## Toolkit

**The LeaderAI Toolkit will be composed of the following sections:**

**Part I – Theoretical background**
(key terms, ethical issues involved, national case studies outlining how HEIs have integrated data driven & AI-based approaches for personalised learning)

**Part II - Step-by-step learning design framework**
(how to design personalised courses with data-driven and AI-based tools)

**Part III - Checklist with key criteria on how to select data-driven and AI-based tools**

## Partners

UNIVERSITY of NICOSIA

UNIVERSITY OF THE AEGEAN

TALLINN UNIVERSITY

CARDET

UNIVERSITATEA DIN PITESTI

virtualcampus

## AI LEADER

# LEAarning analytics and AI for personaliseD lEaRning
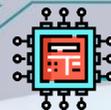
## (LeaderAI)

## Objectives

**The specific objectives are to:**

**1.** Raise awareness about the role of Learning Analytics (LA) and AI for personalisation of learning in HE, considering ethical Issues;

**2.** Develop hands-on resources for the adoption of AI-based and data visualisation tools for personalised learning in HE;

**3.** Build the digital and pedagogic competences of HE faculty and staff (e.g., leadership teams, instructors, researchers, learning designers) in customising their teaching using AI-based and data visualisation tools;

**4.** Improve the supply of high-quality digital learning opportunities in

## Project aim

**LeaderAI** aims to address the need for effective Higher Education (HE) digital learning that responds to students' needs, strengths, and skills, through the proper exploitation of advanced technologies.

The project consortium will provide practical guidelines to be adapted by HE instructors, academics, and educational technology practitioners for their teaching and learning activities.

The consortium will work within the goals of the Commission's European Education Area, to improve the digital capacity of Europes' education system by exploiting the opportunities given by new technologies such as AI (EC, COM, 2020).

## Outcomes

**LeaderAI Toolkit** to support HE staff designing personalized courses through AI-based tools and data-driven technologies

**Scenario-based training and piloting** (a training program providing hands-on opportunities for HE teaching staff on how to personalise their instruction through open source/freeware AI-based and data visualisation tools

**Dissemination workshops**

**Interactive eLearning platform and digital resources**