CORSEN AI Academy

Grok API quickstart

Course syllabus

Version 2026-11

Overview

Set up your environment in 5 minutes and send your first request with Python, the OpenAI SDK, or cURL. A complete guide from beginner to expert.

Learning objectives

- Set up a working xAI development environment: API key, XAI_API_KEY variable, and base URL
- Send a first POST /v1/responses request in Python, with the OpenAI SDK, or with cURL
- Choose between the xAI SDK, the OpenAI SDK, and the Vercel AI SDK depending on the project
- Display answers progressively with SSE streaming
- Analyze an image with Grok and authenticate every call with a Bearer token

Audience and prerequisites

Developers, engineers, and integrators who want to use Grok through the API in their applications.

Able to read Python (or TypeScript for the examples that use it) and JSON, plus basic command-line skills. An API key from the xAI console to try the examples.

Duration and format

Estimated duration : 1 h. 100% online and self-paced, available 24/7 from any browser. Your progress is saved, so you can pick up where you left off at any time. Estimated time: 1 h.

Content

- Setup (4 lessons)
- SDKs (4 lessons)
- First call (3 lessons)
- The xAI ecosystem (3 lessons)

Assessment

Hands-on exercises throughout the lessons. Each lesson ends with key takeaways for self-assessment. A final quiz of 5 questions with answers, at the end of the last lesson, lets you check what you've learned.

Accessibility

This course is designed to be accessible to people with disabilities: text content compatible with screen readers, keyboard navigation, and compliant color contrast. For any accommodation request, email hello@corsen.ai.

Price and recognition

Free

Certificate of completion issued by Corsen AI.

Access time

Immediate after account creation and email confirmation.

Corsen AI — Paris, France — SIRET 10297040700015
academy@corsen.ai — https://academy.corsen.ai