Special Issue

AI-Powered Innovations in Blockchain and Cybersecurity: Advances, Challenges, and Future Prospects

Message from the Guest Editors

Artificial intelligence (AI), blockchain and cybersecurity have emerged as transformative forces reshaping the digital landscape. AI-driven methodologies are increasingly being integrated into blockchain networks and cybersecurity frameworks to enhance security, optimize efficiency, and mitigate risks in decentralized ecosystems. The Issue aims to bring together cutting-edge research that explores intersection of AI, blockchain and cybersecurity, addressing both theoretical advancements and practical applications. The areas includes AI-Enhanced Security Mechanisms in Blockchain; AI for Smart Contract Auditing and Verification; Machine Learning for Threat Detection and Prevention; Decentralized AI Models for Cybersecurity; Quantum-Resistant AI and Blockchain Solutions; Blockchain and AI for Secure IoT and Edge Computing; Ethical AI and Blockchain Governance; Case Studies and Real-World Applications... By bridging AI, blockchain, and cybersecurity, the Issue aims to advance the field by providing novel insights, fostering collaborations, and inspiring future innovations. We welcome original research articles, review papers, and case studies from academia and industry.

Guest Editors

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