Special Issue

Explainable Artificial Intelligence for Visualization in Human Computer Interactions

Message from the Guest Editor

This Special Issue aims to explore the advancements and applications of explainable artificial intelligence (XAI) in the context of visualization for human–computer interactions (HCI). The focus is on research that investigates techniques, methodologies, and frameworks for developing interpretable and explainable AI systems in order to enhance the usability, transparency, and trustworthiness of visualizations in HCI. The Special Issue welcomes original research articles, reviews, and case studies that contribute to the understanding and development of XAI methods for visualization in HCI.

- Explainable artificial intelligence (XAI);
- Visualization;
- Human–computer interactions;
- Trustworthiness;
- Interpretable AI;
- User-centered design;
- Cognitive computing;
- Human factors;
- Visual analytics;
- Explainability techniques;
- Explainable machine learning;
- User experience.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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