SPECTRUM NETWORKS

Upskill Your Teams in the Technologies of Generative AI

Adopt and scale artificial intelligence and machine learning with AWS-authorized training

aws PARTNER
Advanced Tier
Training

Invest in Teams Alongside Tools

Powered by unprecedented advances in artificial intelligence (AI) and machine learning (ML), generative AI is transforming how forward-thinking organizations do business, accelerating efficiency and driving continuous innovation. A growing number of AI use cases are being leveraged to accelerate that innovation, enhance customer experiences, advance productivity, boost creativity and content generation.

A critical part of gaining operational value from generative AI and ML is building highly relevant, practical skills. Emerging generative AI and ML use cases can unlock value across all your departments, including marketing, finance, and customer service. Realize value faster by empowering both technical and non-technical team members to understand the relevant languages and capabilities.

This eBook is designed to guide the consideration of these transformative technologies and demonstrate how AWS-authorized training offered by Spectrum Networks can help teams put AI and ML to work for real.

75%

of organizations plan to adopt big data, cloud computing, and AI in the next 5 years[1]

1 "The Future of Jobs Report 2023," World Economic Forum, April 2023

Applying Generative AI

From chatbots and virtual assistants to intelligent contact centers, personalization, and content moderation, the era of generative AI–enabled tools and application releases has the potential to transform outcomes across many core industries. Here are a few examples:
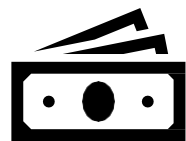
Healthcare and life sciences
- Accelerate drug discovery
- Design novel protein and synthetic gene sequences
- Create synthetic patient data

Financial services
- Improve client experiences
- Enhance knowledge-worker efficiency
- Analyze market sentiment
- Innovate and automate

Automotive and manufacturing
- Improve part design
- Develop new in-vehicle experiences
- Automate testing and maintenance

Media and entertainment
- Accelerate content creation
- Enhance music compositions
- Introduce new gaming possibilities

Education
- Summarize texts
- Automate testing and grading
- Personalize and invent learning experiences

Adopt AI and ML Faster and Achieve Bigger Results

Upskilling with AI, ML, and deep learning empowers your team with the skills, knowledge, and expertise to help your company achieve transformative business results. 97% of organizations say employing AWS Certified staff puts their company in a better position to succeed[2].

Understanding Generative AI

Generative AI is a type of AI that can create new content and ideas, including conversations, stories, images, videos, and music. It is powered by ML models—very large models that are pretrained on vast amounts of data and commonly referred to as foundation models (FMs).

These FMs can be customized to perform domain-specific functions, allowing organizations to create differentiation while only using a small fraction of their data and compute power.

Generative AI is transforming businesses across virtually every industry, with new use cases, products, and services emerging at a rapid pace.

AWS Artificial Intelligence and Machine Learning Training

Spectrum Networks, is trusted by AWS to offer, deliver, and/or resell official AWS Training, including classroom and digital courses authored by AWS. As an AWS Training Partner, we continually meet or exceed rigorous criteria to maintain our status. Based on your needs, we can offer a mix of digital and classroom training solutions, including private deliveries from an AWS Authorized Instructor for your team. As your team's needs and technologies evolve over time, we'll continue to offer you the latest AWS Training.

Free foundational training

COURSE	LEVEL	DURATION
Generative AI for Executives	Foundational	1.5 hours
Introduction to Prompt Engineering	Foundational	1 hour
Machine Learning Basics	Foundational	1.5 hours

Classroom training

COURSE	LEVEL	DURATION
MLOps Engineering on AWS	Intermediate	3 days
Practical Data Science with Amazon SageMaker	Intermediate	1 day
The Machine Learning Pipeline on AWS	Intermediate	4 days
Amazon SageMaker Studio for Data Scientists	Advanced	3 days

Upskill at Scale

Available from Spectrum Networks, **AWS Skill Builder** offers 100+ self-paced, digital trainings on AI /ML, including generative AI. Build practical skills in an AWS Console environment with self-paced labs, role-based gamified learning, and Jam challenges.

Validate Your Team's Growing Generative AI and Machine Learning Expertise

AWS Certifications are Industry Recognized

Build your team's generative AI skills and boost their credibility with relevant AWS Certifications.

Leaders consistently state that investing in their team's professional development and encouraging individual team members to earn certifications helps to retain skilled talent. Certification gives employers the assurance that certified employees have attained validated skills that adhere to the latest best practices.

AWS Certified Machine Learning – Specialty

This certification validates expertise in building, training, tuning, and deploying ML models on AWS. Individuals in development or data science roles with more than one year of experience developing, architecting, or running ML workloads in the AWS Cloud would be ideal candidates to earn this certification.

AWS Certification Exam Prep

Spectrum Networks offers training courses and resources to prepare your team to take the AWS Certified Machine Learning – Specialty exam. Preparation materials include an exam readiness training course, the exam guide, sample questions, whitepapers, and FAQs.

> "We emphasize nurturing talent and refining machine learning and generative AI skills, showcased through AWS Certifications. AWS Training, involving live workshops and on-demand learning via AWS Skill Builder, has been pivotal in advancing our expertise and elevating our unique value proposition in generative AI on AWS."
>
> Ben Rogers
> Talent Success Manager
> and Head of QA

Inawisdom
a Cognizant company

Deliver Cloud Training at Scale

Building cloud and generative AI skills across organizations is both a necessity to keep up with the pace of technological change and an opportunity to develop people's expertise. Managers won't be able to hire their way out of this skills gap, making training current employees essential.

As demand for cloud and generative AI expertise grows, professionals are seeking greater access to flexible training that works best for their unique needs.

AWS Skill Builder, engages learners of all skill levels to build cloud skills their way and at their own pace. With 600+ digital courses, curated learning plans, hands-on labs, and immersive learning experiences, AWS Training is helping thousands of customers realize their AI initiatives today to future-proof for tomorrow.

Contact us to learn more about AWS Skill Builder »

Deepen your team's expertise and create a culture of learning with an **AWS Skill Builder Team subscription**, available for teams as small as five from Spectrum Networks.

- Assign training, track and monitor progress with reporting from Administrator Dashboard
- Grow team collaboration and expertise with AWS Jam events and
- Leverage competition to drive training engagement with AWS Cloud Quest Tournaments
- Provide customized learning paths to accelerate onboarding and productivity

Contact us to find a class today »

6 IN 10

workers will require training before 2027 – but only half have access to adequate training opportunities today[1]

1 "The Future of Jobs Report 2023," World Economic Forum, April 2023

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Get Started

Find a class today »

About Us

Spectrum Networks, is an authorized AWS training partner and a front-runner in corporate B2B trainings and certifications, providing AWS certified training courses in the APAC (India, Singapore) & Middle East (UAE, Saudi Arabia, Qatar) region. Organizations can take advantage of our Instructor led trainings delivered in-person or virtually catering to specific job roles and verticals.

All our courses are delivered by our Instructors, who are AWS certified to provide the entire line-up of AWS trainings on technologies like cloud computing, storage, database, AI and more. These include trainings all the way from the one-day foundational courses to advanced job role courses that enable candidates to certify right up to the associate and professional levels. A wide variety of specialty courses are also being covered.

Contact us »

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