



SkillLab



S V E B ■
F S E A ■

Self-Paced Training Path for Adult Educators



Artificial Intelligence 4 Adult Learning



What Does Self-Paced Training Path Offer?

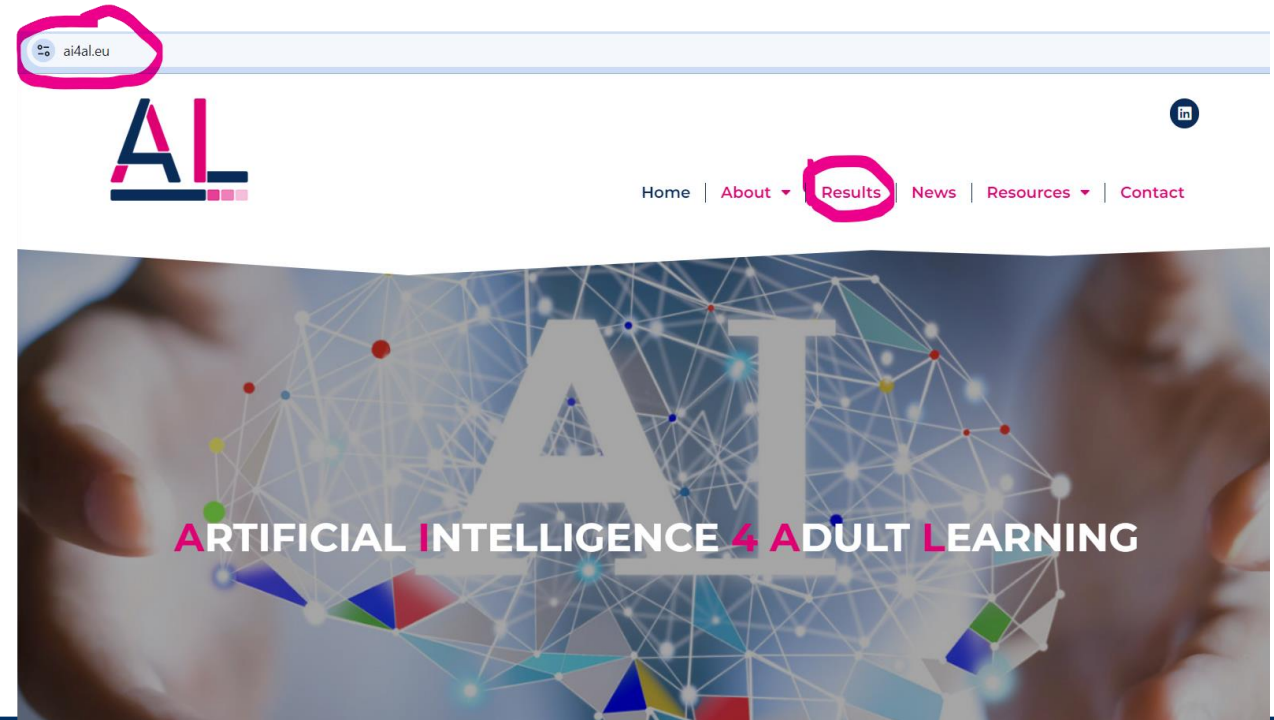
1. **Self-Paced Training Modules**
2. **Tools for Personalized Learning**
3. **Ethical Guidelines for AI Use in Education**
4. **Community Support and Resources**



Step-by-Step Guide: Accessing the Self-Paced Training Path

Step 1

- URL: ai4al.eu
- You can access the platform by typing the URL into your web browser, as shown in the screenshot.
- Once on the homepage, navigate to the “Results” section



Step-by-Step Guide: Accessing the Self-Paced Training Path

Step 2:

- There you'll find links to the Self-Paced Training Path. Click "Visit the Self-Paced Training Path Full Page".

SELF-PACED TRAINING PATH DEVELOPMENT (WP4)

[Visit the Self-Paced Training Path Full Page](#)

A training toolkit will be designed to train self-learning educators on the use of AI4AL and the application of AI technologies to the ALE sector. The toolkit includes the needs analysis, the definition of training objectives, the pedagogical framework, the curriculum, the teaching materials, and a delivery platform.



Step-by-Step Guide: Accessing the Self-Paced Training Path

Step 3:

- **Scroll down on the page and click “Visit our Training Platform”. This will take you to the main training platform where you can create your account or log in if you already have an account.**



The Toolkit

The AI4AL training toolkit is the place where all the tools we have developed during the implementation phase of the “Self-Paced Training Path Development And Piloting” work-package of the AI4AL project. The goal of these tools is to train self-learning educators on the use of AI4AL and the application of AI technologies to the ALE sector. This document includes a needs analysis, the definition of training objectives and the extensive curriculum of the self-paced training path.

[Visit our toolkit](#)



The Methodology for Content Development

Is a complementary document that the partnership designed in order to encourage the educators to even design their own self-paced training courses concerning similar areas of pedagogical interest, included the pedagogical framework used for the design of the contents as well as the technical and quality requirements for the design of the teaching materials.

[Available Soon](#)



The AI4AL Training Platform

The course requires the student's commitment for 30 hours in online self-paced learning. The contents will be organised modularly and linked by a narrative that leads to the discovery of training pills through “missions”. The delivery platform created will be including the teaching materials, the pool of tools and resources collected to complement the contents of the modules and for a discussion.

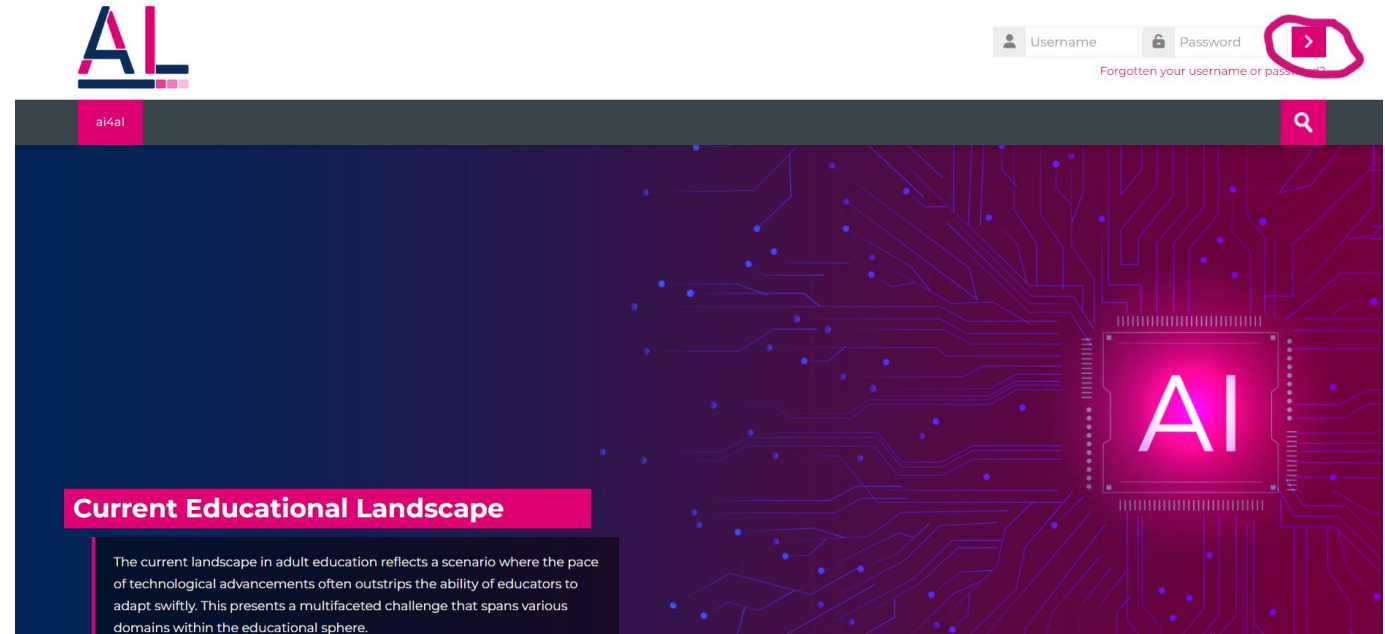
[Visit our Training Platform](#)



Step-by-Step Guide: Accessing the Self-Paced Training Path

Step 4:

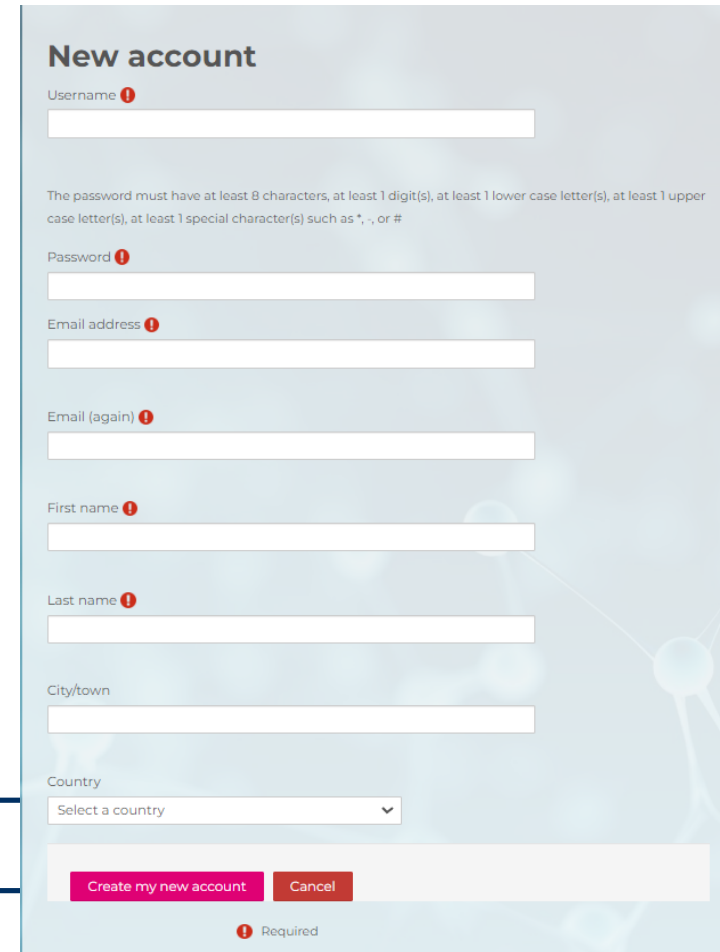
- Click the arrow which is on the top right and will take you to the login page



Step-by-Step Guide: Accessing the Self-Paced Training Path

Step 5:

- Fill out the registration form with the required information such as username, password, email, first and last name, and city. Ensure that your password meets the platform's security criteria.
- After completing the form, click “Create My New Account”.



New account

Username [!]

The password must have at least 8 characters, at least 1 digit(s), at least 1 lower case letter(s), at least 1 upper case letter(s), at least 1 special character(s) such as *, -, or #

Password [!]

Email address [!]

Email (again) [!]

First name [!]

Last name [!]

City/town

Country

Select a country ^v

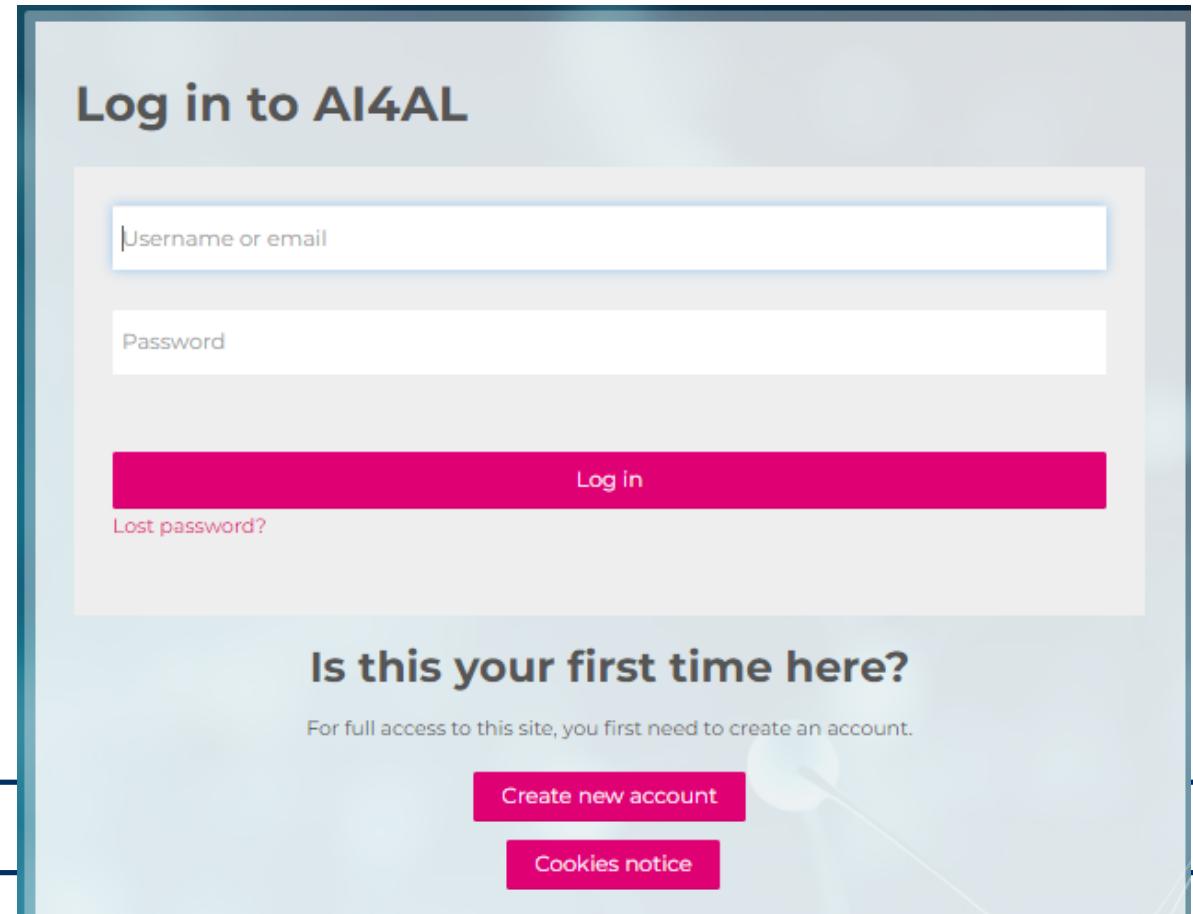
[Create my new account](#) [Cancel](#)

[!] Required

Step-by-Step Guide: Accessing the Self-Paced Training Path

Step 5:

- After creating your account, return to the login page and use your new credentials (username and password) to log in.
- Once logged in, you will be redirected to the AI4AL Training Dashboard, where you can access the six training modules



Log in to AI4AL

Username or email

Password

Log in

Lost password?

Is this your first time here?

For full access to this site, you first need to create an account.

Create new account

Cookies notice

Self-Paced Training Path

<https://www.ai4al.eu/moodle/>



AI4AL's Structure and Content

AI4AL Training Modules:

- **Module 1: Understanding AI Fundamentals**
- **Module 2: Ethical and Responsible AI Use**
- **Module 3: Starting with AI: Basics and Implementation**
- **Module 4: AI4AL Matching Tool - Project Showcase**
- **Module 5: Digital Competences for Educators and Citizens**
- **Module 6: The AI4AL Scenario Repository**



Module 1: Understanding AI Fundamentals

Introduction:

This module introduces the basics of AI, tracing its history and key terminologies. It's designed to provide a solid foundation for those new to AI, particularly in the context of adult education.

Key Objectives:

- Define AI and explain its evolution from early concepts to modern applications.
- Explore essential AI terminologies, such as algorithms, data, and machine learning.
- Investigate the societal impact of AI, with a focus on its transformative applications in adult education through tools like adaptive learning and learning analytics.
- Understand how AI improves personalization, engagement, and decision-making in education.



Module 1: Understanding AI Fundamentals

Learning Outcomes:

By the end of this module, learners will be able to define AI, explain its historical development, understand the role of data in AI, and recognize its implications in various sectors, especially education.

Chapters:

1. Introduction to AI: Definition, history, and key milestones.
2. AI Tools Landscape: Overview of tools and their societal impact.
3. AI Benefits in Adult Education: Personalized learning, enhanced engagement, and data-driven approaches.



Module 2: Ethical and Responsible AI Use

Introduction:

Focuses on promoting the responsible use of AI, addressing biases, fairness, and transparency in AI systems.

Key Objectives:

- Understand the ethical challenges and risks associated with AI.
- Promote responsible AI usage and strengthen transparency.
- Combat discrimination and bias in AI systems.
- Encourage social discourse on AI's role in society.



Module 2: Ethical and Responsible AI Use

Learning Outcomes:

Learners will be equipped to identify ethical challenges in AI, promote digital literacy, develop ethical judgment, and ensure fairness and accountability in AI use.

Chapters:

1. Addressing Bias in AI: Understanding explicit and implicit biases in AI systems.
2. Fairness in AI: Ensuring fair outcomes through transparent algorithms.
3. Guidelines for Ethical AI Use: Practical strategies for ethical AI implementation in adult education.
4. Minimizing Bias: Tools and approaches to reduce biases in AI systems.



Module 3: Starting with AI: Basics and Implementation

Introduction:

This module provides a comprehensive understanding of AI fundamentals, along with practical steps for implementing AI tools in educational environments.

Key Objectives:

- Explore AI applications in adult education, focusing on personalization, content delivery, and support for educators.
- Learn how to implement AI tools step-by-step, from initiation to execution.
- Analyze real-world case studies to extract lessons applicable in various educational contexts.



Module 3: Starting with AI: Basics and Implementation

Learning Outcomes:

Learners will understand the various applications of AI in education, acquire practical skills for implementing AI, and gain insights into integrating AI in curriculum design.

Chapters:

1. Applications of AI Tools: Use of AI in personalized learning, administrative efficiency, and decision-making.
2. Step-by-Step Guide: Detailed process of implementing AI tools.
3. Real-world Examples: Case studies of successful AI integration. AI in Curriculum
4. Design: How to strategically incorporate AI into educational planning.



Module 4: AI4AL Matching Tool

Introduction:

Provides hands-on experience with the AI4AL matching tool, designed to help adult learners and educators by matching skills with career opportunities.

Key Objectives:

- Understand the functionality of the matching tool and its components.
- Gain practical experience in using the tool's features for both learners and educators.
- Explore scenarios and use cases for effective implementation in adult education.



Module 4: AI4AL Matching Tool

Learning Outcomes:

By the end of this module, learners will be able to use the AI4AL matching tool, understand its input/output processes, and creatively apply it in educational settings.

Chapters:

1. Overview of the Matching Tool: Key features and functionalities.
2. Recommender System: How the matching algorithm works and generates output.
3. Hands-on Practice: Step-by-step guide for using the tool.



Module 5: Digital Competences for Educators and Citizens

Introduction:

This module introduces key digital competences for both educators and citizens, aligned with EU frameworks.

Key Objectives:

- Provide an overview of the DigComp and DigCompEdu frameworks for digital competence.
- Introduce tools for self-assessment of digital skills and highlight areas for improvement.
- Emphasize the importance of lifelong learning in the digital age.



Module 5: Digital Competences for Educators and Citizens

Learning Outcomes:

Learners will be familiar with the DigComp and DigCompEdu frameworks, be able to assess their digital competence, and understand the importance of continuous learning.

Chapters:

1. Digital Competence for Citizens: Overview of the DigComp framework.
2. Digital Competence for Educators: Overview of DigCompEdu for educators.
3. Self-assessment of Digital Skills: Tools for evaluating personal digital skills.
4. Lifelong Learning: Resources and strategies to stay updated on digital skills.



Module 6: Scenario Repository

Introduction:

Focuses on the use of the Scenario Repository, a participatory tool that allows adult educators to share field experiences related to AI usage in education.

Key Objectives:

- Understand the value of a participatory, scenario-based knowledge-sharing process.
- Learn how to explore the repository and find practical solutions.
- Contribute to the repository by sharing personal experiences and scenarios.



Module 6: Scenario Repository

Learning Outcomes:

By the end of this module, learners will understand how to use and contribute to the Scenario Repository, creating a collaborative platform for sharing AI knowledge.

Chapters:

1. Scenario Repository as a Participatory Process: Overview of the collaborative nature of the tool.
2. Exploring the Repository: How to search and find relevant scenarios.
3. Publishing Scenarios: Guidelines for creating and contributing new content.

