Resilient RAP Framework

Pipeline Run Report

Run ID: run_20260209_005944_58fae4

Source: OpenF1_API_Real_Session

Status: SUCCESS

Started: 2026-02-09 00:59:44 UTC

Ended: 2026-02-09 00:59:48 UTC

Duration: 3.10 seconds

Executive Summary

Metric	Count
Schema Drift Events	6
Failures	0
Resilience Actions	1
Total Audit Events	10

Schema Drift Events

Field	Expected	Observed	Severity	Action
vehicle_speed	standard	raw	medium	Type Cast: raw -> standard
engine_rpm	standard	raw	low	Type Cast: raw -> standard
current_gear	standard	raw	low	Type Cast: raw -> standard
throttle_pct	standard	raw	low	Type Cast: raw -> standard
brake_status	standard	raw	low	Type Cast: raw -> standard
drs_active	standard	raw	medium	Type Cast: raw -> standard

Failures & Resilience Actions

Resilience Actions:

Action	Component	Outcome	Details
reconciliation	OpenF1_API_Real_Session	Success	Stage: reconciliation_layer_active

Audit Summary & Integrity

Total Events Processed: 10

Tamper-Evident Logging: ✓ Enabled

Signature Status: ✓ Valid

Anomalies Detected: 0

Audit Log Location: data/reproducibility_audit.json