

Weekly Update: Pulse Analytics

Report Period: February 06, 2026 - February 13, 2026

52

COMMITTS

5

CONTRIBUTORS

3

TOTAL REPOS

3

ACTIVE REPOS

SUMMARY

Data pipeline and query performance were the main themes. New ingestion checks and query optimizations will improve data quality and dashboard load times for large tenants.

PRIMARY UPDATES

- Schema validation and duplicate detection in the ingestion pipeline with configurable rules.
- Query result caching with TTL and cache invalidation on pipeline runs.
- Tenant-scoped dashboard defaults and saved filter presets.

REPOSITORY DEEP DIVE

pulse/ingest (Feature Dev)

[Python](#) [Kafka](#) [PostgreSQL](#)

- Added JSON schema validation step and duplicate key detection before write.
- Improved batch sizing and backpressure for high-volume sources.

pulse/query (Feature Dev)

[Go](#) [Redis](#) [ClickHouse](#)

- Implemented Redis-backed query cache with tenant and query hash keys.
- Optimized aggregation queries with better index usage and limit pushdown.

pulse/ui (Bug Fixes)

[React](#) [Recharts](#) [TypeScript](#)

- Saved filter presets and tenant default dashboard selection.
- Fixed chart tooltip positioning on scroll and zoom.

Here is a small poem for this week's updates:

"

Data flows in, validated and true,

Queries run fast, cache in view.

Dashboards remember what you chose—

Pulse keeps pace with how it goes.

"

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This is an automated weekly report

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