



Grok × X API Track

Focus: Grok × X API – Realtime intelligence on X

Track Lead(s): Santiago Medina Rolong , Christopher Park

Office Hours Location (Sat 5pm - 9pm) - El Camino Real

Track Slack channel: #track-grok-x-api

Summary

Combine the X API with Grok to build live trading signals, creator-economy analytics, realtime news desks, reputation monitors, predictive agents, etc.

Description

This track is exclusively for projects that make non-trivial use of the official X API in combination with Grok models. All submissions must demonstrate authenticated, rate-limit-aware integration with the real X API endpoints — no mock data.

Example project ideas

1. **Live Sentiment Tracker** Monitors real-time conversation on X about specific stocks, crypto assets, or sectors, and surfaces easy-to-read sentiment or activity summaries based on live posts.
2. **Misinformation Checker** Detects fast-spreading claims or topics on X, helps check them against external information, and produces short, shareable context or corrections.
3. **Grok-Enhanced X Feed** Builds an alternative way to read X that summarizes long threads, filters out low-value content, and adds brief explanations or perspectives tailored to different knowledge levels.
4. **Meme Generator** Takes a phrase or topic, looks at what's currently trending on X, and suggests a set of meme ideas and captions that fit the current conversation.
5. **Talent Scout** Finds developers or creators on X who are sharing projects or updates, reviews their public posts to infer areas of expertise, and drafts personalized outreach messages.

Resources & starting points

- X API: docs.x.com
 - Credits will be sent to your email, if you have not received them come find us in the office hours!
- Grok API: <https://docs.x.ai/docs/tutorial>



Judging rubric (in addition to general criteria):

- Depth & centrality of X API usage – How indispensable and sophisticated the integration is (multiple endpoints, streams, webhooks, use of SDKs)
- Real-time responsiveness & liveness – How instantly and visibly the product reacts to events on X
- Robustness under real API constraints – Graceful auth, rate-limit strategy, error recovery, streaming resilience
- Intelligence & value created from X data – How creatively and usefully raw X objects are transformed into signals, predictions, alerts, or actions the official client can't provide
- Grok grounding & task specificity – How tightly and traceably Grok is applied to the actual retrieved X content to produce concise, high-signal outputs