



Hide menu

Welcome to the Course



Video: Course
Introduction
1 min



Video: RAG and Agentic AI
Professional Certificate
Overview
5 min



Reading: Course Overview
4 min



Ungraded Plugin:
Reading: Helpful Tips for
Course Completion
5 min

[Optional] Generative AI Essentials

Working with Prompt Engineering and Prompt Templates

Module Summary and Evaluation

Course Overview

Hello, and welcome to the **Develop Generative AI Applications: Get Started** course.

This course is designed for aspiring AI developers, machine learning engineers, data scientists, and AI researchers. It equips you with the knowledge and skills to develop and integrate generative AI solutions. You'll explore core prompt engineering techniques, such as in-context learning, and learn to create and manage prompt templates using frameworks like LangChain.

As you progress, you'll master key LangChain concepts, including chains, tools, and agents, to build smarter AI applications. Through hands-on labs, you'll experiment with AI model configurations and develop functional AI-powered applications. By the end, you'll have the expertise to design and implement generative AI solutions effectively.

This course is part of the

[IBM RAG and Agentic AI](#) [Professional Certificate](#)



, designed to provide you with the practical skills and knowledge to excel in developing advanced AI applications that leverage retrieval-augmented generation (RAG), multimodal AI, and agentic AI.

