Risks of AI to Financial Markets

Xiaolin Li, Ph.D.

Professor, Department of Business Analytics and Technology Management, College of Business and Economics, Towson University, Towson, MD 21252

Abstract

This paper explores the potential risks Artificial Intelligence (AI) brings to the financial markets. A series of risks, such as technological risks, cyber-attack and fraud risks, authentication risks, and industry structure risks, will be examined. Mini cases will be used to illustrate those risks. The study may help raise awareness of the risks of the rapidly developing AI technologies and offer valuable guidance to regulation and policy development related to AI.