Special Issue

Data Modeling and Predictive Analytics

Message from the Guest Editor

Data modeling is carried out to improve the quality of data, which eventually helps processes to identify interesting patterns and carry out predictions. Many of the latest research and development trends suggest and attempt to build data modeling, cleansing, and preparation techniques that are aligned towards improving and enhancing the performance and effectiveness of analysis and prediction mechanisms. This requires advanced methods, techniques, and tools that perform modeling, representation, and preparation of data in alignment with reasoning, analytics, and prediction. Topics of interest:

- Data modeling
- Knowledge representation
- Data preprocessing and transformation
- Feature engineering
- Predictive analytics
- Ontologies and metadata
- Knowledge graphs
- Complex event modeling and processing
- Cataloguing and organization
- Semantic web and rules
- Natural language modeling and processing
- Rule-driven and data-driven reasoning
- Prediction and forecasting
- Machine learning
- Deep learning

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2021)

About the Journal

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.

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