

WP3

***Algorithmic Bias* toolkit for synchronous sessions**

10 single choice questions with 3 options per CU

INSTRUCTIONS FOR UPLOAD QUESTIONS TO A SOFTWARE THAT GENERATES ONLINE TESTS

1. Find a software to generate a single choice quiz.
2. In the form field to enter the question, copy/paste each question.
3. In the form field to enter each option, copy/paste each option.
4. Don't forget to define the solution (correct answer) for each question.
5. For each question add an instruction:
 - a. Suggestion: "Read the question and select the correct answer".
 - Check how the navigation between questions on your software is like, and you can add in the instruction something like "...and click on the SUBMIT button." or "...and click on the NEXT button".
6. Set the minimum success score for this test (we recommend 60% - the user must get at least 6 questions right out of 10).
7. If available in the software, define a limited time to complete the test (we recommend 12 minutes).

Check what other specifications are available in your software. You may be able to define things like the number of attempts the user has to do the test, among other options.

Competence Unit 1 | AI ethics

QUESTIONS

Question n°		Question & Options Text	Correct answer
1	Question	What does the widespread development of ethical principles in AI signify?	
	Option 1	A lack of interest in ethical considerations.	
	Option 2	A growing consensus on the need for ethical guidance in AI development.	x
	Option 3	A uniform agreement on all ethical principles across all sectors.	
2	Question	What do major industry players like Google and IBM contribute to the field of AI ethics?	
	Option 1	Financial support only.	
	Option 2	They have developed their own ethical guidelines.	x
	Option 3	They provide AI technology for free.	
3	Question	What is the primary focus of the principle of beneficence in artificial intelligence?	
	Option 1	To ensure AI systems prioritize profit over general well-being.	
	Option 2	To ensure AI systems benefit individuals, society and environment.	x
	Option 3	Technological advancement of AI without considering its impact.	
4	Question	How can the alignment of AI with human values positively influence artificial intelligence?	
	Option 1	Ensuring AI reflects human values, enhancing societal impact	x
	Option 2	By making AI systems faster and more efficient.	
	Option 3	By increasing the financial profitability of AI applications.	
5	Question	What is the main goal of the ethical principle of non-maleficence in AI?	
	Option 1	To ensure AI systems always operate at maximum efficiency.	
	Option 2	To guarantee AI systems generate maximum profit.	
	Option 3	To prevent AI systems from causing harm.	x
6	Question	Which approach is recommended for ensuring the ethical impacts of AI projects are considered from different viewpoints?	
	Option 1	Consulting only academic researchers.	
	Option 2	Involving multiple stakeholders.	x
	Option 3	Relying solely on the development team's judgment.	
7	Question	How is the design process of an AI system typically defined?	
	Option 1	A continuous iterative process	x
	Option 2	A single-phase, one-time setup process	
	Option 3	A strictly linear process without feedback loops	
8	Question	Who are the primary users of the AI solution that should be involved in the problem definition phase?	
	Option 1	AI developers.	
	Option 2	Ethicists/social scientists.	
	Option 3	End-users.	x
9	Question	What is the primary purpose of the AI Act within the EU?	
	Option 1	To strictly limit the development of AI technologies.	
	Option 2	To improve the internal market and promote trustworthy, human-centric AI.	x
	Option 3	To ban all AI systems deemed to pose any risk.	
10	Question	What is a key activity in the design stage of an AI system development project?	

	Option 1	Creating a specification defining the AI system's functions and criteria	x
	Option 2	Determining the company's annual budget and strategy.	
	Option 3	Selecting new employees for the company's AI department.	