1. Record Nr.   UNINA9910742483103321

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   Titolo   Artificial Intelligence (AI) and Finance / / edited by Bahaaeddin A. M.
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   Pubbl/distr/stampa Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023

   ISBN   3-031-39158-6

   Edizione   [1st ed. 2023.]

   Descrizione fisica 1 online resource (980 pages)

   Collana   Studies in Systems, Decision and Control, , 2198-4190 ; ; 488

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   Disciplina   332.640285

   Soggetti   Engineering mathematics
                       Engineering - Data processing
                       Computational intelligence
                       Artificial intelligence
                       Mathematical and Computational Engineering Applications
                       Computational Intelligence
                       Artificial Intelligence

   Lingua di pubblicazione Inglese

   Formato   Materiale a stampa

   Livello bibliografico Monografia

   Nota di contenuto   Preface -- Introduction -- Papers: Part I: Artificial intelligence Trends in
                       Business Development -- Part II: Artificial intelligence Trends in Finance
                       Development -- References.

   Sommario/riassunto Artificial intelligence (AI) has the potential to significantly improve
                       efficiency, reduce costs, and increase the speed and accuracy of
                       financial decision-making, making it an increasingly important tool for
                       financial professionals. One way that AI can improve efficiency in
                       finance is by automating tasks and processes that are time-consuming
                       and repetitive for humans. For example, AI algorithms can be used to
                       analyze and process large amounts of data, such as financial
                       statements and market data, in a fraction of the time that it would take
                       a human to do so. This can allow financial professionals to focus on
                       higher-value tasks, such as interpreting data and making strategic
                       decisions, rather than being bogged down by mundane tasks. AI can
                       also reduce costs in finance by increasing automation and eliminating
                       the need for certain tasks to be performed manually. This can result in
                       cost savings for financial institutions, which can then be passed on to

customers in the form of lower fees or better services. AI can be used to identify unusual patterns of activity that may indicate fraudulent behavior. This can help financial institutions reduce losses from fraud and improve customer security. AI-powered chatbots and virtual assistants can help financial institutions provide faster, more efficient customer service, particularly when it comes to answering common questions and handling routine tasks. Some financial institutions are using AI to analyze market data and make trades in real-time. AI-powered trading algorithms can potentially make faster and more accurate trading decisions than humans. In terms of speed and accuracy, AI algorithms can analyze data and make decisions much faster than humans, and can do so with a high degree of accuracy. This can be particularly useful in fast-moving financial markets, where quick and accurate decision-making can be the difference between success and failure. This book highlights how AI in finance can improve efficiency, reduce costs, and increase the speed and accuracy of financial decision-making. Moreover, the book also focuses on how to ensure the responsible and ethical use of AI in finance. This book is a valuable resource for students, scholars, academicians, researchers, professionals, executives, government agencies, and policymakers interested in exploring the role of artificial intelligence (AI) in finance. Its goal is to provide a comprehensive overview of the latest research and knowledge in this area, and to stimulate further inquiry and exploration.