CHARLESMANN
SOLUTIONS

ARTIFICIAL INTELLIGENCE

Machine Learning, Deep Learning and Data Science

Two Day Training Course

Google Partner

REGISTERED
HRD CORP
TRAINING PROVIDER

Course Outline

Artificial Intelligence (AI) is becoming an increasingly vital component for all businesses to consider and is an area that has the potential to revolutionise the way we live, work, and interact with each other. It is an area of technology that focuses on creating intelligent machines and software that can perform tasks that typically require human intelligence, such as visual perception, speech recognition, decision-making, and language translation.

In our unique training course, you will learn the fundamentals of AI, including its definition and practical applications. You will also learn about machine learning, deep learning, data science, and AI ethics. By the end of the course, you will have a solid understanding of AI and its potential applications in various business industries and sectors. The introduction to AI portion of the course covers the basics of AI development and deployment. Following which, our course covers machine learning and introducing different types algorithms and models used, while also covering deep learning. The course also covers different tools and frameworks used in AI development while also introducing different programming languages used in AI development.

By the end of this course, participants will have a solid understanding of AI concepts and workflows, and will also be able to apply the knowledge gained to real-world problems and developing AI applications The training course lasts two full days, with each day starting at 9.00am until 5.00pm, and is inclusive of course materials, certificate, lunch, refreshments and snacks, along with complimentary four week post course support and assistance. A wi-fi enabled laptop (not iPad or tablet) is required for this course along with a basic understanding of ICT and the internet.

Course Benefits

Following this course, you will understand:

- The fundamentals of AI, including its definition, history, and applications.
- Machine learning, deep learning, data science, and AI ethics, and how they are used to create intelligent systems.
- Different tools and frameworks used in AI development.
- Different applications of AI in various industries and how they can solve real-world problems.

Who Should Attend

- Business Owners
- IT Executives & Managers
- Project Managers
- Technology Planners
- Technology Consultants
- IT Specialists
- Cloud Operations Engineers

- Data Analysts
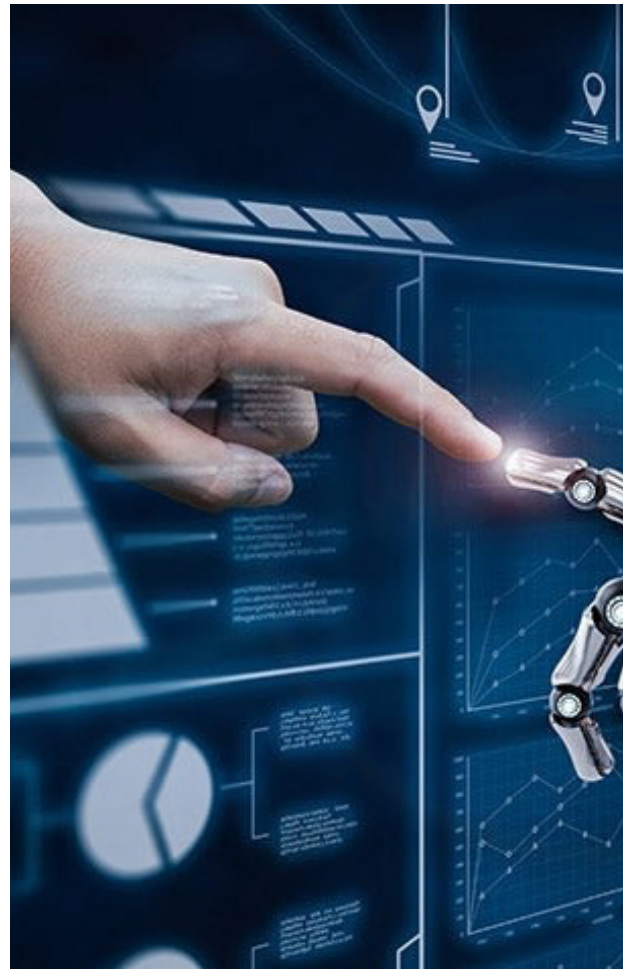- Business Development Managers
- Digital Strategists

Course Programme

Day One:

- Introduction to AI: Covering the basics of AI, including its definition, history, and applications.
- Machine Learning: Covering the fundamentals of machine learning, including algorithms, models, and techniques.
- Deep Learning: Covering the basics of deep learning, including neural networks, convolutional neural networks (CNNs), and recurrent neural networks (RNNs).
- Data Science: Covering the basics of data science, including data collection, cleaning, and analysis.

Day Two:

- AI Ethics: Covering the ethical considerations surrounding AI development and deployment.
- AI Tools and Frameworks: Covering the different tools and frameworks used in AI development and introducing different programming languages used in
- AI development. AI Applications: Covering different applications of AI in various industries, sectors and busness types

Course Trainer

Mohamad Ariffin Zulkifli

Ariffin has over 7 years working experience related to Internet of Things (IoT) system research and development, since 2015. He is focused on technology research and development, self development, continuous improvement and teaching.

His interest in electronics started at SM Teknik Pontian, enrolling in Pengajian Kejuruteraan Elektrik dan Elektronik (A1 in SPM). Interest in information technology (IT) began at Kolej Matrikulasi Johor, in the sub-subject of Computer Science, enforcing the skills Ariffin would later train on. He has been actively conducting IoT training since 2015 and has taught more than 2000 participants, from various technology fields and backgrounds, including government agencies and SMEs. He is also actively involved in IoT projects consultation, implementation and research & development. He has delivered over 25 IoT and Ai related projects and consultations. His aspiration is to help more Malaysians understand how technologies such as IoT can benefit their work, business and lifestyle.

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COURSE FEES: **RM2,900 per delegate**

Charles Mann is an approved training provider and registered with Pembangunan Sumber Manusia Berhad (PSMB). All our courses are claimable through the HRDF scheme. Please contact us for details.

DATE:	
COMPANY / ORGANISATION:	
FULL ADDRESS:	
AUTHORISED BY / JOB TITLE:	
CONTACT NUMBER:	
EMAIL ADDRESS:	
WEBSITE:	

SELECT DATE:

☐ 6th to 7th Jan 2025   ☐ 5th to 6th May 2025   ☐ 8th to 9th Sep 2025
☐ 3rd to 4th Feb 2025   ☐ 16th to 17th Jun 2025   ☐ 6th to 7th Oct 2025
☐ 3rd to 4th Mar 2025   ☐ 7th to 8th Jul 2025   ☐ 3rd to 4th Nov 2025
☐ 7th to 8th Apr 2025   ☐ 4th to 5th Aug 2025   ☐ 1st to 2th Dec 2025

	FULL NAME	JOB TITLE	EMAIL
ATTENDEE 1:			
ATTENDEE 2:			
ATTENDEE 3:			

If registering 3 or more attendees, please contact us for bulk discounts or to arrange in-house training. Course dates can be found on our website along with venues. Dates and/or venues can change due to unforeseen circumstances. For Early Bird rates, full payment must be made one week prior to course date.

Please print and email this form to: info@charlesmann.com.my or call us on 010 425 0886
Alternatively, please post to: 10 Jalan USJ 3/1e, UEP Subang Jaya, Selangor 47600
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