

AWS MACHINE LEARNING CERTIFICATION

As per International Standards



UNICHROME

Unichrone Training **Advantages**

- ✓ 2 Day Interactive Instructor –led Online/Classroom or Group Training
- ✓ Course study materials designed by subject matter experts
- ✓ Mock Tests to prepare in a best way
- ✓ Highly qualified, expert & accredited trainers with vast experience
- ✓ Enrich with Industry best practices and case studies and present trends
- ✓ AWS Machine Learning Training Course adhered with International Standards
- ✓ End-to-end support via phone, mail, and chat
- ✓ Convenient Weekday/weekend AWS Machine Learning Training Course schedule



About Unichrone

✓ We are a professional training institute with an extensive portfolio of professional certification courses. Our training programs are meant for those who want to expand their horizons by acquiring professional certifications across the spectrum. We train small- and medium-sized organizations all around the world, including in USA, Canada, Australia, UK, Ireland and Germany.



Guaranteed Quality



Handpicked Trainers



Global Presence



Online Training Option

We've trained professionals across global companies

PHILIPS

AXCESS
FINANCIAL PRODUCT MANAGEMENT

CLARIANT



AkerSolutions

WÜRTH

baycoat

DU PONT

DASHTI

GlobalSign

Triskele Labs

مصرف الراجحي
Al Rajhi Bank

DHL

ARASCO



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Importance of AWS Machine Learning Training

- ✓ AWS Machine Learning Certification validates an individual's ability to create, train, and distribute ML models utilizing AWS. This certification concentrates on areas including data engineering, EDA, and ML implementation using AWS tools such as SageMaker. It shows that individuals possess the required expertise in designing and deploying efficient ML solutions. The certification is proof of mastery in one of the most popular fields within the technology sphere today.
- ✓ AWS Machine Learning Training is designed for IT professionals, data scientists, and engineers to advance their careers through AWS ML services. This course is beneficial for data scientists, machine learning engineers, developers, and data engineers. It includes detailed topics including data engineering, data preparation and feature engineering, model training and evaluation, and model deployment and operations with Amazon SageMaker.

ELIGIBILITY CRITERIA

- ✓ Aspirants need not meet any requirements to pursue AWS Machine Learning Training Course. However, having prior knowledge is beneficial.

WHO SHOULD ATTEND

- ✓ Any individual who wants to gain skills to understand ML can enroll in the AWS Machine Learning Training course.

AWS MACHINE LEARNING CERTIFICATION ADVANTAGES



CERTIFIES
YOUR TALENT



HELPS
BUILDING
VALUES



GLOBAL
RECOGNITION



PERFECT
EXECUTION



BUILDS
CUSTOMER
LOYALTY



MORE
EMPLOYABILITY
OPTIONS

Syllabus of AWS Machine Learning Training

Lesson 01 – Get Started with Machine Learning

1.	Artificial Intelligence
2.	Machine Learning
3.	Deep Learning

Lesson 02 – Machine Learning and Deep Learning Theory

1.	<p>Machine Learning Concepts</p> <ul style="list-style-type: none">• Machine Learning Lifecycle• Supervised Learning, Unsupervised Learning, and Reinforcement Learning• Optimization• Hyperparameters and Validation
2.	<p>Machine Learning Algorithms</p> <ul style="list-style-type: none">• Linear Regression• Logistic Regression and Syntax of Logistic Regression• Support Vector Machines• Decision Tree and Random Forests• Latent Dirichlet Allocation
3.	Deep Learning Algorithm
4.	Model Performance and Optimisation
5.	Machine Learning Tools and Frameworks

Syllabus of AWS Machine Learning Training

Lesson 03 – Amazon Web Services

1.	<p>Introduction to AWS Services</p> <ul style="list-style-type: none"> • S3 • Glue • Athena • Quick Start • Kinesis Data Stream and Kinesis Data Firehose • Kinesis Video Streams • Kinesis Data Analytics • EMR with Spark • Amazon ML
2.	<p>AWS Application Services AI/ML</p> <ul style="list-style-type: none"> • Amazon Recognition • Amazon Polly • Amazon Translate • Amazon Comprehend • Amazon Lex • Amazon Service Chaining with AWS Step Functions

Lesson 04 – Amazon SageMaker

1.	What is Amazon SageMaker?
2.	Three Stages
3.	Control SDK and Control Notebooks
4.	SageMaker Notebooks
5.	<p>Build</p> <ul style="list-style-type: none"> • Data Preprocessing • Ground Truth • Preprocessing Image Data • Algorithms
6.	<p>Train</p> <ul style="list-style-type: none"> • SageMaker Algorithms-Architecture • Training an Image Classifier • Hyperparameter Tuning
7.	<p>Deploy</p> <ul style="list-style-type: none"> • Inference Pipelines • Real-Time and Batch Inference • Deploy an Image Classifier • Accessing Inference from Apps • Create a Custom APIs for Inference
8.	<p>Security</p> <ul style="list-style-type: none"> • Securing SageMaker Notebooks • SageMaker and the VPC

Exam Format of AWS Machine Learning Certification

Examination Format	
Exam Name	AWS Machine Learning Exam
Exam Format	Multiple Choice, Multiple Response
Total Questions & Duration	65 Questions, 180 minutes
Exam Cost	USD 300
Passing Score	Minimum passing score of 70%

To get you fully prepared with the knowledge and skills for AWS Machine Learning, a training session at Unichrone gives immense importance to mock questions at the end of every module and problem-solving exercises within the session. Prepared by certified faculty, the practice tests are a true simulation of the AWS Machine Learning exam.

Contact Us

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<https://unichrone.com/>

