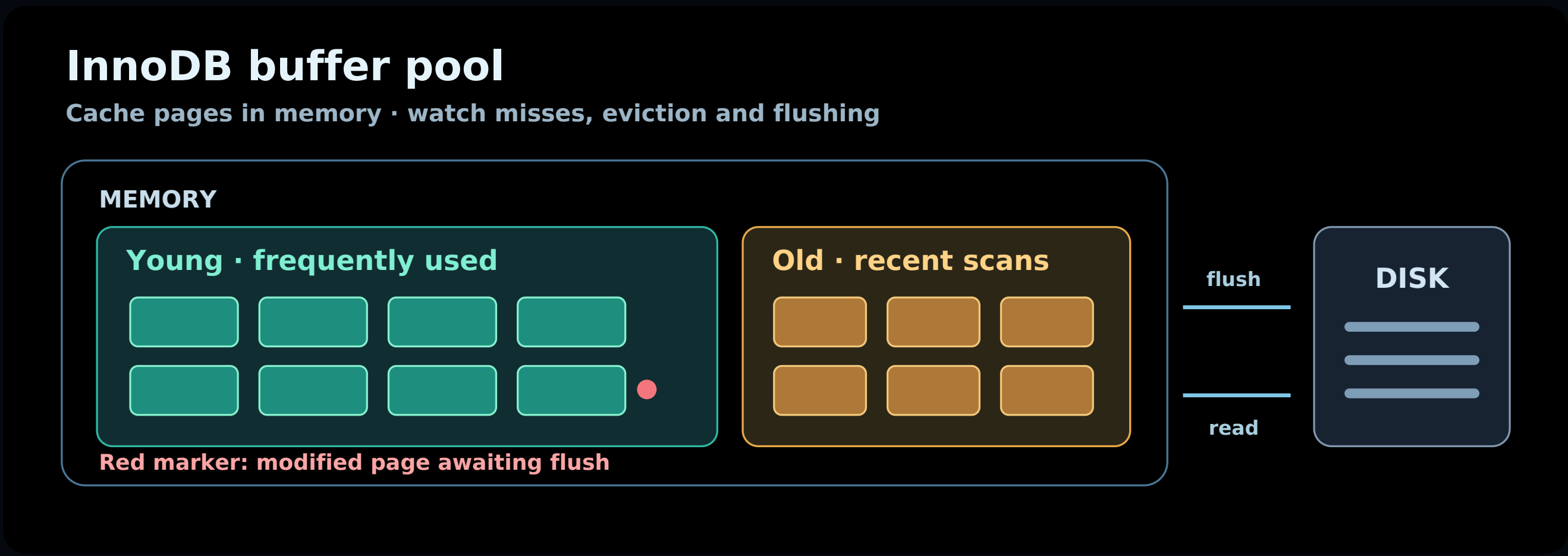
[illegible] InnoDB [illegible]

Duthaho · 2026[illegible]9[illegible]28[illegible]

MYSQL INNODB BUFFER-POOL PERFORMANCE



InnoDB [illegible]

[illegible]

`innodb_buffer_pool_size` [illegible] InnoDB [illegible] 16 KiB [illegible] `innodb_page_size` [illegible]

[illegible] 64 GiB [illegible] 48 GiB [illegible]

[illegible]

```
SHOW GLOBAL STATUS WHERE Variable_name IN (
  'Innodb_buffer_pool_read_requests',
  'Innodb_buffer_pool_reads',
  'Innodb_buffer_pool_pages_dirty',
  'Innodb_buffer_pool_wait_free'
);
```

[illegible] `ΔInnodb_buffer_pool_reads / ΔInnodb_buffer_pool_read_requests` [illegible] `Innodb_buffer_pool_wait_free` [illegible]

[illegible]

InnoDB [illegible] **old** [illegible] **young** [illegible]

`innodb_old_blocks_pct` [illegible] old [illegible] MySQL 8.4 [illegible] 37 [illegible] `innodb_old_blocks_time` [illegible] MySQL 8.4 [illegible] 1000 [illegible]

[illegible]

[illegible] MySQL [illegible] InnoDB [illegible] `innodb_buffer_pool_dump_at_shutdown` [illegible] `innodb_buffer_pool_load_at_startup` [illegible]

`innodb_buffer_pool_dump_pct` [illegible]

[illegible] I/O[illegible] 80% [illegible]

[illegible]redo [illegible]

[illegible] InnoDB [illegible] redo [illegible] `innodb_flush_log_at_trx_commit=1` [illegible] redo [illegible] I/O[illegible]

Change Buffer [illegible] [illegible] MySQL `innodb_buffer_pool_instances=8` [illegible] MariaDB 10.5

[illegible]

[illegible] I/O[illegible] SQL [illegible]

[illegible] MySQL 8.4 [illegible] GiB [illegible] 1 GiB [illegible] 99% [illegible]

[illegible]

[illegible]

[illegible] Medium [illegible] 2025 [illegible] 8.2 [illegible] MariaDB [illegible]