2024-05-31	0	1406.658907	None	None	일반사업비
2024-05-31	0	1111.696389	None	None	임시계좌 잔액 조정
2024-06-30	1111.696389	0	None	None	월초 잔액
2024-06-30	700.0	0	None	None	한도대출금(tra)
2024-06-30	0	70.5	None	None	이자(tra)
2024-06-30	0	37.5	None	None	이자(trb)
2024-06-30	0	1666.236907	None	None	일반사업비
2024-06-30	0	37.459481	None	None	임시계좌 잔액 조정
2024-07-31	37.459481	0	None	None	월초 잔액
2024-07-31	3909.6	0	None	None	분양매출(오피)
2024-07-31	0	74.0	None	None	이자(tra)
2024-07-31	0	37.5	None	None	이자(trb)
2024-07-31	0	1817.657407	None	None	일반사업비
2024-07-31	0	2017.902074	None	None	임시계좌 잔액 조정
2024-08-31	2017.902074	0	None	None	월초 잔액
2024-08-31	0	74.0	None	None	이자(tra)
2024-08-31	0	37.5	None	None	이자(trb)
2024-08-31	0	1904.183407	None	None	일반사업비
2024-08-31	0	2.218667	None	None	임시계좌 잔액 조정
2024-09-30	2.218667	0	None	None	월초 잔액
2024-09-30	2000.0	0	None	None	한도대출금(tra)
2024-09-30	0	74.0	None	None	이자(tra)
2024-09-30	0	37.5	None	None	이자(trb)
2024-09-30	0	1839.288907	None	None	일반사업비

2024-09-30	0	51.429759	None	None	임시계좌 잔액 조정
2024-10-31	51.429759	0	None	None	월초 잔액
2024-10-31	5212.8	0	None	None	분양매출(오피)
2024-10-31	0	84.0	None	None	이자(tra)
2024-10-31	0	37.5	None	None	이자(trb)
2024-10-31	0	2404.362907	None	None	일반사업비
2024-10-31	0	2738.366852	None	None	임시계좌 잔액 조정
2024-11-30	2738.366852	0	None	None	월초 잔액
2024-11-30	0	84.0	None	None	이자(tra)
2024-11-30	0	37.5	None	None	이자(trb)
2024-11-30	0	1644.605407	None	None	일반사업비
2024-11-30	0	972.261444	None	None	임시계좌 잔액 조정
2024-12-31	972.261444	0	None	None	월초 잔액
2024-12-31	5212.8	0	None	None	분양매출(오피)
2024-12-31	0	84.0	None	None	이자(tra)
2024-12-31	0	37.5	None	None	이자(trb)
2024-12-31	0	1514.816407	None	None	일반사업비
2024-12-31	0	4548.745037	None	None	임시계좌 잔액 조정
2025-01-31	4548.745037	0	None	None	월초 잔액
2025-01-31	0	84.0	None	None	이자(tra)
2025-01-31	0	37.5	None	None	이자(trb)
2025-01-31	0	1320.132907	None	None	일반사업비
2025-01-31	0	3107.11213	None	None	임시계좌 잔액 조정
2025-02-28	3107.11213	0	None	None	월초 잔액
2025-02-28	0	84.0	None	None	이자(tra)
2025-02-28	0	37.5	None	None	이자(trb)
2025-02-28	0	1017.291907	None	None	일반사업비
2025-02-28	0	1968.320222	None	None	임시계좌 잔액 조정
2025-03-31	1968.320222	0	None	None	월초 잔액
2025-03-31	0	84.0	None	None	이자(tra)
2025-03-31	0	37.5	None	None	이자(trb)
2025-03-31	0	1299.534465	None	None	일반사업비
2025-03-31	0	547.285757	None	None	임시계좌 잔액 조정
2025-04-30	547.285757	0	None	None	월초 잔액

2025-04-30	39096.0	0	None	None	분양매출(오피)
2025-04-30	5600.0	0	None	None	분양매출(근생)
2025-04-30	0	84.0	None	None	이자(tra)
2025-04-30	0	37.5	None	None	이자(trb)
2025-04-30	0	1258.263407	None	None	일반사업비
2025-04-30	0	43863.522349	None	None	임시계좌 잔액 조정
2025-05-31	43863.522349	0	None	None	월초 잔액
2025-05-31	0	84.0	None	None	이자(tra)
2025-05-31	0	37.5	None	None	이자(trb)
2025-05-31	0	26.207407	None	None	일반사업비
2025-05-31	0	40000.0	None	None	대출금상환(tra)
2025-05-31	0	5000.0	None	None	대출금상환(trb)
2025-05-31	0	-1284.185058	None	None	임시계좌 잔액 조정
2025-06-30	-1284.185058	0	None	None	월초 잔액
2025-06-30	0	-1284.185058	None	None	임시계좌 잔액 조정

In [12]: `acc.oprtg.jnl`

Out[12]:

	amt_in	amt_out	rcvfrm	payto	note
2023-01-31	5000	0	보통주	None	자기자본 납입
2023-01-31	5000	0	보통주	None	자기자본 납입
2023-03-31	5000	0	ntnl	None	일시대출금(trb)
2023-03-31	5000	0	ntnl	None	일시대출금(tra)
2023-03-31	4700.0	0	ntnl	None	한도대출금(tra)
...
2025-05-31	0	84.0	None	IR	이자(tra)
2025-05-31	0	37.5	None	IR	이자(trb)
2025-05-31	0	26.207407	None	예비비	예비비
2025-05-31	0	40000.0	None	ntnl	대출금상환(tra)
2025-05-31	0	5000.0	None	ntnl	대출금상환(trb)

247 rows × 5 columns

In [13]: `acc.oprtg.df`

Out[13]:

	bal_strt	amt_in	amt_out	bal_end
2023-01-31	0.000000	10000.0	0.000000	10000.000000
2023-02-28	10000.000000	0.0	0.000000	10000.000000
2023-03-31	10000.000000	14700.0	24616.407407	83.592593
2023-04-30	83.592593	2003.2	2045.164907	41.627685
2023-05-31	41.627685	600.0	587.635907	53.991778
2023-06-30	53.991778	700.0	655.530407	98.461370
2023-07-31	98.461370	500.0	550.872907	47.588463
2023-08-31	47.588463	600.0	618.267407	29.321056
2023-09-30	29.321056	1303.2	772.687907	559.833148
2023-10-31	559.833148	2606.4	1575.708407	1590.524741
2023-11-30	1590.524741	0.0	1010.634407	579.890333
2023-12-31	579.890333	400.0	945.739907	34.150426
2024-01-31	34.150426	900.0	926.108407	8.042019
2024-02-29	8.042019	2606.4	930.608407	1683.833611
2024-03-31	1683.833611	0.0	1060.397407	623.436204
2024-04-30	623.436204	3909.6	1906.680907	2626.355296
2024-05-31	2626.355296	0.0	1514.658907	1111.696389
2024-06-30	1111.696389	700.0	1774.236907	37.459481
2024-07-31	37.459481	3909.6	1929.157407	2017.902074
2024-08-31	2017.902074	0.0	2015.683407	2.218667
2024-09-30	2.218667	2000.0	1950.788907	51.429759
2024-10-31	51.429759	5212.8	2525.862907	2738.366852
2024-11-30	2738.366852	0.0	1766.105407	972.261444
2024-12-31	972.261444	5212.8	1636.316407	4548.745037
2025-01-31	4548.745037	0.0	1441.632907	3107.112130
2025-02-28	3107.112130	0.0	1138.791907	1968.320222
2025-03-31	1968.320222	0.0	1421.034465	547.285757
2025-04-30	547.285757	44696.0	1379.763407	43863.522349
2025-05-31	43863.522349	0.0	45147.707407	-1284.185058
2025-06-30	-1284.185058	0.0	0.000000	-1284.185058

In [14]: sales.오피.dfall

Out[14]:

Output 14 :

	scd_in	scd_in_cum	scd_out	scd_out_cum	bal_strt	amt_in	amt_in_cum	amt_out
2023-01-31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023-02-28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023-03-31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023-04-30	0.0	0.0	1303.2	1303.2	0.0	0.0	0.0	1303.2
2023-05-31	0.0	0.0	0.0	1303.2	-1303.2	0.0	0.0	0.0
2023-06-30	0.0	0.0	0.0	1303.2	-1303.2	0.0	0.0	0.0
2023-07-31	0.0	0.0	0.0	1303.2	-1303.2	0.0	0.0	0.0
2023-08-31	0.0	0.0	0.0	1303.2	-1303.2	0.0	0.0	0.0
2023-09-30	0.0	0.0	1303.2	2606.4	-1303.2	0.0	0.0	1303.2
2023-10-31	0.0	0.0	2606.4	5212.8	-2606.4	0.0	0.0	2606.4
2023-11-30	0.0	0.0	0.0	5212.8	-5212.8	0.0	0.0	0.0
2023-12-31	0.0	0.0	0.0	5212.8	-5212.8	0.0	0.0	0.0
2024-01-31	0.0	0.0	0.0	5212.8	-5212.8	0.0	0.0	0.0
2024-02-29	0.0	0.0	2606.4	7819.2	-5212.8	0.0	0.0	2606.4
2024-03-31	0.0	0.0	0.0	7819.2	-7819.2	0.0	0.0	0.0
2024-04-30	0.0	0.0	3909.6	11728.8	-7819.2	0.0	0.0	3909.6
2024-05-31	0.0	0.0	0.0	11728.8	-11728.8	0.0	0.0	0.0
2024-06-30	0.0	0.0	0.0	11728.8	-11728.8	0.0	0.0	0.0
2024-07-31	0.0	0.0	3909.6	15638.4	-11728.8	0.0	0.0	3909.6
2024-08-31	0.0	0.0	0.0	15638.4	-15638.4	0.0	0.0	0.0
2024-09-30	0.0	0.0	0.0	15638.4	-15638.4	0.0	0.0	0.0

2024-10-31	0.0	0.0	5212.8	20851.2	-15638.4	0.0	0.0	5212.8
2024-11-30	0.0	0.0	0.0	20851.2	-20851.2	0.0	0.0	0.0
2024-12-31	0.0	0.0	5212.8	26064.0	-20851.2	0.0	0.0	5212.8
2025-01-31	0.0	0.0	0.0	26064.0	-26064.0	0.0	0.0	0.0
2025-02-28	0.0	0.0	0.0	26064.0	-26064.0	0.0	0.0	0.0
2025-03-31	0.0	0.0	0.0	26064.0	-26064.0	0.0	0.0	0.0
2025-04-30	0.0	0.0	39096.0	65160.0	-26064.0	0.0	0.0	39096.0
2025-05-31	0.0	0.0	0.0	65160.0	-65160.0	0.0	0.0	0.0
2025-06-30	0.0	0.0	0.0	65160.0	-65160.0	0.0	0.0	0.0

In [15]: `sales.근생.dfall`

Out[15]:

	scd_in	scd_in_cum	scd_out	scd_out_cum	bal_strt	amt_in	amt_in_cum	amt_out
2023-01-31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023-02-28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023-03-31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023-04-30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023-05-31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023-06-30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023-07-31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023-08-31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023-09-30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023-10-31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023-								

11-30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023-12-31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024-01-31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024-02-29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024-03-31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024-04-30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024-05-31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024-06-30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024-07-31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024-08-31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024-09-30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024-10-31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024-11-30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024-12-31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025-01-31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025-02-28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025-03-31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2025-04-30	0.0	0.0	5600.0	5600.0	0.0	0.0	0.0	5600.0
2025-05-31	0.0	0.0	0.0	5600.0	-5600.0	0.0	0.0	0.0
2025-06-30	0.0	0.0	0.0	5600.0	-5600.0	0.0	0.0	0.0

In [16]: `loan.tra.ntnl.dfall`

Out[16]:

	scd_in	scd_in_cum	scd_out	scd_out_cum	bal_strt	amt_in	amt_in_cum	amt_out
2023-01-31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
2023-02-28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
2023-03-31	0.0	0.0	40000.0	40000.0	0.0	0.0	0.0	9700
2023-04-30	0.0	0.0	0.0	40000.0	-9700.0	0.0	0.0	700
2023-05-31	0.0	0.0	0.0	40000.0	-10400.0	0.0	0.0	600
2023-06-30	0.0	0.0	0.0	40000.0	-11000.0	0.0	0.0	700
2023-07-31	0.0	0.0	0.0	40000.0	-11700.0	0.0	0.0	500
2023-08-31	0.0	0.0	0.0	40000.0	-12200.0	0.0	0.0	600
2023-09-30	0.0	0.0	0.0	40000.0	-12800.0	0.0	0.0	0
2023-10-31	0.0	0.0	0.0	40000.0	-12800.0	0.0	0.0	0
2023-11-30	0.0	0.0	0.0	40000.0	-12800.0	0.0	0.0	0
2023-12-31	0.0	0.0	0.0	40000.0	-12800.0	0.0	0.0	400
2024-01-31	0.0	0.0	0.0	40000.0	-13200.0	0.0	0.0	900
2024-02-29	0.0	0.0	0.0	40000.0	-14100.0	0.0	0.0	0
2024-03-31	0.0	0.0	0.0	40000.0	-14100.0	0.0	0.0	0
2024-04-30	0.0	0.0	0.0	40000.0	-14100.0	0.0	0.0	0
2024-05-31	0.0	0.0	0.0	40000.0	-14100.0	0.0	0.0	0
2024-06-30	0.0	0.0	0.0	40000.0	-14100.0	0.0	0.0	700
2024-07-31	0.0	0.0	0.0	40000.0	-14800.0	0.0	0.0	0
2024-08-31	0.0	0.0	0.0	40000.0	-14800.0	0.0	0.0	0
2024-09-30	0.0	0.0	0.0	40000.0	-14800.0	0.0	0.0	2000

2024-10-31	0.0	0.0	0.0	40000.0	-16800.0	0.0	0.0	0
2024-11-30	0.0	0.0	0.0	40000.0	-16800.0	0.0	0.0	0
2024-12-31	0.0	0.0	0.0	40000.0	-16800.0	0.0	0.0	0
2025-01-31	0.0	0.0	0.0	40000.0	-16800.0	0.0	0.0	0
2025-02-28	0.0	0.0	0.0	40000.0	-16800.0	0.0	0.0	0
2025-03-31	0.0	0.0	0.0	40000.0	-16800.0	0.0	0.0	0
2025-04-30	0.0	0.0	0.0	40000.0	-16800.0	0.0	0.0	0
2025-05-31	40000.0	40000.0	0.0	40000.0	-16800.0	40000.0	40000.0	0
2025-06-30	0.0	40000.0	0.0	40000.0	23200.0	0.0	40000.0	0

In []: