



Take Control. Shift your career into AI



AWS Certified AI Practitioner

Learn AI like a pro. Apply it like a practitioner. Get certified with confidence.



What is this Program?

The AWS Certified AI Practitioner Program is a structured training course designed to help learners build strong foundations in Artificial Intelligence, Machine Learning, Generative AI, and AWS AI services while preparing for the AWS Certified AI Practitioner (AIF-C01) certification.

This program combines live mentor-led training, guided learning, practical demonstrations, exam-focused preparation, and business-oriented AI use cases so learners can understand both the technology and its real-world application.

Highlights

Instructor-led sessions by an experienced cloud and AI mentor

Mapped to the latest AWS Certified AI Practitioner (AIF-C01) exam objectives

Strong coverage of AI, ML, Generative AI, Responsible AI, and AWS services






Hands-on demos and applied business use cases

Practice questions and mock exam readiness

Career guidance, interview support, and mentorship

Beginner-friendly learning path with no prior AI experience required

Learning Format & Community Access

| Mode | Details |
|---|---|
|  Instructor-Led | Interactive online sessions |
|  Recorded Videos | Self-paced access for reference |
|  Practice Sessions | Concept reviews, quizzes, and guided exercises |
|  Exam Prep | Certification-oriented preparation and mock tests |
|  Career Support | Resume, LinkedIn, Interviews |

 All sessions can be supported through private learning access for enrolled learners.



Learn from the Best:

- 💡 **Mentor-led concept sessions**
- 🚀 **Industry-focused AI use cases**
- 🔧 **Practical walkthroughs of AWS AI tools**
- 💬 **Career guidance from an experienced technology leader**

Key Takeaways

- **60+ Hours of Guided Learning**
- **Practical Coverage of AWS AI Services**
- **Business-Focused AI Use Cases**
- **Certification Preparation Support**
- **Mock Tests + Practice Questions**
- **Responsible AI and Governance Concepts**



Who should join?

This program is designed for learners, professionals, and decision-makers who want to understand AI in a practical and career-oriented way.

It's ideal for:

- **Beginners exploring AI and cloud technologies**
- **Working professionals planning to upskill in AI**
- **Business analysts, product professionals, and managers**
- **IT support, operations, and cloud professionals**
- **Career switchers entering AI-enabled roles**
- **Students and freshers looking to build future-ready skills**
- **Non-developers who want a strong conceptual understanding of AI on AWS**



Why Choose the AWS Certified AI Practitioner Program?

Our AWS Certified AI Practitioner program is designed to simplify AI for learners and professionals who want to build practical knowledge without getting lost in unnecessary complexity.

In this program, learners understand not just the theory behind AI, but also how AWS services enable real business outcomes. The focus is on clarity, practical relevance, certification readiness, and career growth.

This is more than a certification course — it is a structured entry point into the world of AI, cloud, and modern intelligent applications.

Build Strong AI Foundations

Start from the basics and understand the real meaning of Artificial Intelligence, Machine Learning, Deep Learning, Foundation Models, and Generative AI in a clear and practical way.

Fast-Track Your AI Learning Journey

Learn through a structured and easy-to-follow roadmap that covers concepts step by step, from fundamentals to AWS AI services to responsible AI and governance.

Certification-Aligned Preparation

The program is aligned to the AWS Certified AI Practitioner (AIF-C01) certification blueprint, helping learners prepare confidently for the exam.

Applied Learning with Real Context

Go beyond definitions and explore how AI is used in business scenarios such as:





- Intelligent document processing
- Chatbots and conversational AI
- Recommendation systems



- Language translation and sentiment analysis
 - Computer vision use cases
 - Retrieval-Augmented Generation (RAG) concepts
 - Foundation model evaluation and customization
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Career-Ready Outcomes

Along with technical understanding, learners also receive support for career growth through:

-  Resume and LinkedIn guidance
 -  AI interview discussion topics
 -  Job-readiness support
 -  Mentorship and practical career direction
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Meet Your Mentor – Naresh Adepu

Naresh Adepu

He is a senior technology leader with 20+ years of experience in Enterprise IT, Cloud Architecture, Infrastructure Engineering, and Technology Strategy. He is an **AWS Certified AI Practitioner**, **AWS Certified Solutions Architect**, and **Azure Certified Solutions Architect**, bringing a practical perspective on how AI and cloud technologies are applied in real business environments. Having mentored professionals across cloud, DevOps, infrastructure, and modern technology domains, he helps learners move beyond theory and build skills that are relevant to today's industry needs.

Program Structure

The course is divided into 4 structured phases, moving from AI fundamentals to AWS AI services, Generative AI, responsible AI, and certification preparation.

Below is the detailed module-wise syllabus.



Phase 1

AI & Machine Learning Foundations

Module 1: Introduction to Artificial Intelligence

- What is Artificial Intelligence?
- AI vs Machine Learning vs Deep Learning
- Common AI use cases in business
- When AI creates value
- Situations where AI may not be the right solution

Module 2: Core Concepts of Machine Learning

- How Machine Learning works
- The Machine Learning lifecycle
- Types of data used in ML
- Training, validation, and inference
- Real-world examples of ML systems

Module 3: Types of Machine Learning

- Supervised Learning
- Unsupervised Learning
- Reinforcement Learning
- Semi-supervised Learning
- Practical examples of each learning approach

Module 4: Neural Networks and AI Domains

- Neural network basics
- Computer Vision overview
- Natural Language Processing (NLP) overview
- AI domains and common applications
- Introduction to intelligent systems



Phase 2

AWS AI Services & Applied AI on AWS

Module 5: AWS Foundations for AI

- AWS global infrastructure basics
- Core AWS concepts for AI workloads
- Introduction to AWS AI ecosystem
- AWS shared cloud fundamentals relevant to AI

Module 6: AWS Pre-Built AI Services

- Image and video analysis services
- Speech recognition and transcription services
- Translation and language services
- Text-to-speech and conversational AI services
- Document intelligence services
- **Module 7: Business-Focused AWS AI Services**
- Recommendation engines
- Fraud detection concepts
- Intelligent enterprise search
- Forecasting use cases
- Human review workflows in AI systems

Module 8: Amazon SageMaker Fundamentals

- What is Amazon SageMaker
- Overview of ML development lifecycle in SageMaker
- Model building, training, and deployment concepts
- ML pipelines and MLOps basics
- Performance metrics for classification and regression models



Phase 3

Generative AI, Foundation Models & Prompting

Module 9: Introduction to Generative AI

- What is Generative AI?
- Foundation Models and Large Language Models
- Tokens, embeddings, and vectors
- Multimodal models
- Diffusion models overview

Module 10: Amazon Bedrock and GenAI on AWS

- Introduction to Amazon Bedrock
- Foundation model access and usage concepts
- Bedrock capabilities and common use cases
- Amazon Q Business and Amazon Q Developer overview
- SageMaker JumpStart overview

Module 11: Building with Foundation Models

- Model selection considerations
- Inference parameters: temperature, top-k, top-p, output length
- Retrieval-Augmented Generation (RAG) concepts
- Knowledge bases and vector database concepts
- Agents for multi-step AI tasks
- Model customization and fine-tuning approaches

Module 12: Prompt Engineering & AI Risks

- Prompt engineering fundamentals
- Writing effective prompts
- Improving prompt quality and precision
- Prompt injection and AI misuse risks
- Model exposure, poisoning, hijacking, and jailbreaking basics



Phase 4

Responsible AI, Security, Governance & Exam Prep

Module 13: Responsible AI Concepts

- Principles of Responsible AI
- Fairness, bias, and explainability
- Ethical considerations in AI
- Legal and compliance considerations
- Sustainability and responsible model selection

Module 14: Model Evaluation & Fine-Tuning

- Fine-tuning fundamentals
- Data preparation for model tuning
- Foundation model evaluation methods
- Metrics such as accuracy, F1-score, BLEU, ROUGE, perplexity
- Understanding model quality and performance

Module 15: Security for AI on AWS

- AI security in the AWS Shared Responsibility Model
- Identity and Access Management concepts
- Encryption at rest and in transit
- Secure access to AI workloads
- Network security considerations for AI systems

Module 16: Data Governance & Compliance

- Data provenance and lineage
- Data governance for AI systems
- Privacy and compliance fundamentals
- Governance frameworks for Generative AI
- AWS tools and services supporting governance and compliance



Certification Prep

AWS Certified AI Practitioner Exam Preparation

- Detailed review of AIF-C01 exam domains
- Practice questions and concept-based revision
- Scenario-based discussion for exam confidence
- Mock tests and exam strategy guidance

Pricing & Enrollment

Pricing:

Special Launch Offer: ₹15000/-

Batch:

Starts: WhatsApp/Call to enquire | Duration: 30 Days

Live Classes: Weekday or weekend format based on batch schedule

Contact & Support

Have Questions?

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