CORSEN AI Academy

Collections, RAG & Files

Course syllabus

Version 2026-11

Overview

Build your own knowledge base with xAI Collections: upload, smart indexing, hybrid search, and advanced RAG patterns.

Learning objectives

- Upload and manage files via the Files API respecting supported formats
- Build an indexed knowledge base with metadata, custom fields, and adapted permissions
- Choose the keyword, semantic, or hybrid search mode based on document nature
- Integrate collections_search and file_search into a RAG pipeline returning its sources
- Evaluate data confidentiality for uploaded data and limits applicable to a collection

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 30 min. 100% online self-paced course, accessible 24/7 from a browser. Progress saved, resume anytime. Estimated duration: 1 h 30 min.

Content

- Files API (4 lessons)
- Collections (4 lessons)
- Search (4 lessons)
- RAG Patterns (4 lessons)

Assessment

Self-assessment based on the Key takeaways concluding each lesson, and direct implementation of examples on your own examples. 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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