CORSEN AI Academy

Vision and Image Analysis via API

Course syllabus

Version 2026-11

Overview

Integrate computer vision into your applications: send images via URL or Base64, analyze charts, perform OCR, and extract structured data.

Learning objectives

- Choose the Mistral multimodal model suited to the image type and token budget
- Send images to the API via URL or Base64 encoding, including multiple per message
- Transcribe text from an image and extract usable structured data
- Analyze a chart or compare two images to derive reliable numerical insights
- Optimize the cost and resolution of vision queries considering API limits

Audience and prerequisites

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

Ability to read Python and JSON, command line basics. A Mistral AI Studio API key to try the examples.

Duration and format

Estimated duration : 1 h 15 min. 100% online self-paced course, accessible 24/7 from a browser. Progress saved, resume anytime. Estimated duration: 1 h 15 min.

Content

- Multimodal Models (3 lessons)
- Sending Images (3 lessons)
- Practical Use Cases (4 lessons)
- Conclusion (2 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 learning.

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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