

Training: Fundamentals of Artificial Intelligence for Engineers and Technicians

Fundamentals for Understanding Artificial Intelligence

- Introduction to key AI concepts: algorithms, ML, DL, and LLM.
- Exploration of algorithms integrated into ML, DL, and LLM.
- The importance of mastering Machine Learning before tackling Deep Learning and LLMs.

Module 1: Overview of Main Deep Learning Models

- Introduction to core Deep Learning concepts and neural networks.
- Overview of Deep Learning applications and limitations.

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

- How LLMs work and understanding their applications.
- Exploration of the limits and challenges of LLMs.

Module 3: Introduction to Machine Learning

- Fundamental concepts of Machine Learning.
- Overview of commonly used ML algorithms.
- Why ML is a key step before DL and LLMs.

Module 4: Machine Learning Models

- Supervised learning: theoretical principles and practical examples.
- Unsupervised learning: methods and use cases.

Module 5: Using PyCaret for Machine Learning

- Installing and configuring PyCaret.
- Exploring the models available in PyCaret.
- Handling datasets for Machine Learning tasks.

Next Step After This Training

[OpenAI Training for Developers](#)