

Special Issue

New Advances in Machine Learning and Its Applications

Message from the Guest Editor

This Special Issue focuses on multimodal machine learning for stock valuation. As an example, there has been significant interest in the predictive power of sentiment analysis for financial documents. Likewise, there has been a good deal of interest in forecasting stock price trends using neural networks. This Special Issue focuses on combining such areas, but more broadly, it covers multimodal techniques for security valuation. Furthermore, we also welcome combining heuristic or statistical techniques with machine learning models. Original research articles and reviews are welcome. Examples of possible research areas include (but are not limited to) the following:

- Combining multimodal ML with traditional statistical financial models;
- Combining multimodal ML with financial heuristics;
- Multimodal ML forecasting securities' price trends and sentiment analysis of financial documents;
- Multimodal ML measuring corporate similarity and forecasting price from news events or corporate actions;
- Multimodal ML similarity of stock financials and neural network time series forecasting;
- Multimodal ML heterogeneous markets and sector trends on other markets.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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