

# Technical Track - **AI Foundation Engineer** (Associate Level)

**Technical Track Focuses On Practical Skills in Coding, Modelling, System Design & AI Deployment**

**4 days / Physical, Hybrid, Online**



**Build real technical capability and secure a professional credential with the AI Foundation Engineer program.**

This program is an entry-level, hands-on technical program designed to equip participants with essential knowledge and technical skills in Artificial Intelligence. The program equips participants with fundamental technical capabilities, data preparation, algorithmic reasoning, and applied AI workflows. The program is an essential pre-requisite for those seeking careers in AI engineering and automation development, emphasizing hands-on learning.



## Key Learning Outcomes

Upon completion of the course participants will be able to

- Gain deep insights into how Generative AI and emerging Agentic AI systems reshape business models, workflows, and organisational innovation.
- Learn to analyse organisational needs, map opportunities, and design AI-driven solutions that enhance productivity, customer experience, and strategic decision-making.
- Build the capability to create advanced AI-assisted processes, leveraging multi-agent systems, workflow automation tools, and AI ecosystems for operational optimisation.
- Understand the strengths, limitations, and strategic value of platforms such as OpenAI, Microsoft Copilot Studio, Google Gemini, LangChain, and other agent frameworks.



**Duration:**  
4 days



**Level:**  
Associate



**Delivery Mode:**  
Physical / Online / Hybrid - Instructor Led

## Who Should Join:

Students or graduates aspiring to begin a career in AI, data science, or digital technology  
Junior IT professionals  
Educators, trainers, or workforce development practitioners

## Course Modules Covered

**M1** Introduction to AI & Machine Learning

**M3** Data Preparation & Preprocessing

**M5** Developing Simple AI Applications

**M2** Python for AI Foundations

**M4** Introduction to Machine Learning Models

**M6** Capstone Mini Project

## Our Training Methodology

### Practical Assignments

We provide hands-on assignments that requires practical implementation.

### Virtual Coaching Sessions

Online coaching sessions that happen over the phone, via video.

### Access to LMS

Get access to learning resources

### Live Project Experience

Hands-on learning and training gives participants the opportunity to experience the real world.

### Online Assessments

Participants can assess reflect on their own learning and their level/skills.

### Industry Case

Stay current on market research trends, learn best practices through our industry case studies

## Key Takeaways



Professional Skills



Practical Assessment



Expert Delivery & Labs



Compliance and Standards



Understanding Principles



Projects & Capstones



## Get in Touch With Us Today!

This program is ideal for individuals who wish to begin their journey in the field of Artificial Intelligence and technical AI development.

## Transforming Lives | Enriching Communities | Empowering The Future



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