

Developing Generative AI Applications on AWS

Digital Classroom Resources

Module 1

In this module, you learned about the relationship between ML and generative AI. You also got an introduction to generative AI and how businesses are deriving business value from the use of generative AI.

Articles/Docs:

- [Realize the Business Value of Generative AI in Your Organization](#)
 - [8 ways Amazon is using generative AI to make life easier](#)
 - [The Economic Potential of Generative AI](#)
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Module 2

In this module, you learned about the technical foundations and key terminology related to generative artificial intelligence (AI).

Articles/Docs:

- [Amazon CodeWhisperer](#)
 - [Choosing an AWS machine learning service](#)
 - [Responsible AI in the Generative Era](#)
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Module 3

In this module, you learned about the benefits, features, typical use cases, technical concepts, and cost of Amazon Bedrock.

Articles/Docs:

- [Amazon Bedrock Resources](#)
 - [Amazon Bedrock User Guide](#)
 - [Amazon Bedrock Demo](#)
 - [PartyRock Playground](#)
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Module 4

In this module, you learned the principles, techniques, and the best practices for designing effective prompts in Amazon Bedrock.

Articles/Docs:

- [Getting Started with Generative AI and Foundation Models](#)
 - [Anthropic Claude Intro to Prompting](#)
 - [What Is Natural Language Processing \(NLP\)?](#)
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Module 5

In this module, you learned about Amazon Bedrock and the application components, as well as an introduction on how to customize a foundation model.

Articles/Docs:

- [Amazon Bedrock FAQs](#)
 - [Customize models in Amazon Bedrock with your own data using fine-tuning and continued pre-training](#)
 - [Guidelines for Model Customization](#)
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Module 6

In this module, you learned about Amazon Bedrock Foundation Models, and text generation architecture.

Articles/Docs:

- [General text generation model datasets](#)
 - [Amazon Bedrock API Reference](#)
 - [Inference parameters for foundation models](#)
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Module 7

In this module, you learned about LangChain and its components, and how the LangChain framework can help when building complex architectures with LLMs.

Articles/Docs:

- [Generative AI with Large Language Models](#)
 - [Building with Amazon Bedrock and LangChain](#)
 - [Retrieval Augmented Generation \(RAG\)](#)
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Module 8

In this module, you looked at architecture patterns and saw demonstrations of architectures for some of the most common use cases of Amazon Bedrock.

- [Getting started with Amazon Titan Text Embeddings in Amazon Bedrock](#)
 - [Amazon Bedrock Workshop](#)
 - [Amazon Bedrock Testimonials](#)
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Additional Resources

- [Find answers](#): Get unblocked with peer, AWS, and expert advice **Twitch**
- [Access Knowledge Center](#): Troubleshoot technical and account issues
- [Reuse best practices](#): Remove roadblocks with community-generated Articles
- [Join a group](#): Connect with AWS partners and employees