

Certified Machine Learning Professional (CMLP)

IT SERIES

HRDF

www.zohlgroup.com

COURSE CODE: CMLP

LEVEL: Intermediate to Advanced

LANGUAGE: Bahasa & English

ABOUT MACHINE LEARNING CERTIFICATION

GSDC's Certified Machine Learning Professional gives learners a broad introduction and all aspects of machine learning. Machine learning is everywhere nowadays because we are businesses wants the machine to learn to behave like human but in an efficient way.

After getting this qualification you will be able to use the probability concepts and statistical methods to design and build a core machine learning algorithm, Also candidates will learn two types of ML which are supervised and unsupervised.

Human beings are facing both types of ML algorithms every day like a spam filter in your mail or voice recognition from your Smartphone which comes under supervised ML. In unsupervised ML you will learn how eCommerce platform shows you products you want to buy.

CERTIFIED MACHINE LEARNING OBJECTIVES

Clear understanding of:

- You will learn Machine Learning concepts and future scope.
- Learn about deep learning fundamentals.
- Learn Supervised and Unsupervised learning.
- You will learn to design Machine Learning algorithms.

COURSE DURATION

5 days (9am—5pm)

Tea Breaks: 10:30am & 3:30pm

Lunch: 1:00pm-2:00pm

Note: Please contact our office for Training Date or visit our website for details (www.zohlgroup.com/mdc)

METHODOLOGY

This program will be conducted with:

- Interactive Lectures using PowerPoint presentation
- Discussions
- Practical Exercise
- Case Study
- Video Presentation

TARGET AUDIENCE

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

LOCATION

ONLINE and/or Mindset Discovery Center™@ZOHL, M2-6-08, Level 6, 8trium Tower 2, Bandar Sri Damansara, Kuala Lumpur (other Regions please contact our office)

KEY TAKEAWAYS

- Showcase your expertise.
- Prove your Machine Learning skills and understanding.
- Implement your skills in your organization.
- Scale up your career.
- You will become a part of this industrial revolution.

PRE-REQUISITES

- There are no pre-requisites for getting this certification.
- Basic knowledge of programming and statistics will be beneficial.

COURSE CONTENT

Module 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

Customized In-House Training Program is available in the following areas:

Accounting & Finance | Administrative Skills | Career Development | Human Resources | Personal Development | Sales & Marketing | Leadership & Management | Workplace Essentials | Digital & Social Media Marketing | Cust Svc | SCM | Entrepreneurship | Soft Skills | HSE | Engineering | Telecoms | ICT | ISO | PM | TQM

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- ◇ Unsupervised learning
- ◇ Reinforcement learning
- Neural networks and deep learning

Module 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

Module 3. Looking Inside Machine Learning:

- The Impact of Machine Learning on Applications
 - ◇ Algorithms 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

Module 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

Module 5. Learning Machine Skills

- Determining the skill that you need
- Getting educated
- IBM-Recommended Resources

Module 6. Using Machine Learning To Provide Solutions With Business Problems

- Applying Machine Learning To Patient Health
- Leveraging IoT to create more predictable outcomes
- Proactively Responding To IT Issues
- Protecting against fraud

Module 7. Ten Predictions On The Future Machine Learning

Question & Answer Session

Examination

- Ensure that you have filled up the basic details.
- This exam consists of 40 multiple-choice questions.
- Candidates need to score a minimum of 65% of the total marks (i.e. 26 out of 40) to pass this examination.

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- The total duration of this examination is 90 minutes.
- Candidate should Tick against only one correct answer in Multiple Choice Questions.
- There is no negative marking system applicable to this examination.
- In case the participant does not score passing % then they will be granted a 2nd attempt at no additional cost. Re-examination can be taken up to 30 days from the date of the 1st exam attempt.

End of Program House-Keeping

- Program De-Briefing
- Feedback Questionnaire
- Closing Ceremony

Note: Course Content subject to further review

COURSE FEE

RM4,240 per person incl. 6% SST

(Fee inclusive of Course Material, Attendance Certificate, Professional Certificate, Exam Fees and Meals)

CERTIFICATE

Participants will be issued a Certificate of Attendance/Accomplishment upon successful completion of this training program. Full attendance is a pre-requisite.



In addition, a **Professional Certificate** from **GSDC** will also be awarded to those who pass the Exam.

WHY GSDC CERTIFICATION?

The Global Skill Development Council (GSDC) is an independent, vendor-neutral, international credentialing and certification organization for the emerging technologies:

- Advisory board members and SMEs are from around the world, drawn from different specializations.
- Supported by the world's most esteemed thought leaders from Yale, MIT, Stanford, Wharton, and Harvard.
- Hub of Trending Technologies and framework certifications.
- Content curated by Industry's best Subject matter experts.
- Webinars and Conferences.
- Training Partners Across The Globe. For Malaysian market ZOHL Consultancy Sdn Bhd has been appointed as one of the GSDC Training Partner.

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HRDF SBL KHAS

Claimable under HRDF SBL KHAS Scheme (for Companies contributing to HRDF)

REGISTRATION METHOD

- Online:** <https://zohlgroup.com/mdc/certification-programs-registration/> **OR**
- Download this brochure at: <https://zohlgroup.com/mdc/certification-programs/> and fill up the required information. Then please fax to: 03.6279.0663
- Or contact our office at: 03.6279.9276 / 013.398.1038

FACILITATOR

Dr Shaiful J. Hashim is currently an Associate Professor in the Department of Computer and Communication Systems Engineering, Faculty of Engineering, Universiti Putra Malaysia (UPM). He received his Ph.D from Cardiff University, UK (2011), M.Sc from National University of Malaysia (2003) and B.Eng from University of Birmingham, UK (1998) in the field of Electrical and Electronics Engineering.



He is one of the winners of the prestigious IEEE MTT-11 2008 Creativity and Originality in Microwave Measurements Competition. His research interests are cloud computing, Internet of Things (IoT), network security and non-linear wireless measurement system. He has contributed to more than 100 technical and research publications.

*Note: Trainer availability is subject to change



REGISTRATION FORM

Participant#1: _____

Position: _____

IC No: _____

Participant#2: _____

Position: _____

IC No: _____

Training Date: _____

Training Venue: _____

Organization: _____

Address: _____

Contact Person: _____

Position: _____

Tel: _____

Fax: _____

Email: _____

Company Website: _____

PAYMENT

CASH: RM _____ OR

CHEQUE No: _____

Please fax your bank-in slip to 03.6279.0663 or scan your bank-in slip and email to training@zohlgroup.com

*Please make your cheque payable to:

ZOHL Consultancy Sdn Bhd



Account No:
514392303373

Signature & Company Stamp

Note:

- Date & venue of seminar subject to changes
- Payment must be made 7 days before the training date
- Registration cancelled 7 days prior to the event is subject to RM100 service charge per participant
- No refunds for notice received less than 7 days prior to the event. A substitution may be made at any time at no extra charge.
- Program content may change subject to revision by our consultants from time to time.
- Full fee is required with your registration. 5% Group discount is available - min 3 pax.

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