



## Grok Ads Studio Track

**Focus:** Grok Ads Studio – Short-form ads and social video tools

**Track Lead(s):** Parsa Tajik

**Office Hours Location (Sat 5pm - 9pm)** - Sequoia

**Track Slack channel:** #track-grok-ads

### Summary

Build production-ready prototypes that meaningfully move the needle on the only two metrics that matter in advertising: **traffic** and **conversions**. Use Grok to create, personalize, optimize, or intelligently place ads — whether as standalone creative pipelines (like AI video ads) or as an agentic advertising layer running directly on top of Grok itself.

### Description

The best ads today are personalized, context-aware, and delivered at the exact moment of intent. Grok's unique strengths — real-time X data, deep reasoning, humor, multimodal output, and conversational memory — make it the perfect platform to build the next generation of advertising tools.

This track is deliberately broad: you can build full-stack ad creators (scripts → avatars → video → captions), predictive optimization engines, real-time bidding agents, or an “ad brain” that lives inside Grok chats and naturally surfaces sponsored solutions without breaking user trust. Winning projects will clearly demonstrate how their system would increase traffic, conversions, or both in the real world.

### Example project ideas

- Heygen-style AI video ad studio: product URL → 50 personalized 15–60s video variants with AI avatars, Grok-written scripts, dynamic visuals, and shoppable links in <5 minutes
- Agentic ad layer inside Grok: Grok silently analyzes the conversation, detects purchase intent, and injects perfectly-timed, native-feeling sponsored suggestions or full video ads
- Real-time trend → conversion pipeline: detects trending X moments or viral audio, instantly generates compliant ad creatives, and predicts performance, and suggests bid amounts



- Conversion-rate prediction + auto-optimization agent: ranks hundreds of variants before spend, then autonomously iterates based on simulated or live X post performance
- “Ad Agency in a Chat” that runs full-funnel campaigns: user says “I need ads for my new skincare line targeting Gen Z women” → Grok agent outputs strategy + 30 ready-to-post video ads + predicted CPA
- Contextual commerce injector: turns any Grok answer into a monetizable opportunity by attaching relevant, non-annoying video ads or product carousels

## **Resources & starting points**

- Grok API (structured outputs, tool calling, vision, image gen, agents): <https://docs.x.ai/docs/tutorial>
- Grok Cookbook examples for marketing/agentic flows: <https://docs.x.ai/cookbook>
- Public trend data: TikTok Creative Center, YouTube Trending API, X Trends
- Video/avatar inspiration (allowed to integrate external APIs if they speed up your demo): Heygen, Runway, Pika, ElevenLabs, etc.

## **Judging criteria (in addition to general criteria)**

- Demonstrated impact on traffic & conversions (predicted, simulated, or real — the clearer the better)
- Creative or technical ambition — how hard is this to replicate without Grok?
- Depth of Grok usage (reasoning chains, tool calling, real-time X context, multimodal, memory)
- User experience & ethical integration — does the ad feel native, helpful, and non-intrusive?
- Production readiness — could this ship next month?