

# Training: Artificial Intelligence Fundamentals for Engineers and Technicians

## Foundations for Understanding Artificial Intelligence

- Introduction to Key AI Concepts: Algorithms, ML, DL, and LLMs
- Exploring the Algorithms Used in ML, DL, and LLMs
- The Importance of Machine Learning Before Moving on to Deep Learning and LLMs

## Module 1: Overview of the Main Deep Learning Models

- Introduction to the Key Concepts of Deep Learning and Neural Networks
- Overview of Deep Learning Applications and Limitations

## Module 2: Overview of the Main Large Language Models (LLMs)

- Understanding How LLMs Work and Their Applications
- Exploring the Limitations and Challenges of LLMs

## Module 3: Introduction to Machine Learning

- Fundamental Machine Learning Concepts
- Overview of Algorithms Used in Machine Learning
- Why Machine Learning Is a Key Step Before Deep Learning and LLMs

## Module 4: Machine Learning Models

- Supervised Learning: Theoretical Principles and Application Examples
- Unsupervised Learning: Methods and Use Cases

## Module 5: Using PyCaret for Machine Learning

Installing and Configuring PyCaret

Exploring the Models Available in PyCaret

Working with Datasets for Machine Learning

## Follow-Up Training for Developers

[OpenAI Training for Developers](#)