



Predictive Analytics and Data Science

Guest Editors:

Dr. Agnes Vathy-Fogarassy

Department of Computer Science
and Systems Technology,
University of Pannonia,
Veszprém, Hungary

Prof. Dr. János Abonyi

MTA-PE Lendület Complex
Systems Monitoring Research
Group, Department of Process
Engineering, University of
Pannonia, H-8200 Veszprém,
Hungary

Deadline for manuscript
submissions:

closed (20 April 2023)

Message from the Guest Editors

The development and maintenance of predictive data-driven models poses several challenges, such as feature selection, model structure optimization, sensitivity analysis, model validation, model maintenance, transfer learning and adaptation, model deployment, and evaluation of the benefit of the application of the models.

This Special Issue solicits papers covering the development, validation, application, and maintenance of predictive analytics models and presenting real-life applications. The potential topics include but are not limited to:

- Classification-based prediction models;
- Regression-based prediction models;
- Forecast using deep learning methods and algorithms;
- Managing the uncertainty and missing data in forecast;
- The life cycle of predictive models, and maintaining predictive models;
- Development and validation of online predictive models;
- Self-learning predictive models;
- Predictive analytics in Industry 4.0 (application of sensors, historical experience)





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Willy Susilo

School of Computer Science and
Software Engineering, University
of Wollongong, Northfields
Avenue, Wollongong, NSW 2522,
Australia

Message from the Editor-in-Chief

The concept of *Information* is to disseminate scientific results achieved via experiments and theoretical results in depth. It is very important to enable researchers and practitioners to learn new technology and findings that enable development in the applied field.

Information is an online open access journal of information science and technology, data, knowledge and communication. It publishes reviews, regular research papers and short communications. We invite high quality work, and our review and publication processing is very efficient.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [ESCI \(Web of Science\)](#), [Ei Compendex](#), [dblp](#), and [other databases](#).

Journal Rank: CiteScore - Q2 (*Information Systems*)

Contact Us

Information Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/information
information@mdpi.com
[X@InformationMDPI](#)