Special Issue

XAI: Explainable Artificial Intelligence in Healthcare, Finance and Industrial Applications

Message from the Guest Editors

Explainable artificial intelligence (XAI) is used to describe an AI model, its expected impact and potential biases. It helps to characterize model accuracy, fairness, transparency and outcomes in AI-powered decision making. Explainable AI is crucial for an organization in building trust and confidence when putting AI models into production. AI explainability also helps an organization to adopt a responsible approach to AI development. We invite authors from both industry and academia to submit original research and review articles that cover the success stories of XAI in enhancing data transparency and reusability, specifically for real-life problems like conversational AI, healthcare, finance, and other industrial applications. All received submissions will be sent out for peer review by at least three experts in the field and evaluated with respect to relevance to the Special Issue, level of innovation, depth of contribution and quality of presentation.

Guest Editors

Dr. Munish Kumar

Prof. Dr. Ajay Mittal

Dr. Monika Sachdeva

Prof. Dr. Krishan Kumar Saluja

Deadline for manuscript submissions

closed (1 November 2022)

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Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

Editor-in-Chief

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