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Predictive Analytics and Data Science

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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)



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Message from the Editor-in-Chief

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