DATA MINING CERTIFICATION

As per International Standards

UNICHRONE

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
- ✔ Data Mining Training Course adhered with International Standards
- ✔ End-to-end support via phone, mail, and chat
- ✔ Convenient Weekday/weekend Data Mining Training Course schedule

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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
FINACIAL PRODUCT MANAGEMENT

CLARIANT

AkerSolutions

WÜRTH

baycoat

DU PONT

DASHTI

GlobalSign

TriskeleLabs

مصرف الراجحي
Al Rajhi Bank

DHL

ARASCO أراسكو

EMERSON

accenture

VOLVO

AMA
AMERICAN MEDICAL ASSOCIATION

sitel group

Signify

Atos

LEAR CORPORATION

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Importance of Data Mining Training

✓ Data Mining Certification provides learners with fundamental skills and principles of data mining. The significance of this certification includes recognition of data mining competence that can lead to better employment opportunities and future promotions. Data Mining Certification signifies competence in the methodologies of data mining. Certified professionals equipped with this skill set can usher in using facts and figures to make crucial decisions resulting in positive business results.

✓ Data Mining Training gives a general and substantive overview of the basic concepts and techniques of data mining. It covers several topics including data preprocessing, classification, clustering, and predictive modelling. Data Mining Training provides hands-on exercises, real-world case studies, and interactive sessions to help participants acquire practical skills and in-depth knowledge about data mining techniques and methods.

ELIGIBILITY CRITERIA

✔ Aspirants need not meet any requirements to pursue Data Mining Training Course. However, having prior knowledge is beneficial.

WHO SHOULD ATTEND

✔ Any individual who wants to gain skills to protect data can enroll in Data Mining Training course.

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DATA MINING CERTIFICATION ADVANTAGES

CERTIFIES YOUR TALENT

HELPS BUILDING VALUES

GLOBAL RECOGNITION

PERFECT EXECUTION

BUILDS CUSTOMER LOYALTY

MORE EMPLOYABILITY OPTIONS

Syllabus of Data Mining Training

Lesson 01 – Getting Started with Data Mining

1. Introduction to Data Mining
2. Types of Data
3. Data Objects and Attribute Types
4. Data Visualization
5. Measuring Data Similarity and Dissimilarity

Lesson 02 – Data Preprocessing

1. Introduction to Data Preprocessing
2. Data Integration
3. Data Cleaning
4. Data Reduction
5. Data Transformation
6. Data Discretization

Syllabus of Data Mining Training

Lesson 03 – Data Warehousing and Online Analytical Processing
1. Basic Concepts of Data Warehousing
2. Data Cube and OLAP
3. Design of Data Warehouse
4. Implementation of Data Warehouse
5. Uses of Data Warehouse

Lesson 04 – Data Cube
1. Preliminary Concepts
2. Data Cube Computation Methods
3. Multidimensional Data Analysis in Cube Space

Syllabus of Data Mining Training

Lesson 05– Mining Frequent Patterns, Associations, and Correlations	
1.	Frequent Itemset Mining Methods
2.	Pattern Evaluation Methods

Lesson 06 – Advanced Pattern Mining.	
1.	Pattern Mining in Multilevel and Multidimensional Space
2.	Constraint-Based Frequent Pattern Mining
3.	Mining High-Dimensional Data and Colossal Patterns
4.	Mining Compressed or Approximate Patterns
5.	Pattern Exploration and Application

Syllabus of Data Mining Training

Lesson 07 – Classification
1. Introduction to Classification
2. Decision Tree Induction
3. Bayes Classification Methods
4. Rule-Based Classification

Lesson 08 – Advanced Methods of Classification
1. Backpropagation
2. Classification Using Frequent Patterns
3. Lazy Learners
4. Genetic Algorithms, Rough Set Approach, and Fuzzy Set Approaches

Syllabus of Data Mining Training

Lesson 09 – Cluster Analysis
1. Introduction to Cluster Analysis
2. Partitioning and Hierarchical Methods
3. Density-Based and Grid-Based Methods

Lesson 10– Advanced Cluster Analysis
1. Probabilistic Model-Based Clustering
2. Clustering High-Dimensional and Graph Data
3. Clustering with Constraints

Syllabus of Data Mining Training

Lesson 11– Outlier Detection
1. Outlier Analysis
2. Outlier Detection Methods
3. Statistical and Proximity-Based Approaches
4. Clustering-Based and Classification-Based

Exam Format of Data Mining Certification

Examination Format	
Exam Name	**Data Mining 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 data mining, 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 Data Mining exam.

Contact Us

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https://unichrone.com/