

## **Call for papers VBA Journaal winter 2023**

### **Artificial intelligence and ChatGPT in the Dutch investment sector: recent developments and impact on investment practice.**

In the dynamic and constantly changing investment world, artificial intelligence (AI) and sophisticated large language models, such as ChatGPT and OpenAI, are no longer peripheral phenomena. Will these technologies transform society? Will they result in innovative investment strategies or new operational efficiency? And what is currently happening in investment practice?

What once seemed futuristic is now becoming reality: massive data analysis appears to be making nowcasting possible, revealing trends and patterns that traditionally remained hidden. Performance analysis is being enhanced considerably by means of AI and ChatGPT, helping us to understand the details that would otherwise remain elusive. Manager selection is also being streamlined, as AI and ChatGPT are able to process huge amounts of information that is needed for thorough and necessary assessments.

This implies a transformation of how we think about investing, trading, recruitment and selection and the next generation of staff. How are AI, ChatGPT and machine learning already being applied by quant/data science investors? Are the implications far-reaching, both on a micro and a macro economic level? Will this technology change the fundamental principles for the sector and the role of individual analysts, portfolio managers and even the investment institution itself?

In addition to general contributions, we invite contributions on subjects such as:

- The relevance of AI and ChatGPT for investment decisions, recruitment, trading and the next generation quant.
- The use of AI in risk management, for instance for early warning systems for credit analysis.
- Recently developed applications of AI and ChatGPT in the Dutch investment sector, with a particular focus on nowcasting using big data analysis, performance analysis and manager selection Practical case studies by parties that are active in the Netherlands and have used AI and ChatGPT for their investment strategies and processes.
- The ethical, auditability and transparency challenges posed when using AI and ChatGPT in the investment sector
- Additionally: what are the risks of using these models that are fed by historical data for the purpose of investment decisions, manager selection et cetera? How do you maintain a proper balance between the added value and the risks?
- The regulatory developments, challenges and opportunities that AI and chatbots bring

By means of this call for papers we invite interested authors to submit a summary of their contribution to the editorial team ([irma.willemsen@cfavba.nl](mailto:irma.willemsen@cfavba.nl)) no later than 15 September 2023. Contributions must be original articles that have not previously been published elsewhere. The article can be written in both English and Dutch.

You will find further information, including instructions to authors and previews editions of the journal on <https://cfavba.nl/en/vbajournaal>.