Chat Completions: OpenAI Compatibility

Course syllabus

Version 2026-11

Overview

Migrate from OpenAI using the Chat Completions endpoint. Covers vision, roles, SDKs, and all differences with the Responses API.

Learning objectives

- Structure a Chat Completions request with system, developer, user, and assistant roles
- Switch an existing OpenAI application to Grok by simply changing the client base_url
- Send images to Grok by building multimodal content as an array of objects
- Leverage id, choices, finish_reason, and token usage to instrument calls
- Plan a progressive migration from Chat Completions to the Responses API by evaluating gaps

Audience and prerequisites

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

Ability to read Python (or TypeScript for examples using it) and JSON, command line basics. An API key from the xAI console to try the examples.

Duration and format

Estimated duration : 45 min. 100% online self-paced course, accessible 24/7 from a browser. Progress saved, resume anytime. Estimated duration: 45 min.

Content

- Concept (3 lessons)
- Implementation (4 lessons)
- Responses (3 lessons)
- Migration (2 lessons)

Assessment

Practice 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

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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