Batch API: Bulk Processing

Course syllabus

Version 2026-11

Overview

Process thousands of requests asynchronously, 20% cheaper on eligible Grok models. Covers JSONL, images, videos, tools, and production workflow.

Learning objectives

- Structure a set of requests in JSONL format and upload it via the Files API
- Execute the batch workflow in four steps, from creation to retrieving results
- Integrate images, videos, server tools, and function calling into requests processed in bulk
- Track the status of an ongoing batch and cancel it prematurely if necessary
- Calculate savings compared to unit calls and size submissions according to rate limits

Audience and prerequisites

Developers, engineers, and integrators looking to leverage Grok via API in their applications.

Ability to read Python and JSON, command line basics. An API key from the xAI console to try the examples.

Duration and format

Estimated duration : 1 h. 100% online self-paced course, accessible 24/7 from a browser. Progress saved, resume anytime. Estimated duration: 1 h.

Content

- Concept (3 lessons)
- Implementation (4 lessons)
- Endpoints (3 lessons)
- Management (2 lessons)

Assessment

Application exercises proposed throughout the lessons. Each lesson ends with its Key takeaways, supporting self-assessment. A final quiz of 5 corrected questions, at the end of the last lesson, validates acquired skills.

Accessibility

Course accessible to people with disabilities: text content compatible with screen readers, keyboard navigation, and compliant contrasts. For any adaptation needs, email hello@corsen.ai.

Price and recognition

Free

Certificate of completion issued by Corsen AI.

Access time

Immediate after account creation and email confirmation.

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