Certified Machine Learning Professional

In today's world, where technology continues to shape industries and drive innovation, the importance of machine learning cannot be overstated.

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ABOUT CERTIFICATION

The GSDC Certified Machine Learning Professional (CMLP) is a highly in-demand certification exam that validates the skills and expertise of individuals in the field of machine learning.

The ML Certification equips professionals with the knowledge and proficiency required to harness the power of machine learning in various domains.

By demonstrating their competence through this machine learning professional certification, candidates showcase their ability to analyze vast amounts of data, develop predictive models, and make informed decisions.

With the machine learning certification, individuals gain a competitive edge in the job market, opening up new career opportunities and enhancing their credibility as experts in the field.

OBJECTIVES

1. Master essential machine learning concepts and techniques.
2. Develop predictive models using machine learning algorithms.
3. Analyze and interpret large datasets for insights.
4. Implement machine learning solutions in various domains.
5. Optimize and fine-tune machine learning models.
6. Evaluate and validate the performance of models.
7. Apply ethical considerations in machine learning applications.
8. Stay updated with the latest machine learning trends.

Our Accreditation:

The Global Skill Development Council (GSDC) is the leading third-party, Vendor neutral, international credentialing and certification organization. The Global Skill Development Council (GSDC) is proud to be ANSI Accredited Member.
The American National Standards Institute (ANSI) is a private, non-profit organization that administers and coordinates the U.S. voluntary standards and conformity assessment system.

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COURSE SYLLABUS

1.Introduction to Machine Learning:
- What is Machine Learning
- Iterative learning from data
- What s old is new again
- Definition of Big Data
- Big Data in Context with Machine Learning
- The Need to Understand and Trust your Data
- Hybrid Cloud And Its importance
- Leveraging the Power of Machine Learning
- Descriptive analytics
- Predictive Analytics
- When Statistics and Data Mining Teams Up with Machine Learning
- Machine Learning in Context
- Approaches towards Machine Learning
- Supervised learning
- Unsupervised learning
- Reinforcement learning
- Neural networks and deep learning

2.Applying Machine Learning to Business Needs:
- Understanding of customer dissatisfaction
- Recognizing the reason behind poor customer satisfaction
- Preventing Accidents from happening
- Advice for Applying Machine Learning

3.Looking Inside Machine Learning:
- The Impact of Machine Learning on Applications
- Algorithm s role
- Categories of the machine learning algorithm
- Training machine learning systems

- Data Preparation
- Identifying Relevant Data
- Governing Data
- The Machine Learning Cycle
- Application Example: Photo OCR

4.Getting Started With Machine Learning:
- Understanding How Machine Learning Can Help
- Focus On The Business Problem
- Bringing data silos together
- Avoiding troubles to occur
- Getting the focus of customers
- Machine Learning for Business

5.Learning Machine Skills:
- Determining the skill that you need
- Getting educated
- IBM-Recommended Resources

6.Business Problems Can Be Solved Using Machine Learning:
- Applying Machine Learning To Patient Health
- Leveraging IoT to create more predictable outcomes
- Proactively Responding To IT Issues
- Protecting against fraud
- **7.Ten Predictions On The Future Machine Learning:**

GSDC Technical Advisory Board :

The GSDC is the leading certification association which brings together innovative organizations and founding thought-leaders as Technical Advisors from over 40 countries to design curriculum on Blockchain, Devops, Six Sigma & Agile Certifications.

Our Future Information

Target Audience

- IT Professionals
- Software Developers
- Process Managers
- Project Managers
- Data Analysis Professionals
- Web Developers
- Application Developers

Pre-requisites

- This certification can be earned without meeting any prerequisites.
- It will be beneficial to have some basic programming and statistical expertise.

Find out more online at
www.gsdcouncil.org