

What you'll learn:

- Describe generative AI and distinguish it from discriminative AI.
- Describe the capabilities of generative AI and its use cases in the real world.
- Identify the applications of generative AI in different sectors and industries.
- Explore common generative AI models and tools for generating text, code, images, audio, and video.

Build your subject-matter expertise

This course is available as part of [multiple programs](#)

When you enrol in this course, you'll also be asked to select a specific program.

- Learn new concepts from industry experts
- Gain a foundational understanding of a subject or tool
- Develop job-relevant skills with hands-on projects
- Earn a shareable career certificate

There are 3 modules in this course

This course is designed for everyone, including professionals, executives, students, and enthusiasts interested in learning about generative AI and leveraging its capabilities in their work and lives.

This course is your first step toward understanding the capabilities of generative AI powered by different models, including large language models (LLMs).

In this course, you will learn about the fundamentals and evolution of generative AI. You will explore the capabilities of generative AI in different domains, including text, image, audio, video, virtual worlds, code, and data. You will understand the applications of generative AI across different sectors and industries. You will learn about the capabilities and features of common generative AI models and tools, such as GPT, DALL-E, Stable Diffusion, and Synthesia.

Hands-on labs, included in the course, provide an opportunity to explore the use cases of generative AI through IBM Generative AI Classroom and popular tools like ChatGPT. You will also hear from the practitioners about generative AI's capabilities, applications, and tools.

Module	Title
Module-1	Introduction and Capabilities of Generative AI
Module-2	Applications and Tools of Generative AI
Module-3	Course Quiz, Project, and Wrap-up

