

Special Issue

Emerging Applications of Data Analytics in Intelligent Systems

Message from the Guest Editors

With the deep integration of artificial intelligence and big data technology, data analysis is becoming the core driving force for the iteration of intelligent systems. With breakthroughs in technologies such as generative AI, multimodal data processing, and edge computing, the decision-making ability, real-time performance, and adaptability of intelligent systems have been significantly improved. At the same time, data analysis is shifting from "hindsight" to "real-time drive", and there have been many successful application cases, including water, speech signal processing, industrial Internet of Things, autonomous driving, energy, and other fields. For this Special Issue, we focus on the application of data analysis methods in intelligent systems. This Special Issue provides an opportunity to discuss the multidisciplinary applications, trends, and directions of data analysis methods and intelligent systems. We welcome the submission of original research papers and reviews reporting on the application of data analysis and intelligent methods.

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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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