

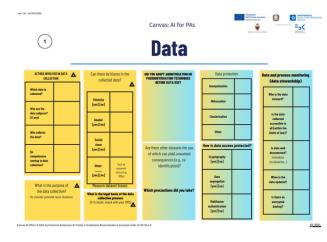
ONDAZIONE RUNO KESSLEF

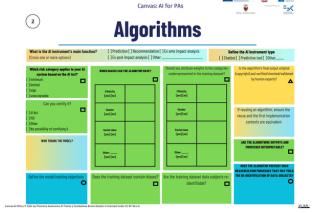
Do you need AI to achieve the objective?

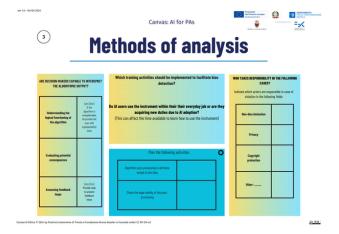
Canvas: Al for PAs

A tool to aid ethical AI adoption in support ot public administrations

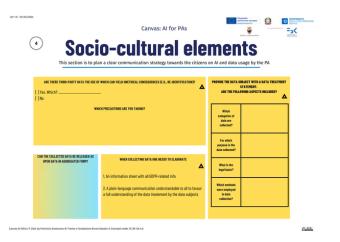
-D 333

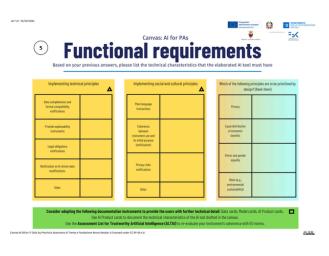






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Legend Al scientist Al engineer Al user



How to fill in the canvas

Compile the canvas for each AI instrument at the start of its development phase

Legend

- Al scientist: researches and develops Al systems (can be a third party)
- Al engineer: trains, deploys and maintains Al systems
- Al user: uses Al systems in their everyday job (e.g., a functionary).

How to read the canvas

- 1. Questions are in boxes of different colours. These match the colours in the legend to indicate which profile should address which questions.
- 2. Each colour is accompanied by a geometric shape. If the canvas user is colour-blind, they can refer to shapes rather than colours.
- 3. Mixed-colour boxes (with no geometric shape) indicate questions that should be addressed by all three profiles together.

Usage note

Appoint a moderator when you start your working on the canvas. When you cannot answer a question, do bring another professional profile into the discussion.

CANVAS SECTIONS

Data

To optimise data, reduce their bias, and protect privacy.

Algorithms

To define rules to optimise decision automation while reducing biases.

Methods of analysis

To critically interpret algorithmic outcomes and decide whether and how to apply them

Socio-cultural elements

To ensure that data treatment objectives and scope have been communicated correctly to the target audience.

Functional requirements

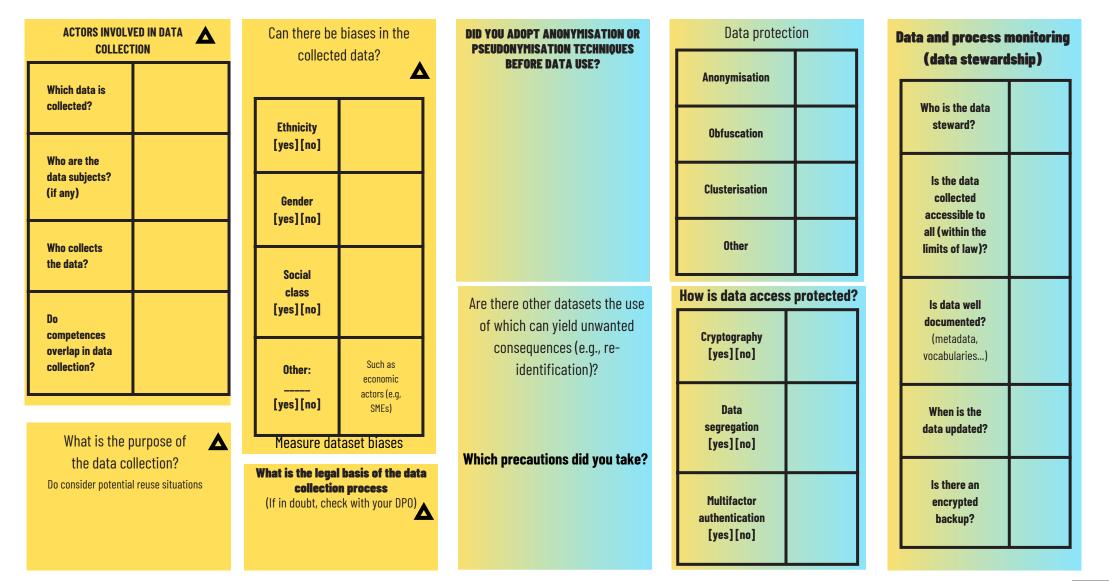
To define the AI system's characteristics.











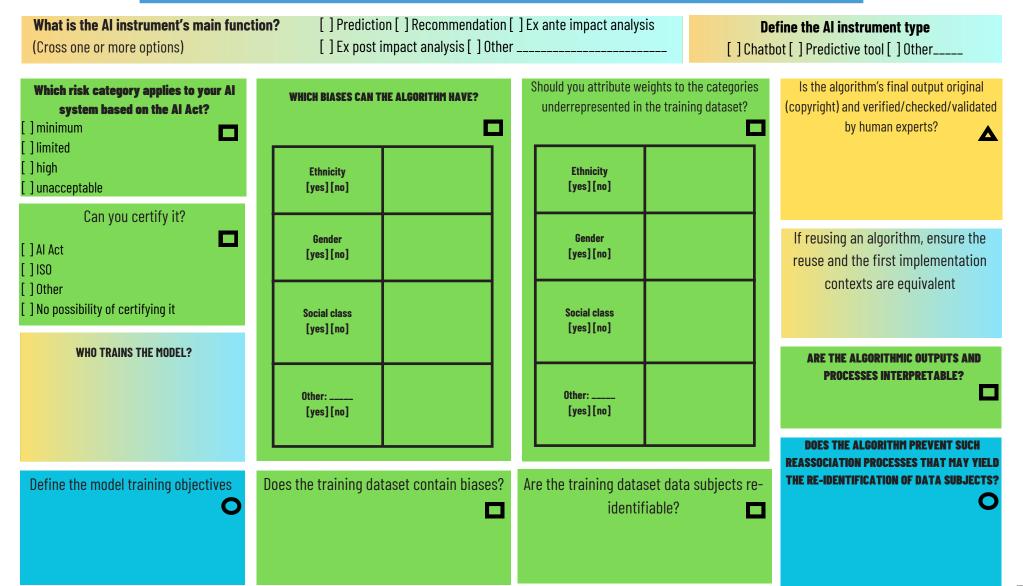
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Algorithms



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Methods of analysis

ARE DECISION-MAKERS CAPABLE TO INTEREPRET The Algorithmic output?		W	/hich training activities should be implemented to facilitate bias detection?		WHO TAKES RESPONSIBILITY IN THE FOLLOWING CASES?	
	[yes][no]				Indicate which actors are responsible in case of violation in the following fields	
Understanding the logical functioning of the algorithm	If the algorithm is unexplainable, do provide the user with		users use the instrument within their their everyday job or are they acquiring new duties due to Al adoption? This can affect the time available to learn how to use the instrument)		Non-discrimination	
	expalainability tools				Privacy	
Evaluating potential consequences		Plan the following activities O			Copyright protection	
			Algorithm post-processing to attribute weight to the data			
Assessing feedback loops	[yes][no] Provide tools to prevent feedback loops		Check the legal validity of the post- processing		Other:	

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Socio-cultural elements

This section is to plan a clear communication strategy towards the citizens on AI and data usage by the PA

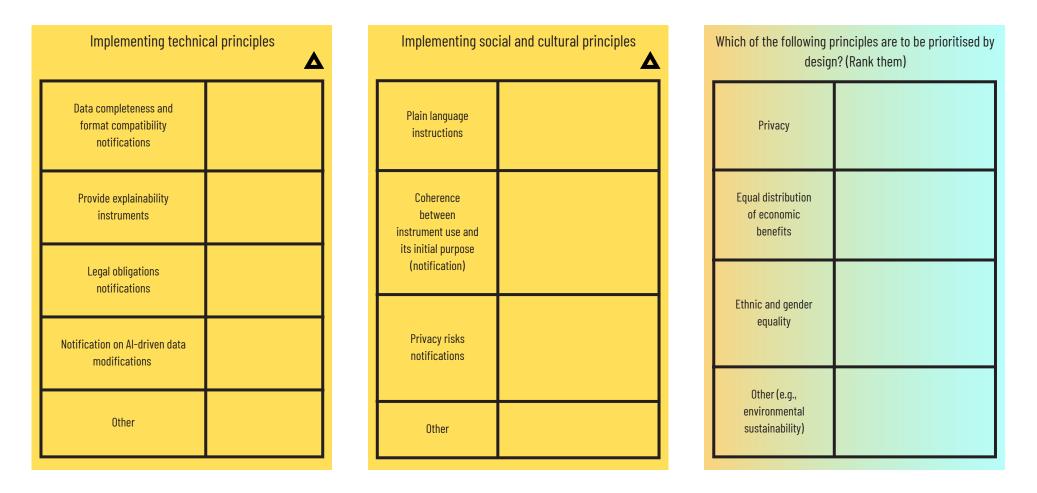
ARE THERE THIRD-PARTY DATA THE USE OF [] Yes. Which? [] No	PROVIDE THE DATA SUBJECT WITH A DATA TREATMENT STATEMENT. ARE THE FOLLOWING ASPECTS INCLUDED?		
WHIC	CH PRECAUTIONS ARE YOU TAKING?	Which categories of data are collected?	
	For which purpose is the data collected?		
CAN THE COLLECTED DATA BE RELEASED AS OPEN DATA IN AGGREGATED FORM?	WHEN COLLECTING DATA ONE NEEDS TO ELABORATE	What is the legal basis?	
	 An information sheet with all GDPR-related info A plain-language communication understandable to all to favour a full understanding of the data treatement by the data subjects 	Which methods were employed in data collection?	





Functional requirements

Based on your previous answers, please list the technical characteristics that the elaborated AI tool must have



Consider adopting the following documentation instruments to provide the users with further technical detail: Data cards, Model cards, AI Product cards.

Use AI Product cards to document the technical characteristics of the AI tool drafted in the canvas.

Use the Assessment List for Trustworthy Artificial Intelligence (ALTAI) to re-evaluate your instrument's coherence with EU norms.