Special Issue

Quantitative Finance in the Era of Big Data and AI

Message from the Guest Editor

This Special Issue invites original, high-quality research that examines the intersection of quantitative finance, big data analytics, and AI technologies. We welcome submissions that address, but are not limited to, the following topics:

- Machine Learning and AI in Financial Modeling: Innovative AI methods such as deep learning, reinforcement learning, and natural language processing applied to asset pricing, portfolio optimization, and algorithmic trading.
- Big Data in Financial Markets: The role of alternative data (social media, satellite imagery, and market sentiment) and their integration into traditional financial models for improved predictive accuracy.
- Regulatory and Ethical Implications: The impact of AI and big data on financial regulations, ethical concerns, and transparency of decision-making algorithms.
- Computational Finance: Efficient computational methods for handling large-scale data in high-frequency trading and real-time financial analysis.

We invite academics and practitioners to submit manuscripts that contribute to advancing our understanding of how big data and AI can revolutionize the field of quantitative finance.

Guest Editor

Dr. Ruipeng Liu

Department of Finance, Deakin Business School, Deakin University, 221 Burwood Highway, Melbourne, VIC 3125, Australia

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About the Journal

Message from the Editor-in-Chief

Researchers are most welcome to contribute original research articles or comprehensive review papers for consideration and publication in *Journal of Risk and Financial Management* (*JRFM*), an on-line, open access journal. *JRFM* adheres to rigorous peer-review as well as editorial processes, and publishes high quality manuscripts that address theoretical, practical and empirical issues in analysing real life financial data. The goal of *JRFM* is to enable rapid dissemination of high impact research to the scientific community.

Editor-in-Chief

Prof. Dr. Thanasis Stengos
Department of Economics and Finance, University of Guelph, Guelph, ON N1G2W1, Canada

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