

Special Issue

Investment Data Science with Generative AI

Message from the Guest Editor

This Special Issue focuses on “Investment Data Science with Generative AI”. Generative Artificial Intelligence can generate text, images, and videos responding to prompts. Generative AI is the latest innovation in artificial intelligence. It will play an important role in finance and investment. With a Large Language Model (LLM) like ChatGPT, extracting sentiment values from textual information, such as news, reports, and social media, becomes convenient. For example, ChatGPT can be used for sentiment analysis, corporate culture analysis, Federal Reserve opinion analysis, etc. It welcomes research articles that present novel theories, algorithms, systems, and applications of generative AI for investment and encourages submissions from multiple disciplines, including artificial intelligence, computer science, information systems, finance, statistics, etc. Topics of interest include, but are not limited to, data science for investment, generative AI for investment, large language models, algorithmic trading, robo-advisors, computational finance, and financial forecasting.

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