FITPED | AI

Future IT Professionals EDucation in Artificial Intelligence

2021-2024

Total number of involved students
2200+

Total number of artificial intelligence courses
11

Total number of micro-learning units
1500+

Total number of artificial intelligence projects
100+

Total number of multiplier events participants
80+

Project partners
6

Artificial intelligence demystification

On the one hand, artificial intelligence is expected to solve all the world's problems. But on the other hand, many tabloid authors present it as the greatest danger for future generations. The project activities answer questions about what AI really is, its potential, and its risks for society.

Collaboration, competition, and gamification

The training of AI professionals is implemented through a learning strategy integrating the parts of active, collaborative and problem-based learning, using gamification and competition, which can make learning more interesting, more fun, more friendly, and more practical.

Knowledge and skills development to create solutions based on artificial intelligence mastery of AI technologies

The training courses created within the project provide all the knowledge needed to understand the principles and design their solutions based on AI. They also present specific solutions in knowledge discovery, cyber security, recommender systems, natural language processing and learning analytics.

Educational content sharing

The created content is shared with university partners, which provide it to their students and use it for preparation in all areas of AI covered by the project courses. At the same time, universities actively communicate the content to their partner institutions and, finally, to the general public.

Future leaders and researchers training

Understanding the principles and solutions implemented across AI areas conveys knowledge and supports the building of highly specialized skills needed to lead one's own projects and further scientific research in the field of artificial intelligence domains.

International feedback & Experience exchange

Interuniversity cooperation enables the coverage of several areas of AI, brings the partners' specializations to the consortium and enables the acquisition of international feedback from the involved experts, thus increasing the employment potential of its graduates and equipping them with a high level of skills across AI areas.

High-quality educational resources in a user-friendly online virtual environment

The project creates high-quality educational resources in a user-friendly online virtual environment that respects the privacy and ethical standards. Students can use personalized content covering comprehensively selected areas of AI, discuss, collaborate, or compete.

Educational courses

AI support in programming languages

AI introduction

Ethical and social aspects of AI

Natural Language Processing

Learning Analytics

Recommender systems

Data Pre-processing Techniques

Knowledge Discovery

Deep Learning

Machine Learning

AI in cyber security

Partners

Constantine the Philosopher University in Nitra, Slovakia

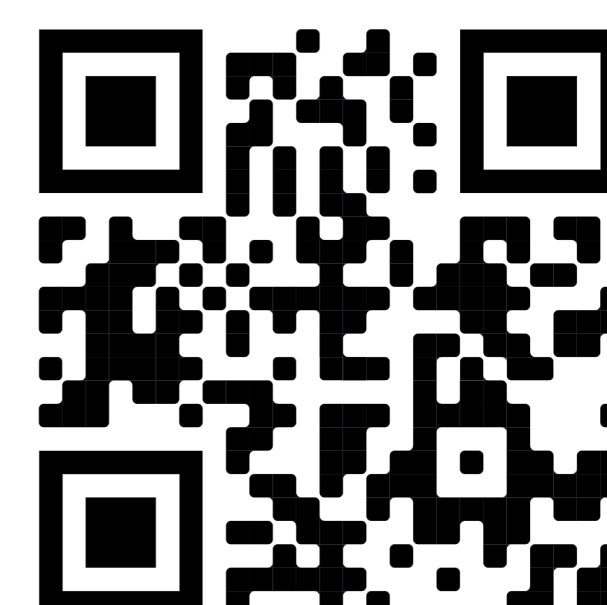**University of Silesia in Katowice**, Poland

Vilnius University, Lithuania

Mendel University in Brno, Czech Republic

Helix5, Netherland (SME)

Teacher.sk, Slovakia (SME)

Available on Micro-learning Platform
PRISCILLA