

Generative AI & LLMs

Course syllabus · Mindfull Methods

Level: Intermediate · Duration: 8 weeks · Format: Online

Pricing: INR 12,999 · Cohort-based

Overview

Go beyond chatting with models. Learn how generative AI systems are built: API integration, embeddings, retrieval-augmented generation, safety guardrails, and light fine-tuning concepts. Weekly milestones culminate in a mentor-reviewed capstone app that retrieves, generates, and explains its answers.

What you'll learn

- ? Integrate LLM APIs into a small application with error handling
- ? Chunk documents, embed text, and run retrieval-augmented queries
- ? Apply safety, moderation, and observability basics
- ? Deliver a capstone GenAI feature with documented evaluation results

Weekly milestones

Week 1

- ? GenAI landscape
- ? API setup
- ? Message patterns

Week 2

- ? Embeddings
- ? Similarity search
- ? Vector stores intro

Week 3

- ? RAG pipeline
- ? Chunking strategies
- ? Source attribution

Week 4

- ? Tool use overview
- ? Function calling
- ? Agent preview

Week 5

- ? Guardrails
- ? PII & policy
- ? Human-in-the-loop

Week 6

- ? Fine-tuning concepts
- ? When not to fine-tune
- ? Cost controls

Week 7

- ? Capstone build
- ? Mentor code review
- ? Iteration

Week 8

- ? Eval report
- ? Demo day

? Production checklist

Questions?

Email rajivshekar@mindfullmethods.com or visit <https://mindfull-methods.vercel.app/contact>