

Welcome to Generative AI for Everyone

Start your journey into generative AI!

AI, a rapidly evolving technology, is transforming various industries by enabling the creation of everything from digital content to complex code. Effectively utilizing these technologies depends on your ability to craft high-quality prompts for chatbots like ChatGPT and Google Gemini. In this Generative AI for Everyone skill path, you'll develop the essential skills needed to harness the power of AI. Whether you're new to AI or already have some experience, this skill path will equip you with valuable techniques to integrate AI tools into different aspects of your life seamlessly.

What Will You Learn?

In this skill path, you'll learn about the impact of AI in various sectors and be introduced to Large Language Models (LLMs), including how they revolutionize language understanding. You'll discover how to use generative AI to create original content, master tools like ChatGPT for text generation, and apply advanced techniques to enhance AI accuracy. Additionally, you'll gain insights into ethical considerations and get hands-on experience through a capstone project to showcase your skills.

After this skill path, you will be able to:

- understand why AI is crucial and how it transforms industries and daily life
- learn the fundamentals and applications of Generative AI, including its creative potential
- understand the basics of ChatGPT and effectively use it for tasks like generating text and answering questions
- understand the very basics of Retrieval-Augmented Generation (RAG) and its integration with ChatGPT for enhanced AI performance
- craft advanced and effective prompts to refine AI interactions by using proven techniques
- understand the ethical and technical challenges of generative AI and how to manage them
- check and improve AI-generated responses for accuracy and utility

Projects

You'll work on projects throughout this skill path, gaining practical experience and applying your skills in real-world scenarios. These projects cover a range of topics, enhancing your understanding and allowing you to practice your prompting skills.

In the projects you will:

1. practice the basics of using ChatGPT by creating a travel itinerary
2. practice basic prompting techniques by using ChatGPT to learn a new language
3. practice advanced prompting techniques by using ChatGPT to perform sentiment analysis
4. practice using generative AI to analyze custom data by using ChatGPT as a research assistant
5. practice combining several AI techniques by using ChatGPT to support content creation

Why Did We Make This?

We created this skill path to provide a foundational understanding of generative AI, including its impact on industries, and how to use AI effectively. Our goal is to empower learners with practical skills and knowledge to integrate AI into their work and creativity seamlessly.

We're excited for you to begin this journey!