

User Documentation: TrendsByAI

The Problem TrendsByAI Solves

Content creators, marketers, and businesses spend hours every day manually searching for viral video trends. They rely on gut feelings or outdated data, often missing the next big opportunity. Existing tools are either too expensive, too complex, or lack specific focus on emerging AI video niches.

TrendsByAI changes this. It is an automated intelligence platform that scans YouTube 24/7 to identify high-velocity, viral content before it saturates the market.

For you, the **Owner**, this is not just a tool—it is a complete Software-as-a-Service (SaaS) asset. You own the platform that creators are desperate to use. You control the pricing, you own the customer data, and you keep the revenue.

Why You Should Run This Platform

As the Owner and Administrator, you are setting up a data business. Here is the value you get immediately:

- **Automated Data Gathering:** The system uses advanced cron jobs (scheduled tasks) to scan YouTube every 15 minutes, 6 hours, and 24 hours. You do not need to manually update anything.
- **Proprietary "Viral Score":** The app doesn't just show view counts. It calculates a "Viral Score" and "View Velocity" (views per minute) to identify true rising stars.
- **Niche Domination:** The platform comes pre-configured to track high-value, specific niches like AI Horror, AI ASMR, Liminal Spaces, and True Crime.
- **Direct Payments:** You can integrate Stripe to charge users for access to premium trend data. The money goes directly to your account.
- **Low Maintenance:** Built on Supabase and React, the app is serverless and scalable. It handles heavy lifting in the cloud without requiring constant server management.

User Roles Explained

The platform is designed for three distinct types of users. Understanding these roles helps you manage your business effectively.

1. Owner / Administrator (You)

You have full control over the platform.

- **Responsibilities:** Configuring API keys, setting subscription prices, viewing total sales/earnings, and managing system health.
- **Key Interface:** You use the Admin Settings and the main Dashboard to monitor API usage quotas and system status.

2. Provider / Staff

These are team members you can invite to help manage the content.

- **Responsibilities:** Curating specific lists of videos, managing custom search queries, and ensuring the "Top Courses" or "Top Videos" lists are relevant.
- **Key Interface:** They have access to the search tools and list management features but cannot change global billing settings.

3. Buyer / Customer

These are the end-users paying you for data.

- **Responsibilities:** They log in to find video ideas. They search for keywords, view the "Best Performer" cards, and click "Watch" to analyze competitors.
- **Key Interface:** They see the frontend Dashboard, trend graphs, and video lists.

Quick Start Guide for Owners

Follow these steps to launch your platform and start accepting users.

Step 1: Login and Access Admin Settings

Log in using your administrator credentials. Navigate to the **Settings** icon in the top header.

Step 2: Configure the YouTube API

The engine of this car is the YouTube Data API.

1. In Settings, locate the **API Key** section.
2. Enter your YouTube Data API v3 Key (from Google Cloud Console).
3. Click **Save & Validate**.
4. The system will run a test scan. If you see a green checkmark, your automated scanners are active.

Step 3: Verify Automated Jobs

Your system is set up to run automatically. You can verify this by checking the **System Status** card on the dashboard.

- **Connection Status:** Should read "Live".
- **Last Scan:** Should show a recent timestamp (e.g., "15 minutes ago").

Step 4: Set Your Pricing (Stripe Integration)