Special Issue

Deep Learning Approach for Time Series Forecasting

Message from the Guest Editors

In recent years, deep learning (DL) methodologies have revolutionized the field of artificial intelligence (AI), particularly in the domain of time series forecasting. With their ability to capture complex nonlinear relationships in time-dependent data, these advanced models have shown remarkable success across various sectors, including finance, transportation, weather, energy, and healthcare. The topics of this Special Issue include (but are not limited to):

Innovative deep learning models for time series forecasting;

Techniques for improving the interpretability and transparency of deep learning models in time series analysis;

Hybrid deep learning models for forecasting;

Applications of advanced deep learning models for forecasting;

Deep learning models for imperfect time series forecasting;

Deep learning models for irregular time series forecasting;

Missing value imputation for forecasting;

Benchmark studies about deep learning models for forecasting.

Guest Editors

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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.

Editor-in-Chief

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