Responses API: Primary Endpoint

Course syllabus

Version 2026-11

Overview

Master the xAI Responses API: persistent conversations, built-in tools, real-time streaming, and automatic citations.

Learning objectives

- Create a response via POST /v1/responses and interpret each field of the returned format
- Chain a persistent conversation by leveraging response storage and GET and DELETE endpoints
- Enable built-in tools of the Responses API and control their triggering with tool_choice
- Combine server tools and custom functions within the same multi-turn exchange
- Ensure service reliability in production: SSE streaming, timeouts, automatic citations, and cost tracking

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

- Fundamentals (4 lessons)
- Conversations (4 lessons)
- Tools (4 lessons)
- Production (4 lessons)

Assessment

Practice exercises provided 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

Self-paced 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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