

Generative AI for Developers

Duration: 3 hours
Type: Hands-on Webinar
Target Audience: Developers, Data Scientists, Technical Enthusiasts

Title	Duration	Description	Activity
1. Introduction to Generative AI and LLMs	20 mins	Understanding Generative AI, LLM architectures, and key technologies.	Icebreaker: What AI tools have you tried? (Chat)
2. Exploring OpenAI & Azure AI Services	30 mins	Overview of Azure OpenAI, GPT models, and key features for developers.	Demo: Generating text & images with Azure OpenAI
3. Prompt Engineering for Developers	40 mins	Techniques for writing effective prompts for LLMs.	Demo: Building prompts for different tasks
4. Building Custom AI Apps Using APIs	40 mins	How to integrate OpenAI APIs into apps with Python/JavaScript.	Demo: Develop a simple AI chatbot using OpenAI API
5. Retrieval-Augmented Generation (RAG) Basics	20 mins	Introduction to RAG: Combining external data retrieval with LLMs for more accurate and context-aware responses.	Demo: Implement a simple RAG pipeline
6. Responsible AI for Developers	15 mins	Best practices for safe, ethical AI implementation in apps.	
7. Wrap-up and Resources for Developers	15 mins	Provide links, GitHub repos, and learning paths for further study.	Quiz: Quick knowledge check