

# Weekly Executive Summary

## Cross-Industry Data Intelligence Overview

Report Period: February 03 – February 10, 2026 | Prepared by: Mboya Jeffers  
945,549 total records | 8 data sources | 8 industry verticals

TOTAL RECORDS

**945.5K**

Across 8 verticals

INDUSTRIES

**8**

Active verticals

DATA SOURCES

**8**

Independent APIs

PIPELINE HEALTH

**8/8**

Operational

## Pipeline Performance

Vertical	Source	Records
Finance	FRED API	122,150
Brokerage	Yahoo Finance	253,914
Compliance	SEC EDGAR	531,491
Crypto	CoinGecko	250
Gaming	Steam/SteamSpy	1,000
Sports/Betting	ESPN	124
Weather	Open-Meteo	36,500
Solar Energy	NREL PVWatts	120
Total	8 sources	945,549

## Key Highlights

- **Finance:** 122,150 FRED observations across 26 economic series. GDP, CPI, unemployment, Fed Funds, and 22 more indicators tracked.

- **Brokerage:** 253,914 daily OHLCV records for 101 securities over 10 years of market history.
- **Compliance:** 531,491 XBRL financial facts from SEC EDGAR filings of 20 major US public companies.
- **Crypto:** 250 coin metrics from CoinGecko covering market cap, volume, and price data for 250 cryptocurrencies.
- **Gaming:** 1,000 game metrics from Steam/SteamSpy including player counts, ratings, and pricing.
- **Betting:** 124 team records across 4 major sports leagues (NFL, NBA, MLB, NHL) via ESPN.
- **Weather:** 36,500 daily observations from Open-Meteo for 10 cities spanning 10 years.
- **Solar:** 120 monthly generation estimates from NREL PVWatts for 10 US locations.

## Architecture

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All data sourced from independent, publicly verifiable APIs. Pipeline: Python extractors → Kimball star schema transformation → Parquet storage → KPI computation → PDF reporting. PostgreSQL for job tracking, data lineage, and quality scoring. Deployed on GCP Compute Engine.

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Data pipeline: Python + PostgreSQL + GCP | Generated: February 10, 2026

Data sources: FRED, Yahoo Finance, SEC EDGAR, CoinGecko, Steam, ESPN, Open-Meteo, NREL | All data independently verifiable