



#### Metadata

- Id: EU.AI4T.O1.M4.1.5a
- Title: 4.1.5 Activity: AI-based decision making
- Type: activity
- Description: What is trustworthy AI? 7 requirements to meet for AI systems
- Subject: Artificial Intelligence for and by Teachers
- Authors:
  - AI4T
- Licence: CC BY 4.0
- Date: 2022-11-15

## ACTIVITY: THE 7 KEY REQUIREMENTS FOR TRUSTWORTHY AI

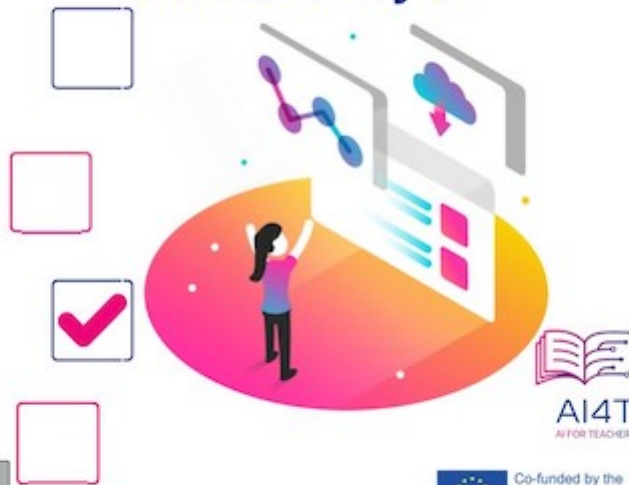
There are 7 requirements that an AI system must follow to be considered trustworthy. Let us match these requirements with their definitions.

### "Access to the activity"

*Click on the image below*



## QUIZ : The 7 key requirements for trustworthy AI





## Associate each requirement to its definition

- **Resilience and security** : AI systems need to be resilient and secure. They need to be safe, ensuring a fall back plan in case something goes wrong, as well as being accurate, reliable and reproducible. That is the only way to ensure that also unintentional harm can be minimized and prevented.
- **Data governance** : besides ensuring full respect for privacy and data protection, adequate data governance mechanisms must also be ensured, taking into account the quality and integrity of the data, and ensuring legitimised access to data.
- **Transparency** : the data, system and AI business models should be transparent. Traceability mechanisms can help achieving this. Moreover, AI systems and their decisions should be explained in a manner adapted to the stakeholder concerned. Humans need to be aware that they are interacting with an AI system, and must be informed of the system's capabilities and limitations.
- **Fairness** : unfair bias must be avoided, as it