



Generative AI on AWS

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Get started



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Accelerate your AI journey with our AWS Ramp-Up Guide for Generative AI

- Recommended course sequencing
- Free digital courses
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- Documentation
- Videos

[Ramp-Up_Guide_Generative_AI.pdf](#)



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 Q Developer Getting Started	Fundamental	1	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 reInvent 2023		16	Game-based Learning

Key certifications



Non-IT departments will derive significant value from AI

Employers are willing to pay 39% more to hire AI-skilled workers in sales, marketing, and business operations, while they will pay 37% more for those in finance.¹



"There are a lot AI/ML resources on the internet but not many that address moving ML models to production." – AWS Partner

Demand for AI and ML Specialists is expected to grow by 40% or 1 million jobs between 2023-27.²



Data is the differentiator when building AI solutions

In 2023, the number of AI jobs postings grew by 119% (44,432 AI jobs) year over year. Job posts for "data engineer" outnumbered those for other job titles.³



Machine learning is the most in-demand AI skill with a high economic value

Workers with AI skills are particularly valuable and command salaries 21% higher than average, but potentially up to 40% higher.⁴

¹ <https://www.zdnet.com/article/workers-with-ai-skills-can-expect-higher-salaries-depending-on-their-role/>

² World Economic Forum, [The Future of Jobs Report 2023](#)

³ OMDIA, [AI Skills Tracker – 1H23 Analysis](#)

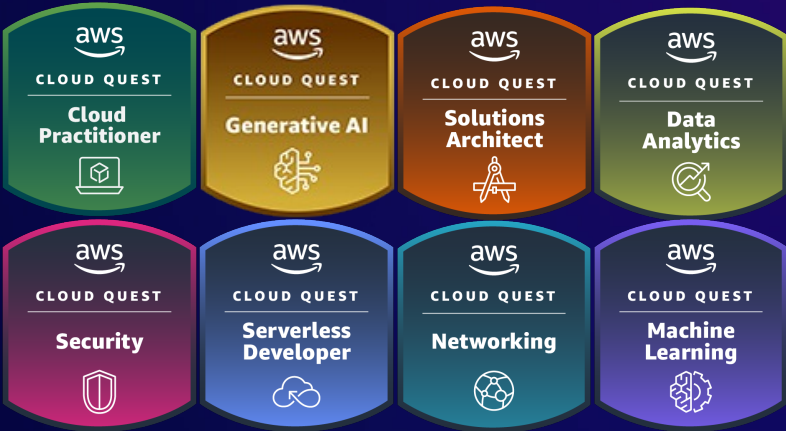
⁴ University of Oxford, [Artificial Intelligence Skills Can Increase Salaries by as much as 40%](#)

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AWS Knowledge



Thank you!

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