

Future IT Professional Education in Generative Artificial Intelligence

2024 - 2027



Total number of involved participants

1200+

Total number of AI courses and methodologies

9

Total number of educational units

1000+

Total number of AI projects

50+

Number of participants in programming competitions

150+

Project partners

7

Demystifying AI for Non-IT Students

The courses present the core concepts of AI in clear, easy-to-understand language, complete with examples to make them accessible to non-technical students. They cover practical applications, ethical considerations, and real-world examples to help students understand the impact of AI in various fields.

Using generative AI in programming

Generative AI is an important tool in modern programming, enabling developers to write efficient and secure code faster and solve unknown problems. The courses cover common best practices that help programmers debug, update old code, and better understand existing code.

Understanding the technologies behind generative AI

The highly specialized skills course offers an in-depth review of GAI architectures, models, and applications. It covers the workings of generative models, their limitations, and ethical issues, while incorporating advanced tools such as neural networks and deep learning.

International feedback & experience exchange

The project promotes collaboration and knowledge sharing in AI education across different university areas. By involving experts from different disciplines, it demystifies AI and improves its practical use for non-IT professionals through continuous exchange of experiences and strategy refinement.

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

The project creates engaging, accessible, and well-structured online courses for AI and GAI learning. The platform ensures a seamless user experience with interactive content, real-world case studies, and AI-powered learning tools to support diverse learners.

Building AI skills for university teachers and researchers

The course for university teachers is focused on finding out when AI is truly beneficial in solving problems. Since many participants in this group have limited or no knowledge of AI, they often try to use it without thinking deeply, even in inappropriate situations.

Using generative AI in teaching and learning programming

Preparing programming assignments and teaching methodologies is time-consuming. Generative AI assists teachers by creating assignments, developing teaching strategies, providing personalized feedback, and enabling adaptive learning environments to enhance student engagement.

Sharing educational content

The created content is shared with university partners, who distribute it to students and colleagues across AI and GAI topics. Based on feedback and learning outcomes, it is revised twice before being released as open-access material for effective teaching and learning.

Educational courses

AI basics for non-it students

Generative AI for students

Generative AI for teachers

AI basics for university teachers and scientists

Introductory programming course using GAI for students

Advanced programming course using GAI for students

GAI for programming teachers

GAI technologies for IT students

Priscilla user (teacher) guides



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Partners

Constantine the Philosopher University in Nitra, Slovakia

Czech Technical University in Prague, Czech Republic

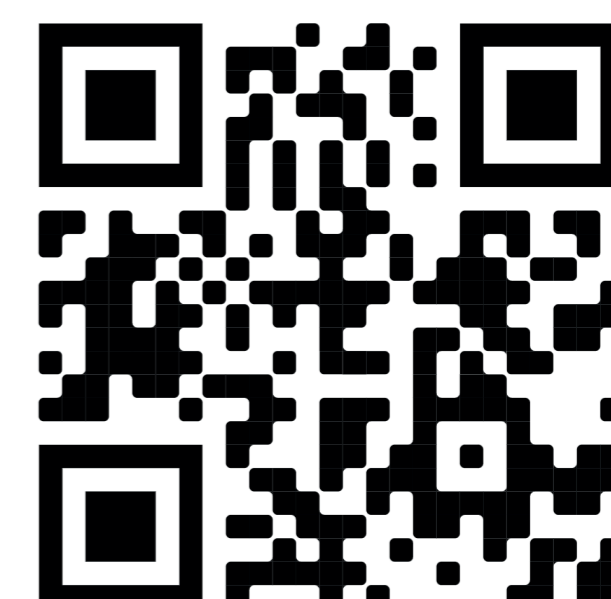
Eotvos Lorand University in Budapest, Hungary

Balkan Distance Education Network BADEN, Serbia

University of Silesia in Katowice, Poland

Helix5, Netherland (SME)

Teacher.sk, Slovakia (SME)



Available on Micro-learning Platform

PRISCILLA