

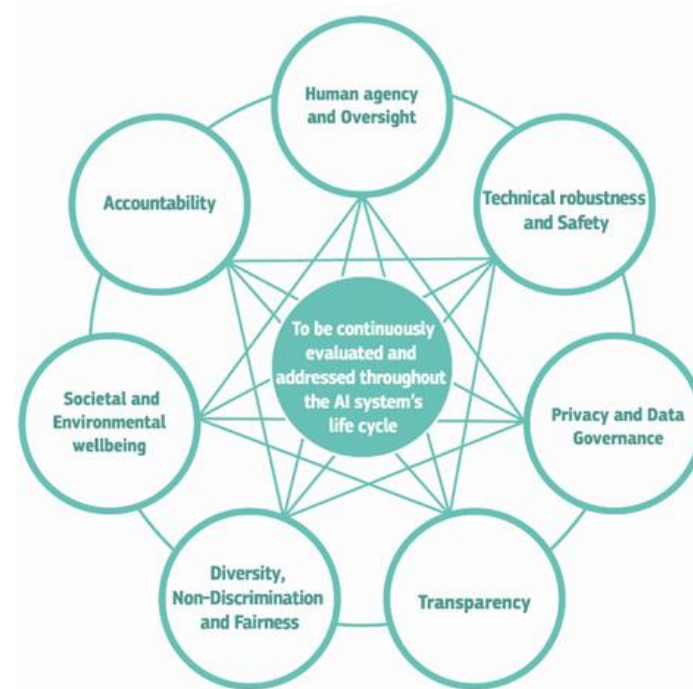




Dr. Iuliana Sandu, Director Expert Practice Trustworthy & Accountable AI

"Metrics play a central role in Artificial Intelligence (AI) applications. The design of metrics, the impact of metrics, and the use of metrics with the purpose of upholding accountability and ultimately increase trust, has been a long endeavor of researchers in accounting and management information systems. In the Trustworthy and Accountable AI Expert Practice, part of the Erasmus Center for Data Analytics (ECDA), AI is looked at through the lenses of experts on accountability and metrics."

Trustworthy & Accountable AI: Context



Algorithmic accountability is the concept that organizations should be held responsible for the results of their programmed algorithms. The concept goes hand in hand with algorithmic transparency, which requires organizations be open about the purpose, structure and underlying actions of the algorithms used to search for, process and deliver information.

As the product of humans, algorithms can have issues resulting from human bias or simple oversight. Algorithmic accountability is promoted as a way to help such issues be recognized and corrected.

The Trustworthy & Accountable AI expert practice aims to:

1. Facilitate interactions between academia and industry
2. Disseminate and increase the impact of academic research
3. Educate digital accountancy & finance professionals

Collaboration opportunities can take different shapes:

- Data sharing and research collaboration
- Contract research/consulting
- Research funding (e.g., MSc theses and PhD projects)



Experts:

- [Dr. Iuliana Sandu](#) - Director
- [Dr. Otto Koppius](#)
- [Prof. Marcel Rinsum](#)
- [Dr. Stephan Kramer](#)
- [Dr. Evelien Reusen](#)
- [Dr. Caspar David Peter](#)
- [Dr. Steven Vanhaverbeke](#)

PhD candidates:

- Tamara Thuis
- Aljaž Sluga
- Sebastian Stirnkorb
- Albert Dongo
- Anoek Leonieke Holthuijsen

- The Audit of Algorithms
- Trust mechanisms in AI
- Types of accountability over AI
- Bias and incentives in AI development
- Transparency of AI
- Impact of AI on the accountancy profession
- Educating digital accountancy & financial professionals

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Trustworthy & Accountable AI: Current Partners & Collaborators



Passion provides purpose, but data drives decisions

Dr. Iuliana Sandu



sandu@rsm.nl



www.eur.nl/data



<https://www.linkedin.com/in/iuliana-sandu-021b633a/>

