

Special Issue

Machine Learning and Data Mining for Time Series and Model Adaptation

Message from the Guest Editor

Machine learning and data mining techniques have rapidly evolved and are now being applied in innovative ways to real-world problems. Among the various types of data, time series data play a critical role due to their ability to predict future trends based on past and current data and uncover valuable insights in advance. Forecasting and anomaly detection are central challenges in time series analysis. Another key challenge is the shift in data distribution over time. It is essential to detect these shifts effectively and adapt well-designed models with which to accommodate new data distributions. This Special Issue seeks to compile a collection of articles that highlight the latest advancements in machine learning and data mining techniques applied to time series data, with a focus on adapting to changing data distributions. Topics of interest include, but are not limited to, big data, machine learning, deep learning, data mining, artificial intelligence, and related fields within computer science and industrial engineering.

Guest Editor

Dr. Hyuk-Yoon Kwon

Department of Industrial Engineering, Seoul National University of Science and Technology, 232 Gongneung-Ro, Nowon-Gu, Seoul 01811, Republic of Korea

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Mathematics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
mathematics@mdpi.com

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Editor-in-Chief

Prof. Dr. Francisco Chiclana

School of Computer Science and Informatics, De Montfort University,
The Gateway, Leicester LE1 9BH, UK

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