

WP3

Algorithmic Bias toolkit for synchronous sessions

MCQ quizzes

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 2 | AI privacy and convenience

QUESTIONS

Question n°		Question & Options Text	Correct answer
1	Question	What principle ensures AI systems only process data for its intended use without repurposing?	
	Option 1	Transparency.	
	Option 2	Data Minimization.	
	Option 3	Purpose Specification.	X
2	Question	Which approach helps ensure AI systems respect user privacy from the outset?	
	Option 1	Reactive measures.	
	Option 2	Privacy by Design.	X
	Option 3	Post-hoc analysis.	
3	Question	What does 'End-to-End Security' in AI systems imply?	
	Option 1	Security measures are applied at the final stage of data processing.	
	Option 2	Security is considered only at the endpoints of data transmission.	
	Option 3	Security measures cover all aspects, from data collection to processing and storage.	X
4	Question	What does the principle of 'Least Privilege' ensure in AI systems?	
	Option 1	All users have access to all data.	
	Option 2	Users have access only to data necessary for their duties.	X
	Option 3	Data is available publicly for transparency.	
5	Question	Which legislation focuses on protecting personal data within AI systems in Europe?	
	Option 1	HIPAA.	
	Option 2	COPPA.	
	Option 3	GDPR.	X
6	Question	What does the concept of "Privacy by Design" entail in the context of AI systems?	
	Option 1	Designing AI systems to operate with minimal human oversight.	
	Option 2	Incorporating privacy considerations throughout the AI system's development life cycle.	X
	Option 3	Focusing solely on the design of user interfaces to enhance privacy.	
7	Question	Which approach in AI systems could potentially reduce the risk of data breaches?	
	Option 1	Increasing the number of data access points.	
	Option 2	Implementing robust encryption and access controls.	X
	Option 3	Reducing the frequency of security audits.	
8	Question	What is the role of anonymization in AI-driven data processing?	
	Option 1	To ensure data can be easily linked back to individual users.	
	Option 2	To remove personally identifiable information from data sets.	X
	Option 3	To increase the complexity of data processing.	
9	Question	How can AI systems maintain user trust while handling personal data?	
	Option 1	By collecting as much data as possible to improve accuracy.	
	Option 2	By being transparent about data usage and obtaining informed consent.	X
	Option 3	By prioritizing data collection over user consent.	

10	Question	Which factor is critical when designing AI systems to ensure they adhere to ethical standards while processing personal data?	
	Option 1	Speed of data processing.	
	Option 2	Accuracy of the AI model.	
	Option 3	Transparency of the data usage policies.	X