

Special Issue

Exploring AI: Methods and Applications for Data Mining

Message from the Guest Editors

Summary: With the advancement of ICT technology introducing new technologies, such as mobile technology, IoT, and sensors, organizations are now faced with an environment where they generate and utilize vast and diverse types of big data. While traditional data analysis has focused on hypothesis verification based on correlations between structured data, the big data era increasingly involves the discovery and verification of hypotheses considering both structured and unstructured data.

Topics of interest for this Special Issue include (but are not limited to) the following:

- AI systems for business applications;
- Big data analytics in customer behavior;
- Data mining in healthcare and forensic science;
- AI-based image reconstruction and recognition technology;
- Machine learning applications for financial market predictions;
- Novel methods in big data analytics;
- Text mining applications.

Keywords: business AI systems; customer behavior analytics; healthcare and forensic data mining; AI-based image reconstruction and recognition; machine learning for financial predictions

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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