AWS Certified AI Practitioner Bootcamp

This 8-hour two-day live training course is designed to help you understand Amazon Web Services Machine Learning (ML) and Artificial Intelligence (AI) capabilities and services. It serves as an introduction and foundation building course in AWS AI. It will also fully prepare you for the AWS Certified AI Practitioner exam. This certification will validate in-demand knowledge of AI/ML, and generative AI concepts and use cases.

The ideal candidate for this course and exam is familiar with AI/ML technologies on AWS and uses but does not necessarily build AI/ML solutions on AWS. Amazon recommends that individuals attain the AWS Certified Cloud Practitioner or an Associate-level AWS Certification before attempting the Certified AI Practitioner exam. This two-day training course has no prerequisites however and is suitable for anyone that is brand new to AI.

Prior to attending the Live sessions, please sign up for an AWS Free Tier account at the following URL: https://aws.amazon.com/free/

Agenda/Syllabus over the two days

DAY 1

- Basic AI Concepts and Terminologies
- Practical Use Cases for AI
- The ML Development Lifecycle
- Machine Learning Operations (MLOps)
- Basic Concepts of Generative AI
- Capabilities and Limitations of Generative AI

DAY 2

- Building Generative AI Applications with AWS
- Design Considerations for Applications Using Foundation Models
- Effective Prompt Engineering Techniques
- Training, Fine-tuning, and Evaluating Foundation Models
- Guidelines for Responsible AI
- Security, Compliance, and Governance for AI Solutions

3. Prior to attending the Live sessions, please sign up for an AWS Free Tier account at the following URL: https://aws.amazon.com/free/. It would also be optimal to have previously attended our 2-day AWS Certified Cloud Practitioner bootcamp.