

Special Issue

AI-Driven Data Analytics and Mining

Message from the Guest Editors

The rapid growth of data volumes and complexity has made AI-driven analytics and mining indispensable for extracting actionable knowledge. By integrating cybernetic feedback principles with advanced machine learning and sentiment analysis techniques, researchers can develop adaptive, self-regulating systems that learn from dynamic environments and human inputs. This convergence addresses critical challenges in processing high-velocity, heterogeneous data streams while ensuring robust decision support and system autonomy. This Special Issue of *Electronics* welcomes contributions that advance AI-driven data analytics and mining, with a focus on cybernetics, big data analytics, and sentiment analysis. We seek original research, reviews, and case studies highlighting novel algorithms, system architectures, and end-to-end pipelines—from data acquisition and integration through to explainable modeling and deployment. Submissions should align with the journal's mission to foster innovative, open access dissemination of impactful AI solutions.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

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 guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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