# AI+ Developer (AIDEV)

## Pré-requis

- Basic Math: Familiarity with high school-level algebra and basic statistics is desirable.
- Computer Science Fundamentals: Understanding the basic programming concepts (variables, functions, and loops) and data structures (lists and dictionaries).
- Fundamental knowledge of programming skills.

## Objectifs

- **Python Programming Proficiency**
  - Students will gain a solid foundation in Python programming. Implementing AI algorithms, processing data, and constructing AI applications require this competence
- **Deep Learning Techniques**
  - Learners will master machine learning and deep learning techniques and methods to classification, regression, image recognition, and natural language processing challenges.
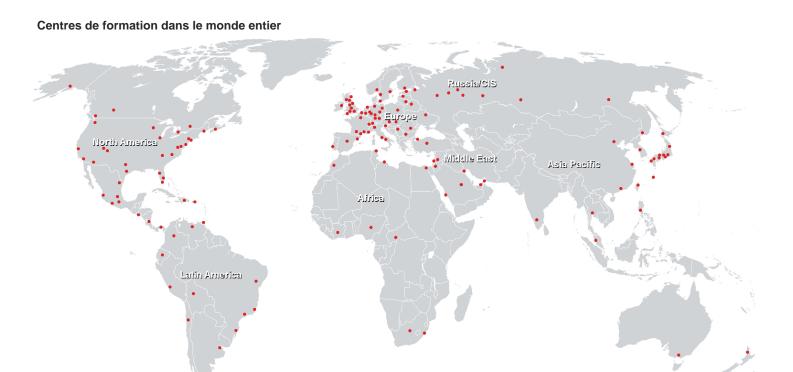- **Cloud Computing in AI Development**
  - Students will get hands-on experience in cloud-based AI application development and learn how to use AWS, Azure, and Google Cloud for scalable AI systems.
- **Project Management in AI**
  - Participations will master the skills necessary to manage AI projects effectively, from initiation to completion, including planning, resource allocation, risk management, and stakeholder communication.

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