

**Introduction to Artificial Intelligence and Machine Learning**  
(online short course - 10 hrs)

Lecturer: László Molnár

E-mail: [molnar.laszlo@edutus.hu](mailto:molnar.laszlo@edutus.hu)

Topics:

1. Key concepts in artificial intelligence (AI) and machine learning (ML).
2. Main application domains of AI.
3. The supervised, the unsupervised and the reinforcing machine learning.
4. Data acquisition and data cleaning. Classification, regression and neural networks.
5. Why Python? Why R programming language?
6. Which algorithm is best suited for type of problem?
7. Case studies through programming examples.