Special Issue

Interpretable and Explainable AI Applications

Message from the Guest Editors

This Special Issue will target contributions that consider the broader view of the field that aims to investigate how AI systems explain themselves, either via interpretability or a combination of interpretability and explainability. The aim of this Special Issue is to provide a leading forum for the timely, in-depth presentation of recent advances in the research and development of interpretability and explainability techniques for AI applications. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- How artificial intelligence methods and systems explain their decisions;
- Interpretability of AI models and methods;
- Validation of explainability or interpretability approaches for AI;
- Robustness of methods for interpretability and explainability;
- Applications adopting AI methods with explainability or interpretability methods;
- Applications benefiting from different types of explanation contents, e.g., counterfactuals, feature attribution, instance attribution;
- Social aspects of explainability and interpretability in AI;
- Accountability of AI systems.

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Deadline for manuscript submissions

closed (30 September 2024)

AI

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Impact Factor 5.0
CiteScore 6.9

mdpi.com/si/153119

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Message from the Editor-in-Chief

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