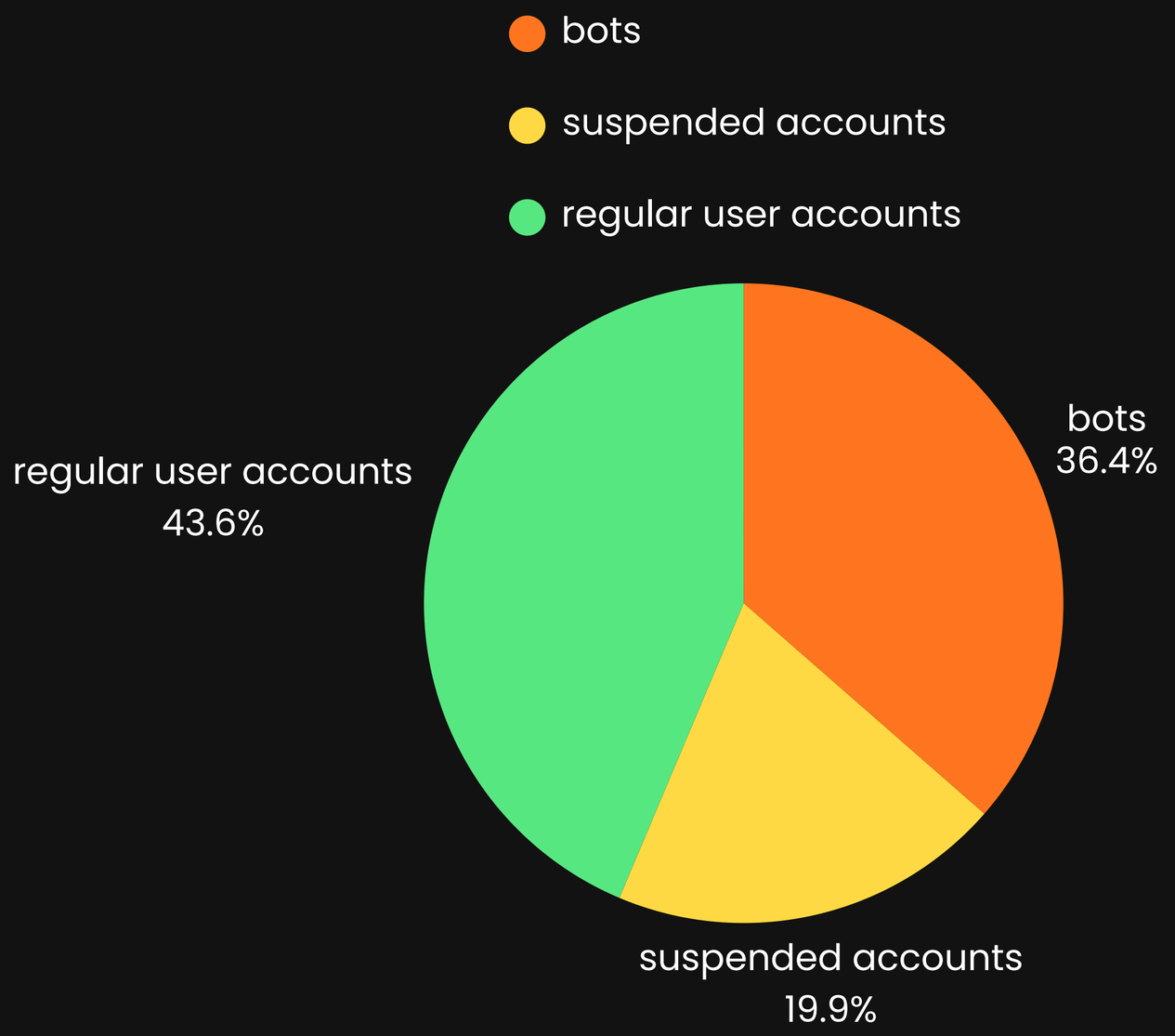
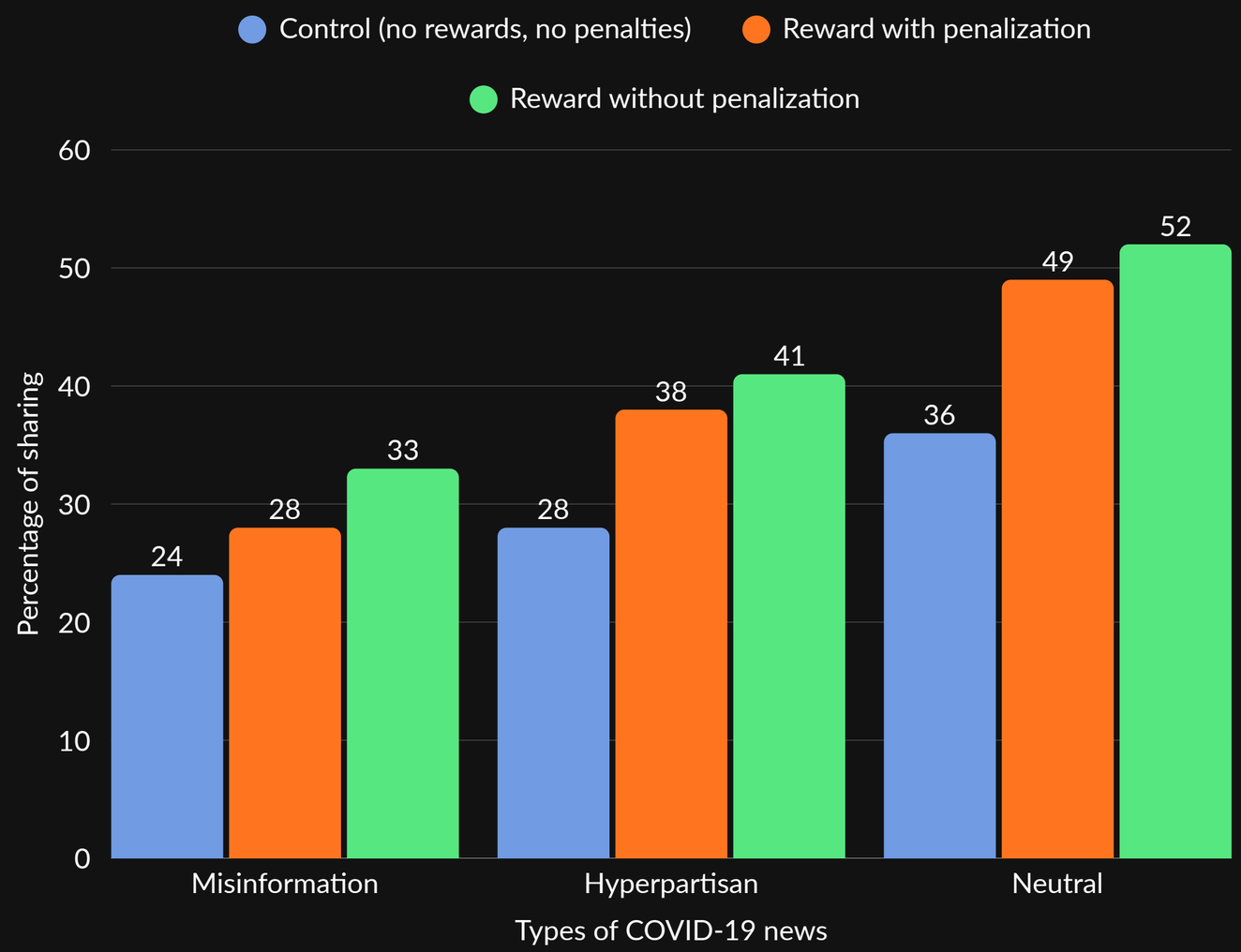
Pie chart showing the proportion of different user account types among approximately 7,500 Twitter accounts over a three-month period (March–May 2019)



93% of the invite links shared by **Twitter bots** point to Telegram pump-and-dump channels

Charting the Landscape of Online Cryptocurrency Manipulation - Nizzoli et al. (2020)

Bar chart showing the effects of rewards and penalties on sharing different types of COVID-19 news among 1,501 U.S. respondents (June 2022)



Misinformation sharing **increases by 9%** under rewards **without penalties**

Misinformation sharing **remains 4% higher** than the control **even when penalties are applied**

Tokenization of social media engagements increases the sharing of false (and other) news but penalization moderates it - Alizadeh et al. (2023)

AI-fueled crypto scams are booming, up 456% -- and no one is safe,...

Crypto scams are up 456% globally, driven by AI-cloned voices, deepfake IDs and QR-code ATM traps. From Brooklyn retirees to crypto CEOs, victims are losing thousands — and most never see it...

New York Post / Jul 26, 2025

Global crypto scams soared 456% between May 2024 and April 2025, with losses exceeding **$10.7 billion.**

During the same period, scammers increasingly used AI-generated voices, deepfake videos, and fake credentials.

AI-fueled crypto scams are booming, up 456% — and no one is safe, expert warns - Olander (2025)

Why crypto news is broken

1 More News, More Crypto Volatility

Unrelated media coverage increases price volatility across cryptocurrencies, and even relevant news can amplify swings in smaller coins

2 Financial Misinformation Drives the Market

Fake financial news spreads through social media and AI-driven scams, **pushing investors to make wrong decisions** and sending real money to fraudsters

3 FUD Drives Crypto Panic and Price Swings

81% of crypto investors admit making **decisions based on Fear, Uncertainty, and Doubt,** and when social sentiment hit a yearly low in Dec 2024, Bitcoin later surged to $109,000, showing how fear can move markets—and create opportunities for big players

- Crypto traders
- Crypto media & analysts

Too much is too bad: The effect of media coverage on the price volatility of cryptocurrencies - Lee and Jeong (2023)
Investigating Online Financial Misinformation and Its Consequences: A Computational Perspective- Rangapur et al. (2023)
What is FUD in Crypto? (Beginner's Guide 2026) - Coin Ledger, Inc., n.d.

Why current tools still leave traders blind

News Aggregators

- Create one-sided views by merging news without diverse perspectives
- AI summaries hallucinate facts — up to 36%
- Using multiple sources can reduce hallucinations by 55%
- Google News: fully algorithm-driven, highly personalized

Social Media

- Misinformation spreads faster than facts
- Algorithms amplify emotional & extreme content
- Echo chambers create one-sided views

AI Summarizers

- AI can generate false or misleading information while sounding confident
- Hallucinations happen when models guess instead of knowing
- Longer responses increase the chance of hallucinations

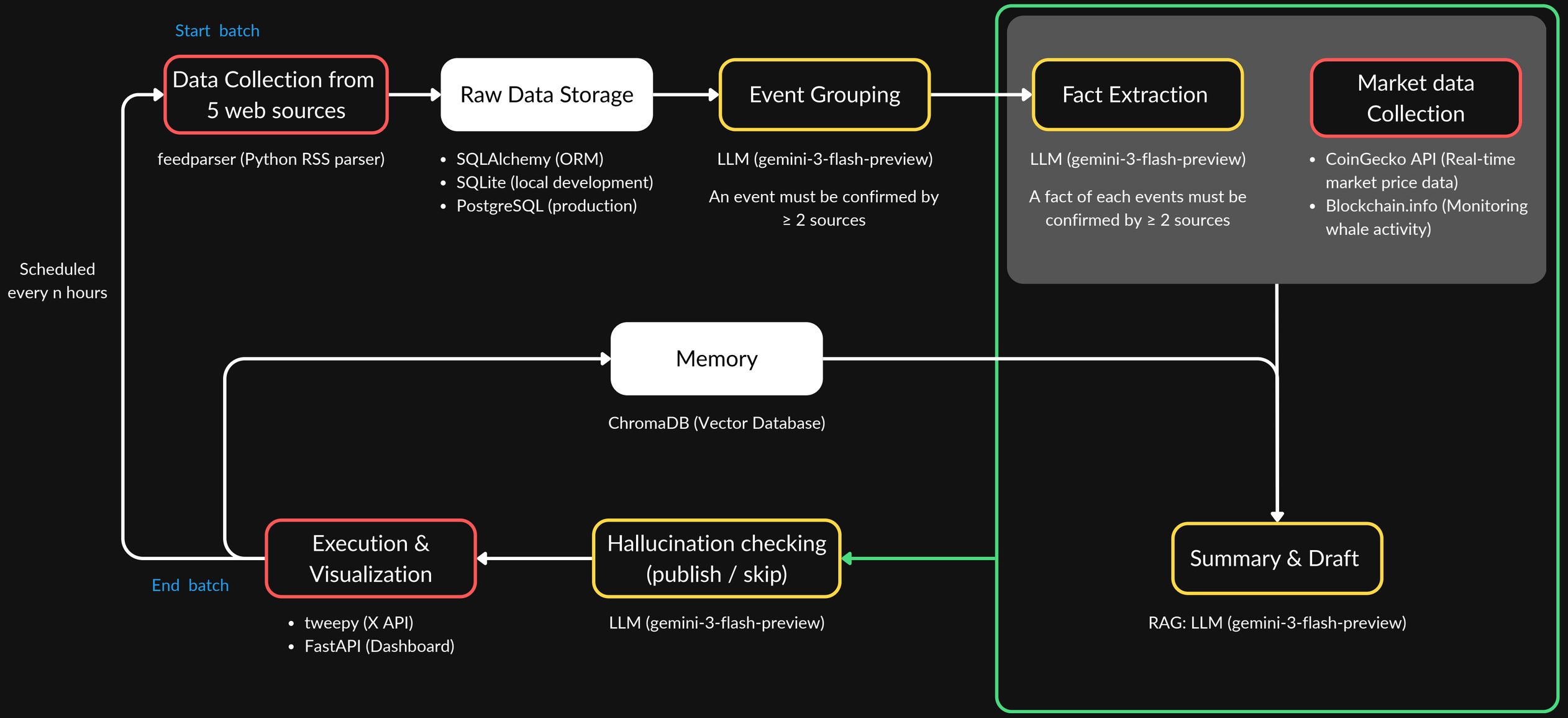
News Aggregation And Summarisation - Hoe et al. (2024)
Misinformation - Wikipedia contributors, 2025
Hallucination (artificial intelligence) - Wikipedia contributors, 2026

Sentix

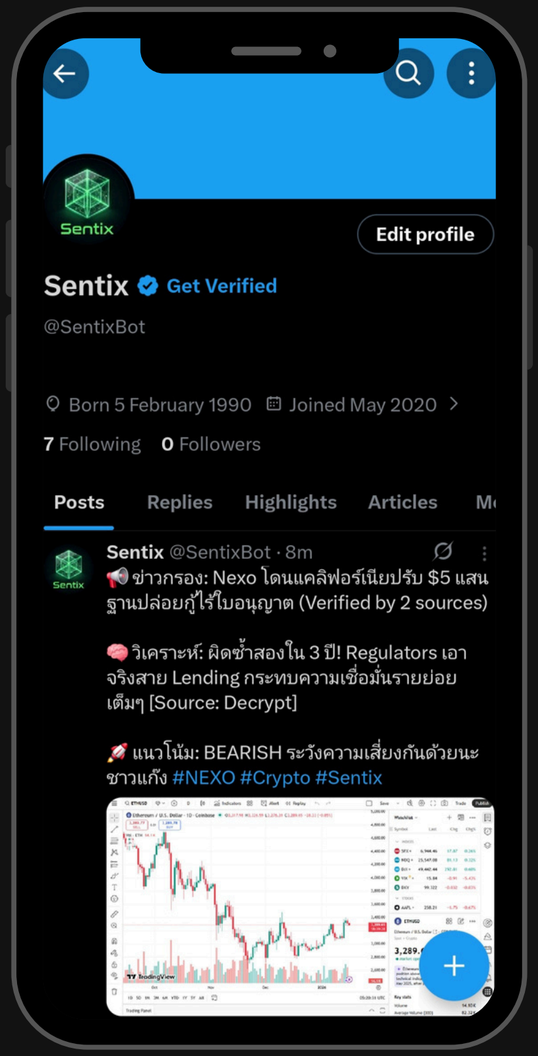
An Automated System for Multi-Source Crypto News Summarization, Trend Detection, and Market Sentiment Analysis on X (Twitter)

- Transform social media into a trusted crypto news channel
- Cross-check information from 5 sources
- Self-validate AI outputs to reduce hallucinations

How Our System Works

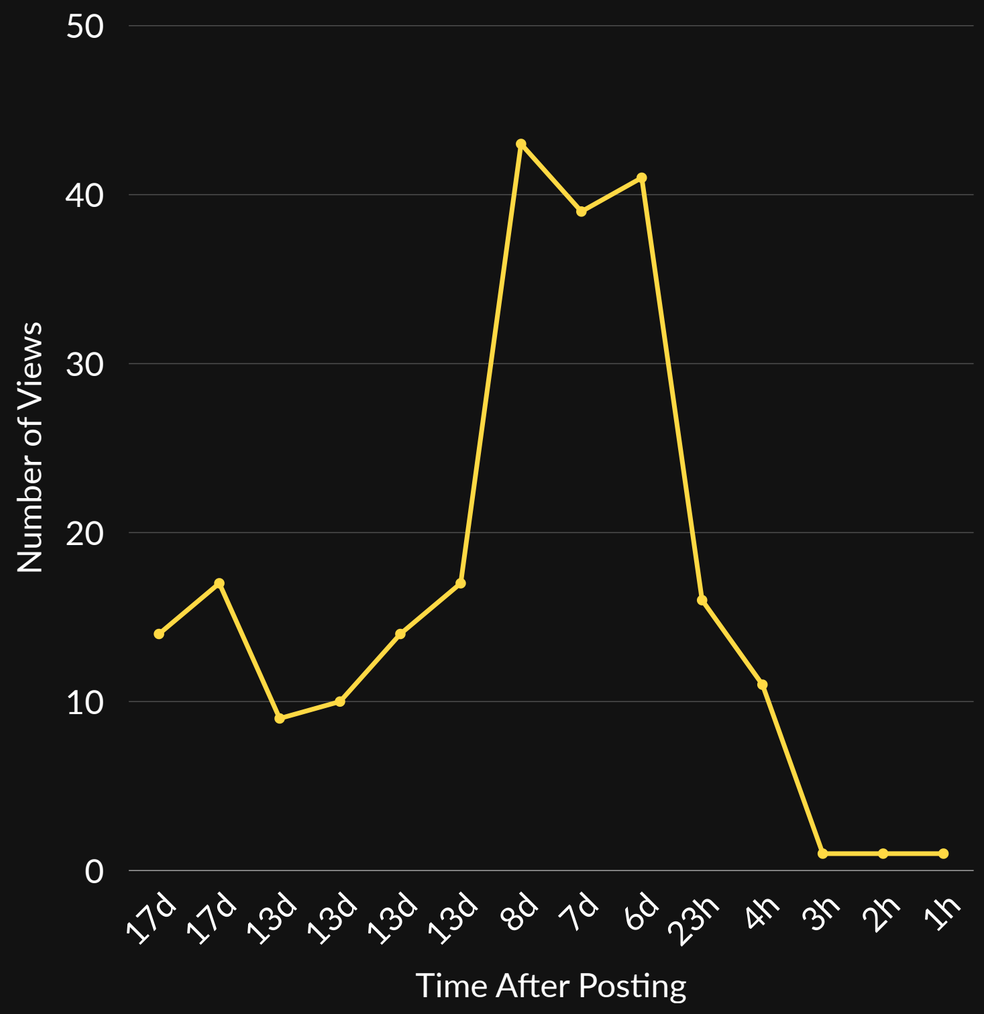


Results

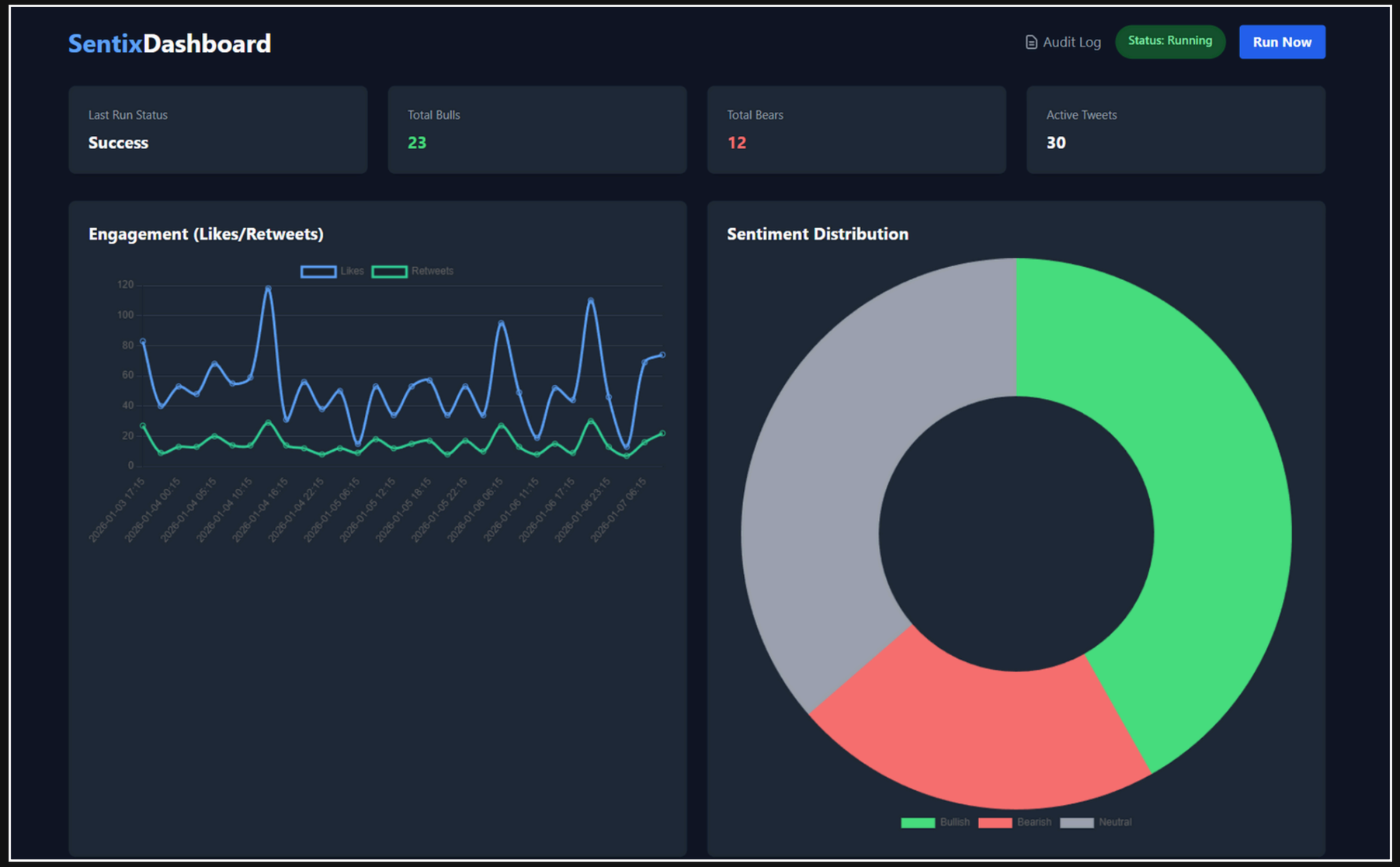


Twitter Feed

Line chart showing views per post by time since posting for crypto content

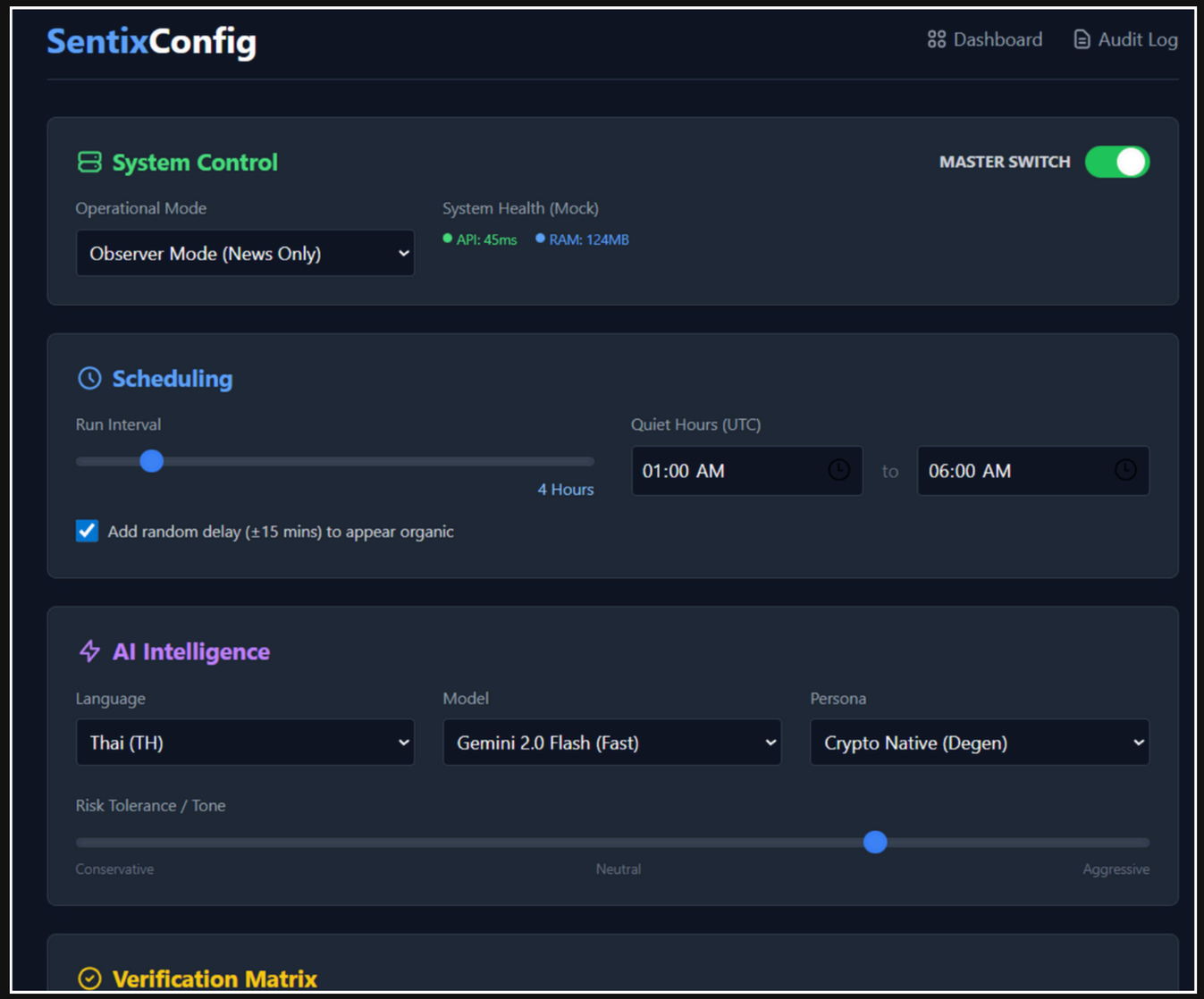


Results



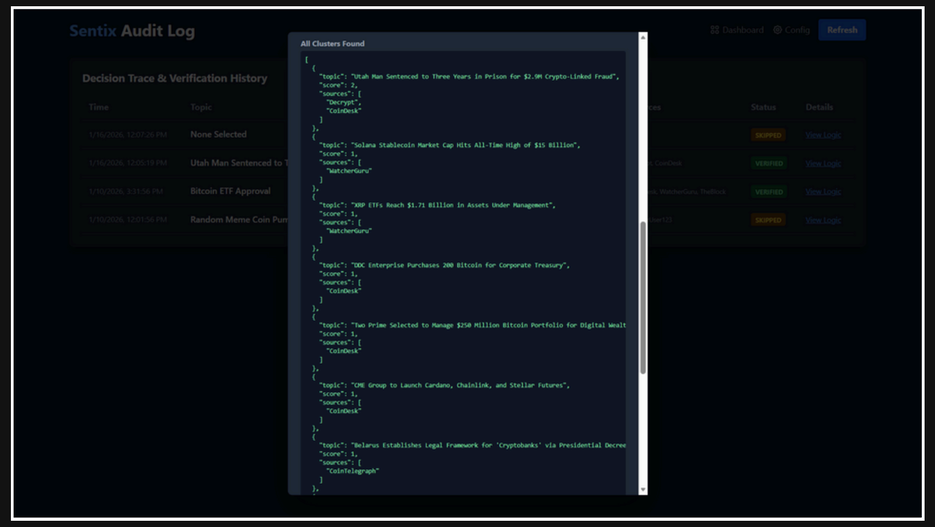
Performance Dashboard

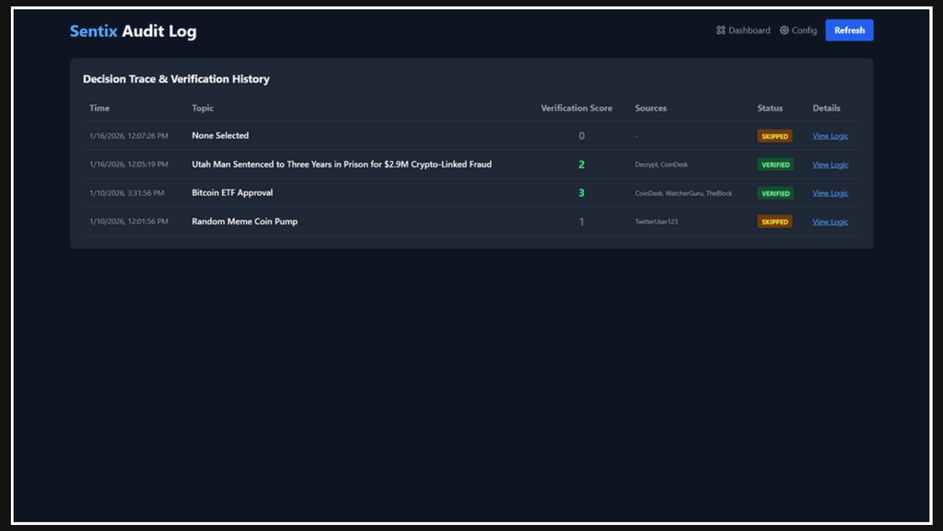
Results

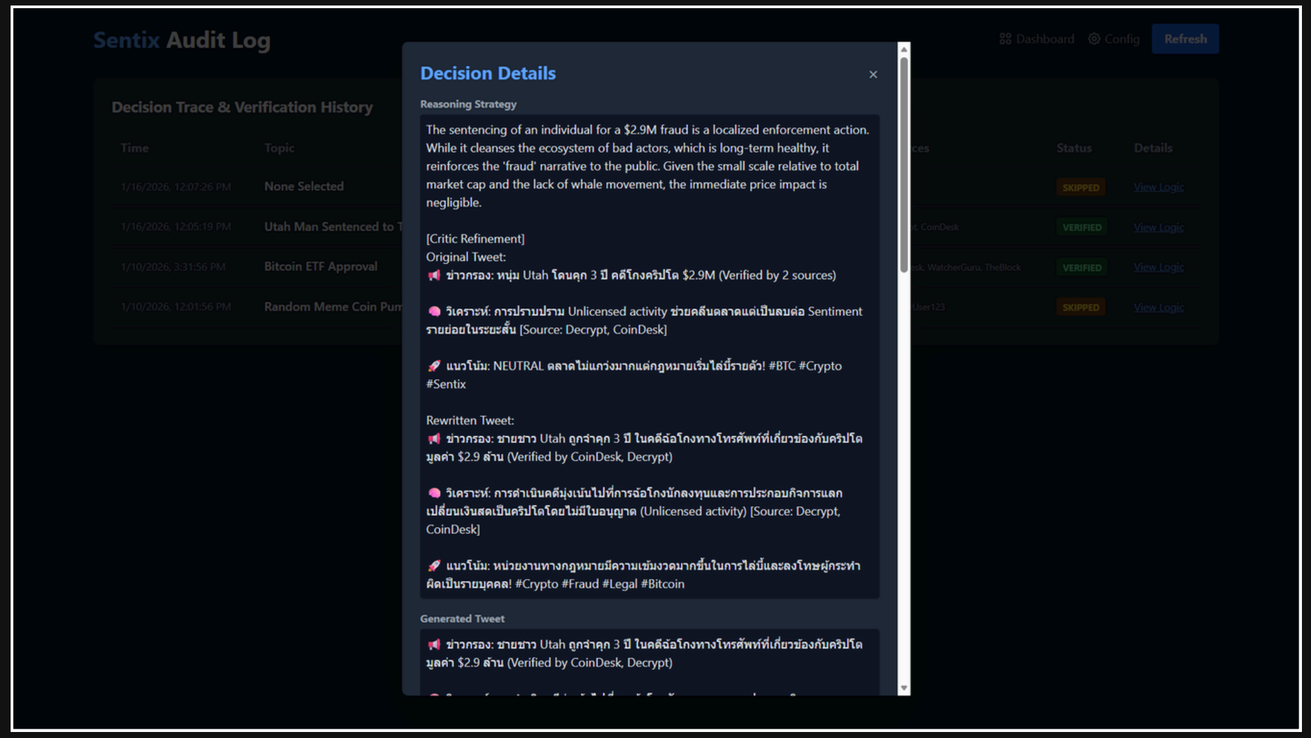


Configuration Dashboard

Results







Automation Logs

Why this matters

For Users & Investors

Trade with confidence instead of rumors

For Society

Create a healthier digital information ecosystem

For Business

Enable financial institutions to operate on reliable crypto intelligence

For Country

Build strategic AI infrastructure for the next generation of financial markets

What we learned building a real-world AI system

Twitter API limitations

Free-tier API is slow and rate-limited

Solution

Switched to RSS-based web sources for faster, parallel ingestion

Cost vs. Quality Trade-off

Newer models are more better quality but expensive

Solution

Use cost-efficient models for continuous operation

Text similarity produced unreliable confidence scores

Text similarity often captures similar wording, not the same real-world event

Solution

Switched to event-based grouping and fact-level extraction instead of sentence similarity

LLM hallucination risk

Models may generate incorrect but plausible outputs

Solution

Apply cross-LLM validation before publishing

Path to a Profitable Platform

Phase 1
Build Trust & Audience

Make verified crypto news accessible to everyone

- What we do
  - Improve AI accuracy and reliability
  - Launch verified crypto feed on X
  - Run targeted ads for crypto traders
- Customers
  - Crypto traders
  - Trading communities
- Revenue: Monthly subscriptions
  - AI assistant in DM
  - Early breaking-news alerts

Phase 2
Provide to Businesses

Make verified crypto system available to companies and apps

- What we do
  - Provide API access to verified crypto news
  - Enable market monitoring and trend analysis
  - Support risk management and alert systems
- Customers
  - Crypto apps and media
  - Trading firms and funds
- Revenue
  - Monthly API subscriptions

Phase 3
Contract to Government

Make a verified crypto system available for national digital security

- What we do
  - Live risk dashboard
  - Scam and fraud early-warning system
  - Weekly / monthly market reports
- Customers
  - Government agencies
  - Public media agencies
- Revenue
  - Government contracts

Sentix

An Automated System for Multi-Source Crypto News Summarization, Trend Detection, and Market Sentiment Analysis on X (Twitter)

- Transform social media into a trusted crypto news channel
- Cross-check information from 5 sources
- Self-validate AI outputs to reduce hallucinations

Sentix

In a world full of information, the real value is knowing what is true

5 web sources

WatcherGuru: Fast signal trigger, early alerts

CoinDesk: High credibility confirmation

CoinTelegraph: Market trends and ecosystem news

The Block: Deep analysis, data-backed reporting

Decrypt: Contextual and explanatory crypto journalism

LLM Comparison for Crypto News Analysis

Gemini 3 Flash (Preview)

- Cost: Free of charge
- Avg. latency: 600-800 ms
- Context window: 1M tokens
- Limitations: Slightly weaker deep reasoning

GPT-4o

- Cost: Paid
- Avg. latency: 2000-3000 ms
- Context window: 128k tokens
- Limitations: Expensive, Slower in batch

Llama 3 (Open-source)

- Cost: Free of charge
- Avg. latency: 300–1500 ms
- Context window: 8,192-128k tokens
- Limitations: Infra heavy, Slower inference

DeepSeek-V3

- Cost: Paid
- Avg. latency: 1500-2500 ms
- Context window: 6k-128k tokens
- Limitations: Less stable