

AI Academy - Professional

Group Training

Training code	CGAAIPR-CE
Spoken Language	English
Language Materials	English
Dayparts	10
Price	€2.500,00 excl. VAT No extra costs.

What is AI Academy - Professional course

The Professional course is a technical course that describes concepts around Machine Learning, Deep Learning, NLP. During this course, we will focus on implementing these techniques with Python.

- You'll also learn to use these techniques to generate meaningful insights from data and make accurate predictions!
- You will learn how to work with huge datasets, how to build & interpret appropriate regression, classification and ensemble models for a given real-life business problem
- The course also explains the concepts around NLP and how insights can be generated from unstructured textual data.
- This whole Professional course will be given using sector-specific hands-on use cases.

Who should attend AI Academy - Professional course

Can you relate to the qualifications / interests below? Then this course is meant for you!

- Graduates from Engineering, Computers, Mathematics or Statistics background.
- Technical professionals planning to up-skill in AI
- Professionals having some programming experience

Prerequisites

A technical background and some programming experience

Objectives

After following this training, you'll be able to:

- Work with huge datasets, apply data wrangling, data cleaning, data-preprocessing and visualization techniques



- Build and interpret regression, classification, and ensemble models
- Analyze the performance metrics and improve the performance of the models
- Explain the functioning of deep-learning models
- Demonstrate ability to interpret the functioning of deep-learning frameworks like Convolutional Neural Networks
- Analyze and derive insights from textual data using NLP techniques
- Apply the learnt concepts to solve real world sector specific problems by building robust machine learning models

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Capgemini Academy's professionals offer what people in IT need. Our professionals have a keen eye for motivation, talent and are aware of specific contexts and circumstances. They move people to move. Programmes and courses that originate from daily experience of our both didactical and substantively strong trainers, light a fire within the individual IT professionals. Real life stories of our professionals' experience that tell how to solve problems and work with the people around it, do the rest.

An organization, like ours, helps people and their organizations day by day to get the best out of themselves and each other. We prepare them to defy tomorrow's challenges. We stimulate learning and curiosity. In order for individual IT professionals and their employers, to build better, longer and more intensive relationships. For mutual benefit.

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