

# Responsible Drupal AI Basics



**Responsible Drupal AI Basics (RDAB)** is designed to transform your approach to integrating artificial intelligence by prioritizing risk mitigation and human oversight. The course takes you to levels beyond simple chat prompts; empowering you to build advanced agentic workflows and high-performance retrieval augmented generation search systems.

The 20+-hour course is presented via Zoom by expert instructor Michael Anello, following a work-week friendly schedule comprised of 3-hour sessions. You will master complex concepts through a strategic mix of high-level theory and intensive, hands-on examples that you can immediately apply to your Drupal projects.

## Course Highlights

- **AI Foundations:** Establish a baseline for secure LLM integration and configure the *AI automators* and *Field widget actions* modules to learn how AI output can be reviewed before saving.
- **AI Agents:** Implement sophisticated "agentic workflows" and swarm orchestration agents. You will deploy tool-calling capabilities that allow AI to interact directly with Drupal's Tool API.
- **RAG Search:** Build retrieval augmented generation systems using vector databases. You will differentiate your skills by mastering semantic chunking and representation strategies to maximize search accuracy.
- **Local AI & Privacy:** Deploy local models via *Ollama* and the *Browser client provider* for maximum cost-efficiency. Learn to leverage the *AI metering* module for automatic local fallback when commercial API quotas are reached.

## Select Topics Covered

- **Human-in-the-loop:** *AI automators* and *Field widget actions*
- **MCP:** Open standards to avoid bespoke integrations
- **Drupal Canvas AI:** Component & page builder agents
- **Rate Limits:** Managing token budgets & API quotas
- **SEO/GEO:** AI-powered analysis and translation
- **Vector DB Strategies:** Indexing and embedding management

## Learning Resources

- Live, engaging online sessions
- Full library of session recordings for lifetime review
- In-depth curriculum with 100+ pages of technical guides & implementation tools
- Dedicated Slack channel for peer support and instructor access
- Official certificate of completion