



ARTIFICIAL INTELLIGENCE: BEGINNERS



13-17 MAY 2026



ACCOMODATION PROVIDED



DE PALMA HOTEL SHAH ALAM

PROGRAMME FEE

RM4,200

OVERVIEW

The Artificial Intelligence: Beginners programme is a 5-day foundational course designed to introduce participants to the core concepts, principles, and practical applications of Artificial Intelligence (AI). This program provides a structured, hands-on learning experience that helps learners understand how AI systems work, how they are applied across industries, and how to use basic AI tools and platforms effectively. Through real-world case studies, guided exercises, and simplified technical demonstrations, participants will gain a clear understanding of how AI impacts businesses, technology, and society. The course emphasises practical understanding over coding complexity, ensuring accessibility for learners with little or no prior technical background.

KEY LEARNING OUTCOMES

- **Understand Core AI, ML & Deep Learning Concepts**
Explain the fundamentals of Artificial Intelligence, Machine Learning, and Deep Learning, and understand how they relate and differ from one another.
- **Apply the AI Lifecycle & Data Fundamentals**
Understand the end-to-end AI lifecycle, including data collection, preprocessing, training, evaluation, and deployment, with emphasis on data quality.
- **Use Fundamental Machine Learning Techniques**
Identify and apply basic machine learning methods such as classification, regression, and clustering, and interpret model performance using common metrics.
- **Gain Hands-On Experience with AI Tools & Neural Networks**
Explore neural network basics and use beginner-friendly AI tools and platforms to build simple models and generate data-driven insights.
- **Apply AI Responsibly in Real-World Contexts**
Understand real-world AI use cases, ethical considerations, and future career pathways, culminating in the development of a simple AI project or idea.



METHOD

Presentations, hands-on labs, real-world case studies, project-based learning, discussions and Q&A sessions



FOR WHOM

Data analysts, developers, engineers, digital transformation teams, and professionals with basic AI knowledge looking to apply AI in real-world projects



COURSE OUTLINES

DAY 1: FOUNDATIONS OF ARTIFICIAL INTELLIGENCE

Module 1: Introduction to Artificial Intelligence and Machine Learning

Module 2: Core Concepts and AI Terminology

Module 3: Real-World Applications of AI

DAY 2: DEEP LEARNING FUNDAMENTALS

Module 4: Introduction to Machine Learning

Module 5: Data Preparation and Cleaning

Module 6: Evaluating Machine Learning Models

DAY 3: NEURAL NETWORKS AND DEEP LEARNING BASICS

Module 7: Understanding Neural Networks

Module 8: Introduction to Deep Learning Models

Module 9: AI in Natural Language Processing (NLP)

DAY 4: GENERATIVE AI AND INDUSTRY APPLICATIONS

Module 10: Generative AI Overview

Module 11: AI Tools and Platforms

Module 12: AI in Business and Society

DAY 5: RESPONSIBLE AI AND FINAL PROJECT

Module 13: Ethics and Governance in AI

Module 14: The Future of AI

Module 15: Mini Project and Presentation

Who Can Apply?

To enroll in this programme, you must meet the following requirements:

Eligibility

- ✓ Malaysian Bumiputera.
- ✓ Diploma holder & above.
- ✓ Open to students, fresh graduates, working professionals, and career switchers.
- ✓ Alumni of Yayasan Peneraju are welcome to apply.

Prerequisites

- ✓ Recommended for participants with basic computer literacy
- ✓ Interest in AI, data, or
- ✓ Digital transformation.
- ✓ No programming experience required.

Check Your AI Level Proficiency

Scan the QR code to complete a short AI Level Check. This helps us understand your current proficiency and recommend the most suitable programme level.

After submission, our team will reach out to confirm details and guide you on the next steps and financing options.



TRAINER PROFILE

MUHAMMAD AQIL LUQMAN

Data Science & Industry 4.0 trainer specialising in programming, analytics, and problem-solving. Delivers hands-on sessions that help participants apply data-driven solutions with confidence.



KHAVINDIRREN NALARAJAH

Industry 4.0 trainer with 7+ years' experience in Big Data, Data Science, IoT, AI, and analytics. Experienced in practical delivery using Excel, Power BI, and Tableau.



MUHILAN NALARAJAH

Big Data & Industry 4.0 trainer with 8 years' experience in Python, Java, Hadoop/Spark, and SQL. Delivers tool-based analytics and visualisation training using Power BI, Tableau, and Excel.



ZAIFEEDA ZADA BINTI AMIR ZADAH

Industry 4.0 trainer with 6 years' experience in training operations and capability development. Focus areas include soft skills, strategic thinking, marketing management, and project management.

