TARGET AUDIENCE

University lecturers and educators in:

- Medicine
- Nursing
- Pharmacy
- Physiotherapy
- Psychology
- Biomedicine and related healthsciences

No prior knowledge of programming or Artificial Intelligence is required.

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ARTIFICIAL INTELLIGENCE FOR HEALTH SCIENCES EDUCATORS

Course duration; 20 hours

COURSE OBJECTIVES

- By the end of the course, participants will be able to:
- Understand the fundamental principles of Artificial Intelligence in healthcare
- Identify real-world AI applications in teaching, research and clinical practice
- Use generative AI tools ethically and responsibly
- Integrate AI as a support tool in health sciences education
- Analyze risks, biases and limitations of AI in clinical contexts

COURSE CURRICULUM

DAY 1 — Foundations of AI in Health Sciences

DAY 2 — MachineLearning Applied to Healthcare

DAY 3 — Deep Learning and Medical Image Analysis

DAY 4 — Generative AI and NLP in Healthcare

DAY 5 — Ethics, Regulation and TeachingPractice

CAREER OPPORTUNITIES / PROFESSIONAL APPLICATIONS

- Innovation in university teaching
- Support for biomedical and clinical research
- Design of AI-assisted educational materials
- Collaboration in digital health projects
- Advisory roles in the responsible adoption of AI in healthcare environments