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Supply Chain Forecasting with Machine Learning Approaches

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Message from the Guest Editors

Supply chain forecasting is an important aspect of business operations that can be optimized with machine learning approaches. Machine learning can handle a large amount of data in real time, learn and adapt over time, and improve accuracy, efficiency, and profitability. Various machine learning approaches, such as neural networks, decision trees, random forests, support vector machines, and Bayesian networks, can be applied depending on the requirements of the supply chain and available data. Machine learning has the potential to help businesses make more informed decisions, respond more quickly to changes in demand, and achieve long-term success. Given this context, the Special Issue aims to disseminate insights and encourage a more critical discussion and perspective on practical applications of AI and machine learning in supply chain forecasting, as well as recent advancements in utilizing these emerging technologies. To this end, authors are invited to submit original research articles that address significant issues and contribute to the development of new concepts, methodologies, applications, trends, and knowledge in the field.

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Message from the Editor-in-Chief

The new open access journal Forecasting provides an interdisciplinary forum for all aspects related to the immensely broad field of time series analysis and forecasting. The range of applications in forecasting is enormous, from energy forecasting or economic analysis of stock indices prediction, climate forecasting, chemical or natural process forecasting, etc. It is the aim of the journal to publish relevant topical contributions for the scientific community of forecasting in a timely manner. We would like to invite you to contribute to the journal by sending us your high quality research papers and would be pleased to welcome you as one of our authors.

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