



Guidelines for facilitating the learning of Artificial Intelligence (AI) by School Students of Grades 7-12

Reference Number: 2021-1-CY01-KA220-SCH-000032567

C1 Training course: Training on Artificial Intelligence (AI) content for adapting to school curricula

Result 1 - A1/T1

Module Number and Area/Topic: Module 5 - Digital Skills & Data Literacy

Module owners: GR-Doukas P7, CY CyMS P1

Introduction and Broad Description of the Context and Goal of the area/topic addressed:

This module will develop digital skills and literacy on how we can search, select, identify, evaluate, organise, modify existing digital data and resources or create new in an already existing AI environment. The module is divided to the following four parts:

- PART 1: Exploratory navigation and process of digital content & datasets for AI environments
- PART 2: Processing and co-creation of digital content from trained machine or for training the machine
- PART 3: Identifying needs, adapt methodologies and explore AI best practices
- PART 4: Analysing, designing, implementing, and evaluating AI activities and projects

Learning objectives and learning outcomes (from the short description: Competences List of the Training Modules)

- to identify, evaluate, select and structure digital resources for teaching and learning
- to analyse, modify and sharing existing resources and process it in different formats
- to process digital material for retrieving information from trained machine or for training the machine
- to create or co-create new digital educational resources for training the machine
- to identify technological needs and adapt strategies, educational methodologies, and responses
- to turn ideas into action, designing, planning, implementing and evaluating activities and projects
- to select and use digital devices and networks, tools and applications, for any educational
- to enhance digital relevant activities and practices
- to ensure continuous professional development

Competences (from the AI Competence Framework)

- critical navigation
- processing data and digital content
- developing digital content
- interacting through digital technologies
- implementing learning plans
- ensure continuous professional development

Instruments/Tools/Supporting Material/Resources to be used:

- [DigCompEdu](#)
- [Data Literacy Education Framework](#)
- [Designing Digital Literacy Activities](#)
- [Online Testing Tool](#)