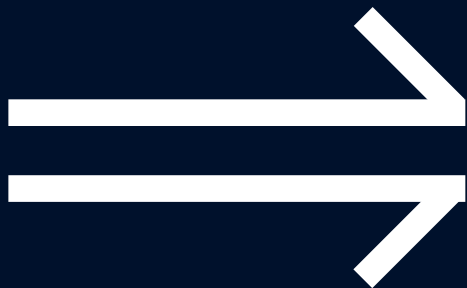


UUIDv7: the perfect partitioning key





2025-01-01

2025-02-01



2025-02-01

2025-03-01



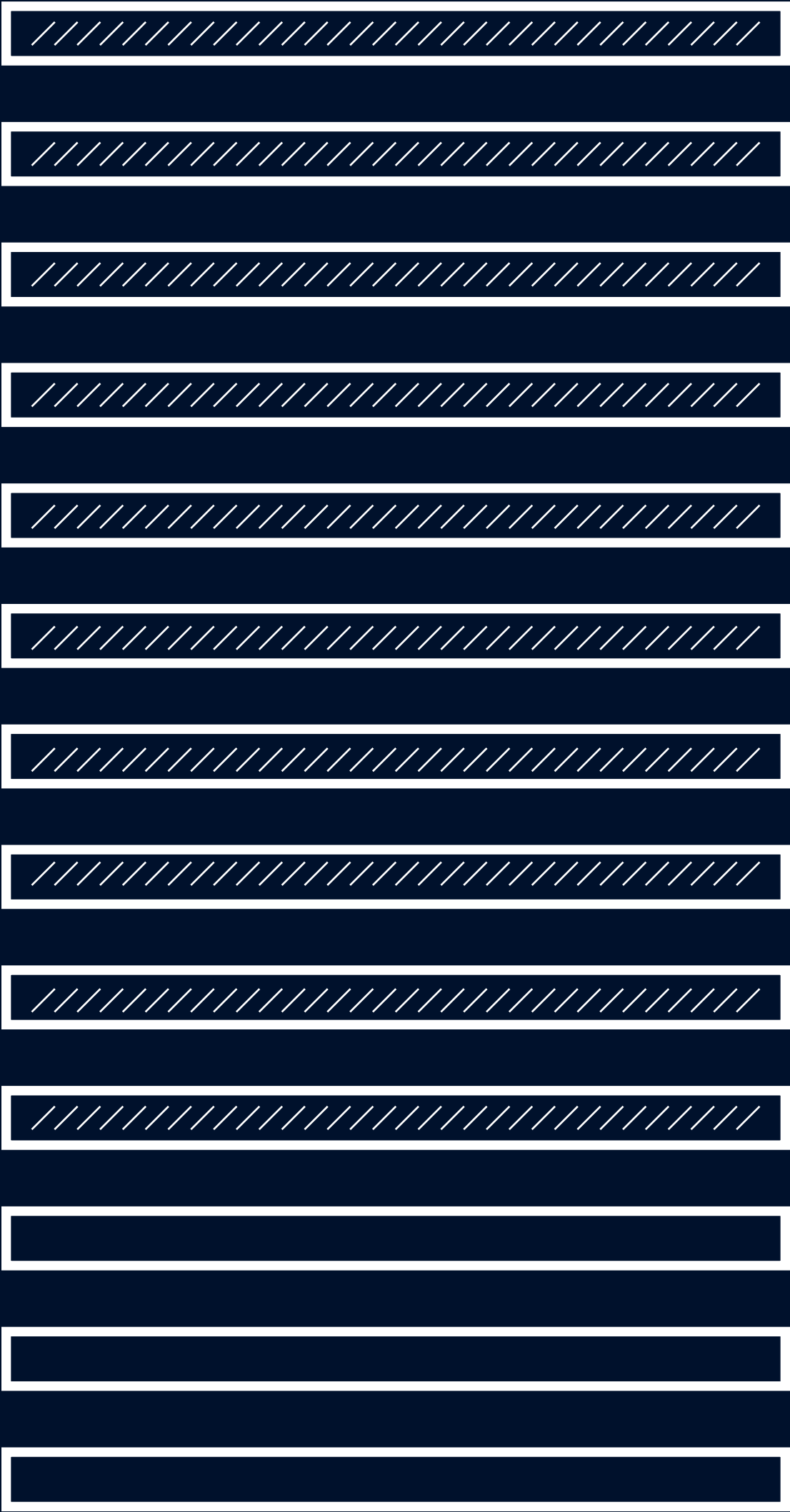
2025-03-01

2025-04-01

Date range partitioning



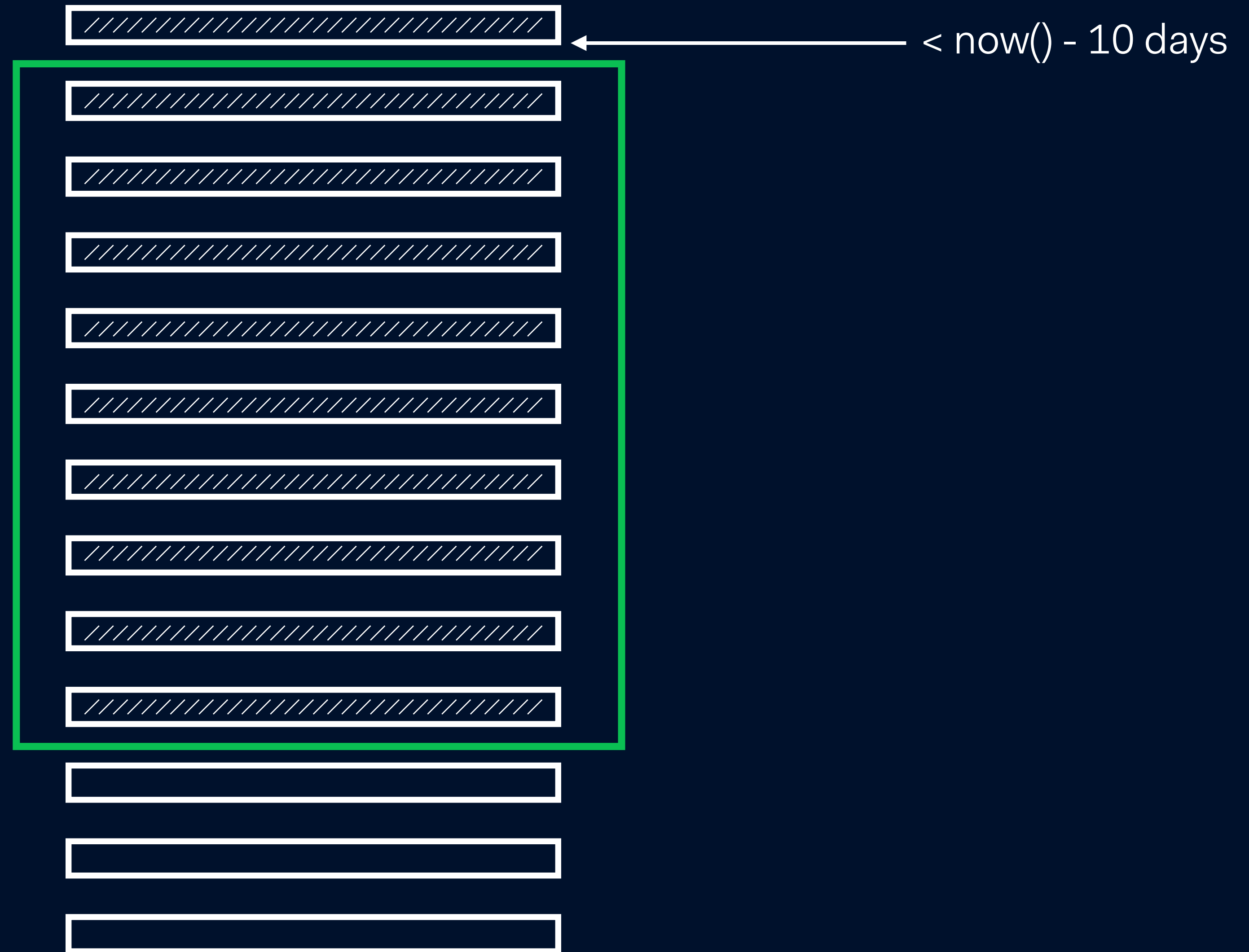
Date range partitioning



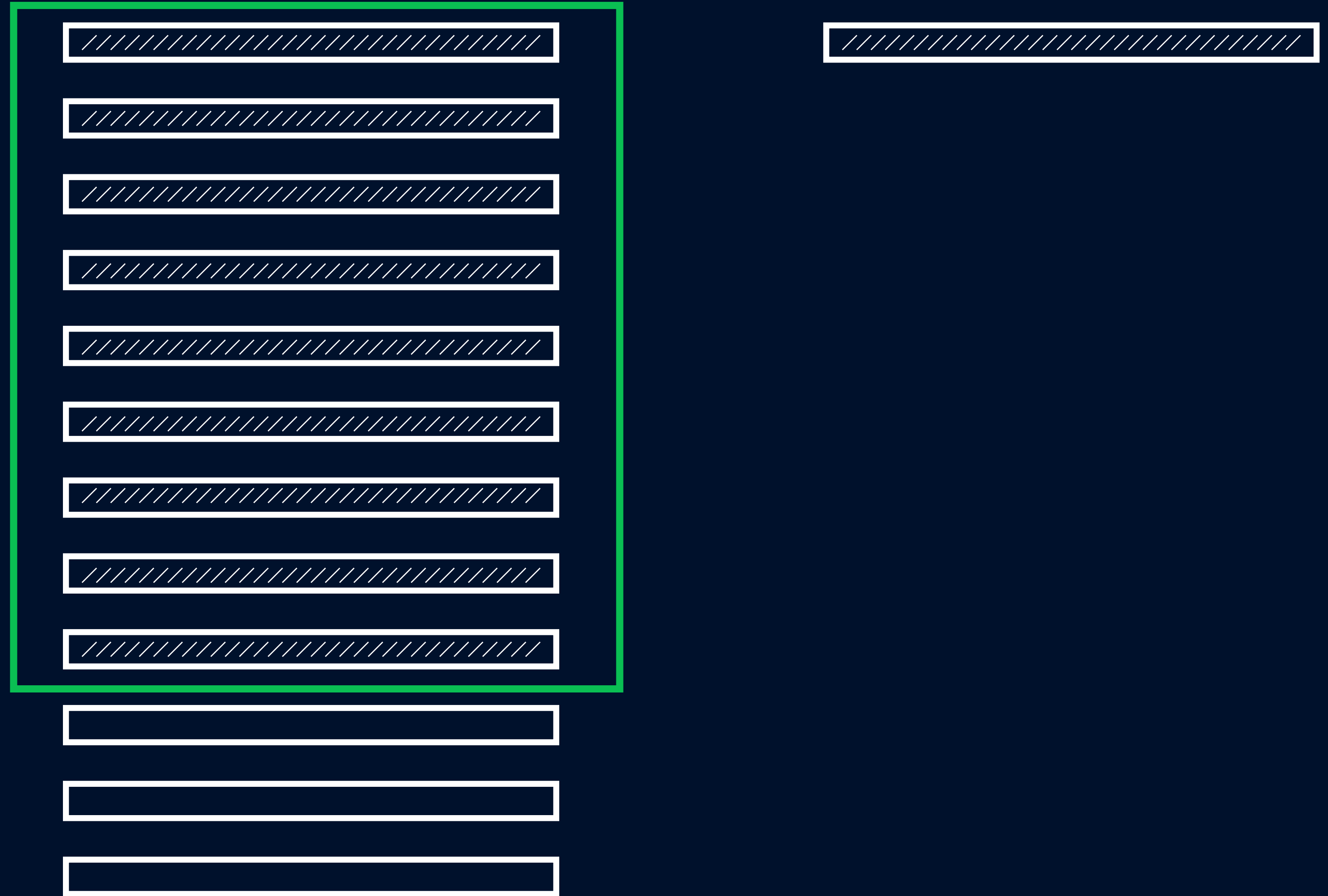
Date range partitioning



Date range partitioning



Date range partitioning





0000



1000

1000



2000

2000

3000

Integer range partitioning

Table A

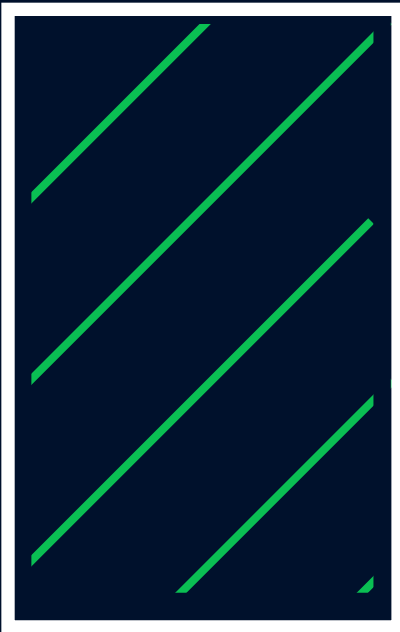
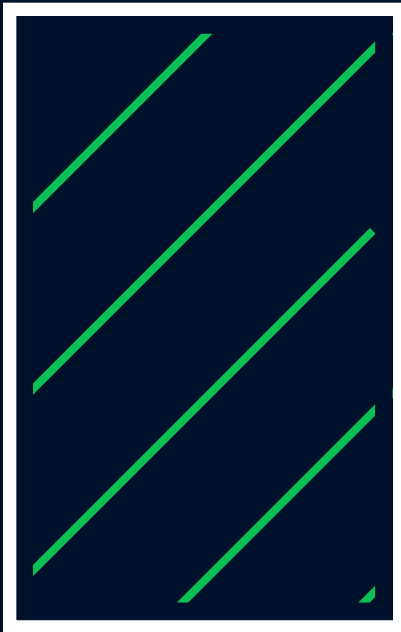
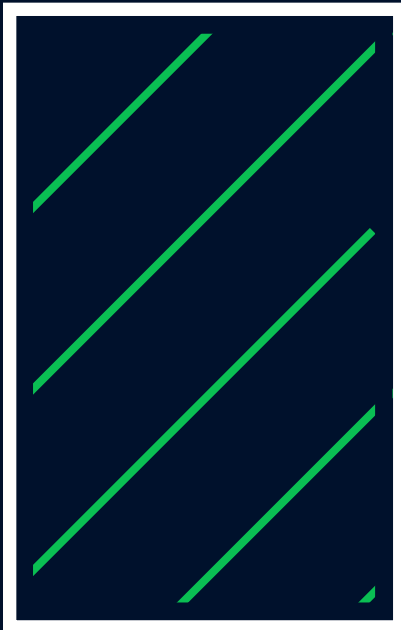
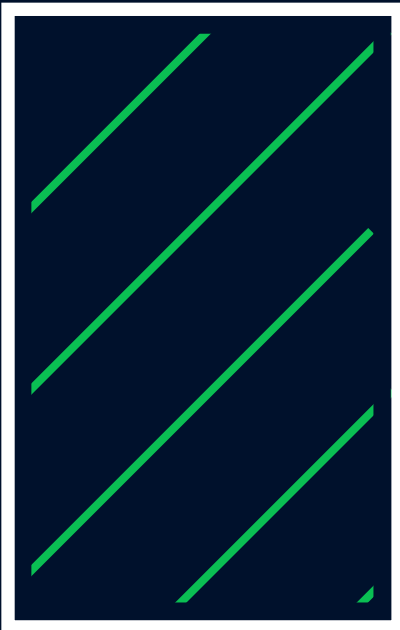


Table B



`enable_partitionwise_join`

`on`



`Select * from a`

`join b on a.c1 = b.c1`

`where a.c1 in (500, 1500)`



⋮

⋮

UUIDv7

01941ef2-8d80-79b3-86f8-cb0cf9f1f107



Timestamp in ms

01941ef2-8d80-79b3-86f8-cb0cf9f1f107



Mostly randomness



01941ef2-8d80-





01941ef2-8d80-7

-8

-





01941ef2-8d80-7000-8000-000000000000





2025-01-01 00:00





01941ef2-8d80-7000-8000-000000000000





01941ef2-8d80-7000-8000-000000000000



0194be97-b180-7000-8000-000000000000





01941ef2-8d80-7000-8000-000000000000



0194be97-b180-7000-8000-000000000000

0194be97-b180-7000-8000-000000000000



01954ec9-c180-7000-8000-000000000000

01954ec9-c180-7000-8000-000000000000

0195ee37-f700-7000-8000-000000000000



2025-01-01 00:00



2025-02-01 00:00



2025-03-01 00:00

2025-03-01 00:00

2025-04-01 00:00

UUIDv7

