

# MACHINE LEARNING CERTIFICATION

As per International Standards



## UNICHROME

# Unichrone Training **Advantages**

- ✓ 1 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
- ✓ Machine Learning Training Course adhered with International Standards
- ✓ End-to-end support via phone, mail, and chat
- ✓ Convenient Weekday/weekend 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



AkerSolutions





# Importance of Machine Learning Training

- ✓ Machine Learning Certification enables professionals to master key aspects and techniques related to artificial intelligence. It aids professionals to utilize ML algorithms for exploratory data investigations. They learn to utilize ML algorithms for exploratory investigations of data. Additionally, the benefits of obtaining this certification include enhanced AI skills, career advancement, higher earnings, industry recognition, job security, and a competitive edge in the fast-changing tech arena.
- ✓ Machine Learning Certification Course aims to provide training for individuals who are interested in machine learning with the necessary skills. It covers vital subjects involving regression, classification, clustering, and deep learning, thus giving participants insights into how machine learning algorithms work. The attendees will get hands-on experience building and testing ML models through interactive sessions, practical exercises, and examples from real life.

## ELIGIBILITY CRITERIA

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

## WHO SHOULD ATTEND

- ✓ Any individual who wants to gain skills to handle ML algorithms can enroll in Machine Learning Training course.

# MACHINE LEARNING CERTIFICATION ADVANTAGES



CERTIFIES  
YOUR TALENT



HELPS  
BUILDING  
VALUES



GLOBAL  
RECOGNITION



PERFECT  
EXECUTION



BUILDS  
CUSTOMER  
LOYALTY



MORE  
EMPLOYABILITY  
OPTIONS

# Syllabus of Machine Learning Training

## Lesson 01 – Introduction

1.	What is Machine Learning?
2.	Main Elements of Machine Learning
3.	Traditional Programming Vs Machine Learning
4.	Real Time Applications of Machine Learning

## Lesson 02 – Importance of Machine Learning and its Techniques

1.	Importance of Machine Learning
2.	Types of Machine Learning
3.	How Machine Learning Works?

# Syllabus of Machine Learning Training

## Lesson 03 – Machine Learning Mathematics

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|----|--|
| 1. | What is Machine Learning Mathematics?                |
| 2. | Why Mathematics is Significant for Machine Learning? |

## Lesson 04 – Data Pre-Processing

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|----|--------------------------------|
| 1. | What is Data Pre-Processing?   |
| 2. | Way to Handling Missing Values |



# Syllabus of Machine Learning Training

## Lesson 05 – Supervised Learning

1. Introduction to Supervised Learning

## Lesson 06 – Classification

1. Introduction to Classification
2. Types of Learners
3. Support Vector Machines (SVM)
4. How does SVM Work?
5. Discriminant Analysis
6. Naive Bayes
7. Nearest Neighbour

# Syllabus of Machine Learning Training

## Lesson 07 – Regression

1.	Introduction to Regression
2.	Regression Models
3.	Linear Regression and GLM
4.	SVR
5.	Decision Tree
6.	Neural Networks

## Lesson 08 – Unsupervised Learning

1.	What is Unsupervised Learning?
2.	Difference Between Supervised and Unsupervised Learning
3.	Technologies for Data Security
4.	Open Questions and Challenges

# Syllabus of Machine Learning Training

## Lesson 09 – Clustering

1.	Introduction to Clustering
2.	K-Means
3.	K-Medoids
4.	Fuzzy
5.	Hierarchical
6.	Gaussian Mixture
7.	Hidden Markov Model

## Lesson 10 – Deep Learning

1.	Introduction to Deep Learning
2.	Importance of Deep Learning
3.	How Deep Learning Works?

# Exam Format of Machine Learning Certification

Examination Format	
Exam Name	Machine Learning Exam
Exam Format	Multiple Choice
Total Questions & Duration	30 Questions, 1 Hour
Passing Score	Minimum passing score of 70%
Exam Cost	Included in training fee

To get you fully prepared with the knowledge and skills for 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 Machine Learning exam.

# Contact Us

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<https://unichrone.com/>

