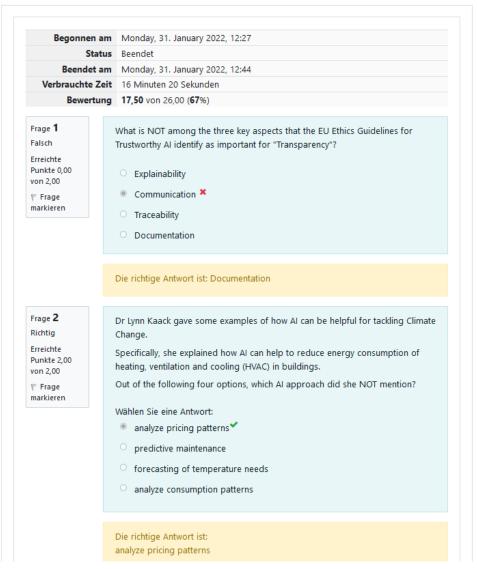
510.101, KV Responsible AI, Martina Mara / Laura Moradbakhti, 2021W





Frage 3 MIT's Moral Machine experiment indicates that ... Richtig Erreichte Wählen Sie eine Antwort: Punkte 2,00 ... many Europeans want autonomous vehicles to protect elder von 2,00 pedestrians. ▼ Frage markieren ... a universal moral code for autonomous cars is possible and can be democratically legitimized. ... the interests of smaller segments of the population can be protected by means of a large dataset. ... many Europeans want autonomous vehicles to protect younger pedestrians. Die richtige Antwort ist: ... many Europeans want autonomous vehicles to protect younger pedestrians. Frage 4 Al systems are always ... Richtig Wählen Sie eine Antwort: Erreichte Punkte 2,00 efficient. von 2,00 responsible for their decisions. markieren o more neutral than humans. designed artefacts.

Die richtige Antwort ist: designed artefacts.

Falsch

Erreichte Punkte 0,00 von 2,00

Frage
 markieren

Which of the following is NOT a factor of the Three-Factor Theory of Anthropomorphism (Epley, Waytz & Cacioppo, 2007)?

Wählen Sie eine Antwort:

- elicited agent knowledge
- effectance motivation *
- agency motivation
- sociality motivation

Die richtige Antwort ist: agency motivation

Frage 6

Falsch

Erreichte Punkte 0,00 von 2,00

 What is the Privacy Calculus Approach?

Wählen Sie eine Antwort:

- It refers to our innate desire to keep important information to ourselves.
- It refers to people hat defend users' privacy regulations against big social media companies.

×

- Users calculate how risky it is to illegally sell information from other users online.
- Users calculate risks and benefits of disclosing information about themselves. They base their decision to reveal or withdraw personal information on the outcome of that calculation.

Die richtige Antwort ist:

Users calculate risks and benefits of disclosing information about themselves. They base their decision to reveal or withdraw personal information on the outcome of that calculation.

Richtig

Erreichte Punkte 2,00 von 2,00

Frage
 markieren

What are the names of 2 ethical approaches we introduced to you?

Wählen Sie eine Antwort:

- Tontological and Instrumentalist
- Idealism and Pantheism
- Theology and Jurisprudence
- Deontological Ethics and Consequentialism

Die richtige Antwort ist: Deontological Ethics and Consequentialism

Frage **8**

Vollständig

Erreichte Punkte 3,00 von 3,00

Frage markieren

Give a definition of what Explainable AI (XAI) is.

Why is XAI needed and how does it relate to trust?

Explainable AI is AI technology that gives additional information on how it reached its conclusion, or explains

the pattern it searched for (if it is a pattern searching AI). For example an image recognision AI that is "XAI" should

be able to point to specific patterns which it used to conclude its findings. "This is a cat because it has wiskers, is not as big as a leopard, and is a mammel etc."

We trust technology more, the more we understand it (to a certain point).

An AI that is "open with its flaws" (= for example explains how the filtering of information could go wrong)

or an AI that explains its conclusion is more trusted by users than those who dont.

Also public education about AI and Demystification leads to a better trust relationship and less overestimating of

its "powers".

Richtig

Erreichte Punkte 2,00 von 2,00

Frage
 markieren

What described Ernst Jentsch in his famous article "On the Psychology of the Uncanny" as a strong trigger for uncanny feelings?

Wählen Sie eine Antwort:

- Computer-generated characters whose eyes look artificial.
- Doubt as to whether a lifeless object may not in fact be animate.
- O Al-generated portraits of people who do not exist in reality.
- Doubt as to whether an apparently friendly being may not in fact be a threat.

Die richtige Antwort ist: Doubt as to whether a lifeless object may not in fact be animate.

Frage 10

Richtig

Erreichte Punkte 2,00 von 2,00

₹ Frage markieren "Reduced inequalities", "Good health and wellbeing", "Affordable and clean energy", and "Quality education" are all part of the ...

- UN Sustainable Development Goals
- O IEEE Goals for Computer Science in Society
- O Principles of Responsible Corporations Globally
- Universal Declaration of Human Rights

Die richtige Antwort ist: UN Sustainable Development Goals

Richtig Erreichte Punkte 2,00

Frage
 markieren

von 2,00

In its report "Who is winning the AI race", the Center for Data Innovation (2019) concludes that ...

Wählen Sie eine Antwort:

- ... the USA has the lead in available data.
- ... Europe struggles to translate AI research into business applications.
- ... China struggles to catch up with AI developments.
- ... Europe is a major AI talent attractor.

Die richtige Antwort ist: ... Europe struggles to translate Al research into business applications.

Frage 12

Vollständig

Erreichte Punkte 0,50 von 3,00

 Explain the Similarity Attraction Paradigm and provide an example for this theory from at least one Human-Computer Interaction study.

The similar Attraction Paradigm says that similar humans tend to like each other more, in and out-group thinking is a direct

consequence of this paradigm. Now one can translate this Paradigm to the computer/AI to human realtionship.

We tend to trust Technology which has certain human features more than those who dont. (Also only to a certain point -> Uncanny Valley)

Examples are: autonomos car with painted eyes.

prototype roboters which have cute and human like features.