Special Issue

Trustworthy AI: Privacy-Preserving Techniques for a Secure Digital Future

Message from the Guest Editors

This Special Issue aims to bring together researchers and practitioners from diverse fields to explore innovative methods and approaches for building trustworthy AI and ML systems that prioritize privacy. With the increasing reliance on software in various industries and aspects of daily life, the quality of software has become a critical factor in ensuring safety, security, and overall well-being. Poor software quality can lead to severe consequences, including safety hazards, security breaches, and financial losses. Therefore, managing software quality effectively is essential not only for minimizing risks but also for enhancing productivity, reducing costs, and accelerating time-to-market. The development of privacy-preserving techniques for AI and ML systems becomes even more vital. These techniques must be integrated into software development, analysis, and maintenance processes to ensure that AI and ML applications are secure, reliable, and trustworthy. By emphasizing privacy protection, we can build a more secure digital future where individuals and organizations can fully benefit from AI and ML technologies without compromising their privacy.

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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