AWS Ramp-Up Guide: Generative AI

For Business Decision Makers, Developers, Data Scientists and ML Ops Engineers

These are the most salient learning resources from our classrooms, digital curricula, game-based learning, and AWS Lab Environment, that relate to the Generative AI. This Ramp-Up Guide is not intended to be consumed entirely. Different sections tackle different objectives. Some resources will be more relevant to you based on your role. The guide will help you decide where you want to start your learning journey, and which step should be your next.

Share your opinion of this Ramp-Up Guide with us!

For Business Decision Makers

Learning Resource		Duration (*hrs*)	Type
Introduction to Generative AI - Art of the Possible	Fundamental	1	Digital Training
Planning a Generative AI Project	Fundamental	1	Digital Training
Building a Generative AI-Ready Organization	Fundamental	1	Digital Training
Amazon Q Introduction	Fundamental	0.3	Digital Training

For Developers

	Learning Resource		Duration (*hrs*)	Type
	Introduction to Generative AI: Art of the Possible	Fundamental	1	Digital Training
	Planning a Generative AI Project	Fundamental	1	Digital Training
	Amazon Bedrock Getting Started	Fundamental	1	Digital Training
	Foundations of Prompt Engineering	Fundamental	4	Digital Training
	Building Generative AI Applications using Amazon Bedrock	Intermediate	4	Digital Training
	Amazon CodeWhisperer Getting Started	Fundamental	0.5	Digital Training
	Getting Started with Amazon Kendra	Fundamental	1.5	Digital Training
	Getting Started with Amazon Lex	Fundamental	1	Digital Training
$	Build a question-answering bot using generative AI	Intermediate	1.5	Self-paced Lab
$	AWS Jam Journey: GenAI re:Invent 2023		16	Game-based Learning
$	AWS Jam Journey: Build Using Amazon CodeWhisperer		11	Game-based Learning

For Data Scientists

	Learning Resource		Duration (*hrs*)	Type
	AWS Technical Essentials	Fundamental	6	Digital Training
$	Amazon SageMaker Studio for Data Scientists	Advanced	18	Classroom Training

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Learning Resource	Level	Duration (hrs)	Type
Getting Started with Amazon Bedrock	Fundamental	1	[Digital Training](#)
Foundations of Prompt Engineering	Fundamental	4	[Digital Training](#)
Building Language Models using AWS	Advanced	5.5	[Digital Training](#)
Building Generative AI Applications using Amazon Bedrock	Advanced	4	[Digital Training](#)

For ML Ops Engineers

Learning Resource		Duration (hrs)	Type
$ DevOps Engineering on AWS	Intermediate	18	[Classroom Training](#)
$ Practical Data Science using Amazon SageMaker	Intermediate	6	[Classroom Training](#)
$ MLOps Engineering on AWS	Intermediate	18	[Classroom Training](#)

Additional Resources

Learning Resource	Duration	Type
Practical Decision-Making Using No-Code ML on AWS	5	[Webpage](#)
Fundamentals of Generative AI for Beginners	3	[Digital Training](#)
Generative AI Foundations on AWS	8	[Digital Training](#)
Low-code Machine Learning on AWS	4	[Digital Training](#)
Getting Started with Amazon Textract	1	[Digital Training](#)
Getting Started with Amazon Comprehend	1.5	[Digital Training](#)
Getting Started with Amazon Personalize	1.5	[Digital Training](#)
Getting Started with Amazon Transcribe	1.5	[Digital Training](#)
$ Amazon Q Business Getting Started	1	[Digital Training](#)
$ Developing Generative AI Applications on AWS	12	[Classroom Training](#)