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Invention Title	AI-POWERED ALGORITHMIC TRADING FOR UNLOCKING NEXT-GENERATION MARKET ANALYSIS
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Inventor

Name	Address	Country
Dr. Rayala Venkat	Associate Professor, Department of CSE-AIML, St. Peter's Engineering College, Hyderabad, Pin:500100	India
Dr. Kala K U	Assistant Professor, Department of Computer Science and Information Technology, Jain Deemed to be University, Bengaluru, Karnataka	India
M. Mahalingam	Assistant Professor, Department of Artificial Intelligence and Data Science, Erode Sengunthar Engineering College, Thudupathi - 638057.	India
Dr.V.Kokila	Assistant Professor, P.G & Research, Department of Commerce, A.D.M. College for Women(Autonomous), Nagapattinam.611101	India
Soorya.S	Assistant Professor, Velalar College of Engineering and Technology, Erode,638012	India
Dr D Mahammad Rafi	Associate Professor, Institute of Aeronautical Engineering, Hyderabad, Pin Code:500043	India
A. Vani Lavanya	Assistant Professor,Department of Computer Science and Engineering, St. Joseph's Institute of Technology, OMR, Chennai-600119.	India
Dr.S.Senthil Kumar	Department of Management Studies, SNS College of Technology, SNS Kalvi Nagar, Vazhiampalayam	India
Amirtha K	II year - MBA, SNS College of Technology, SNS Kalvi Nagar, Saravanampatty, Coimbatore 641 035	India
Harshini.k	II year - MBA, SNS College of Technology, SNS Kalvi Nagar, Saravanampatty, Coimbatore 641 035	India
Dhanush	II year - MBA, SNS College of Technology, SNS Kalvi Nagar, Saravanampatty, Coimbatore 641 035	India
Adithyaa S	II year - MBA, SNS College of Technology, SNS Kalvi Nagar, Saravanampatty, Coimbatore 641 035	India

Applicant

Name	Address	Country
Dr. Rayala Venkat	Associate Professor, Department of CSE-AIML, St. Peter's Engineering College, Hyderabad, Pin:500100	India
Dr. Kala K U	Assistant Professor, Department of Computer Science and Information Technology, Jain Deemed to be University, Bengaluru, Karnataka	India
M. Mahalingam	Assistant Professor, Department of Artificial Intelligence and Data Science, Erode Sengunthar Engineering College, Thudupathi - 638057.	India
Dr.V.Kokila	Assistant Professor, P.G & Research, Department of Commerce, A.D.M. College for Women(Autonomous), Nagapattinam.611101	India
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A. Vani Lavanya	Assistant Professor,Department of Computer Science and Engineering, St. Joseph's Institute of Technology, OMR, Chennai-600119.	India
Dr.S.Senthil Kumar	Department of Management Studies, SNS College of Technology, SNS Kalvi Nagar, Vazhiampalayam	India
Amirtha K	II year - MBA, SNS College of Technology, SNS Kalvi Nagar, Saravanampatty, Coimbatore 641 035	India
Harshini.k	II year - MBA, SNS College of Technology, SNS Kalvi Nagar, Saravanampatty, Coimbatore 641 035	India
Dhanush	II year - MBA, SNS College of Technology, SNS Kalvi Nagar, Saravanampatty, Coimbatore 641 035	India
Adithyaa S	II year - MBA, SNS College of Technology, SNS Kalvi Nagar, Saravanampatty, Coimbatore 641 035	India

Abstract:

AI-Powered Algorithmic Trading for Unlocking Next-Generation Market Analysis is the proposed invention. The proposed invention focuses on understanding the fun
Powered Algorithmic Trading. The invention focuses on analyzing the parameters of Next-Generation Market Analysis using algorithms of AI approach.

Complete Specification

Description:[0001]   Background description includes information that may be useful in understanding the present invention. It is not an admission that any of th information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.
[0002]   Artificial intelligence (AI) is a collection of technologies that allow computers to perform complex tasks that are similar to human intelligence. AI systems ca logic and decision trees to learn, reason, and self-correct. They can also adapt to new inputs and learn from experience by analyzing large amounts of data and ider patterns. AI has a wide range of applications, including Seeing, Understanding and translating language, Analyzing data, and Making recommendations.
[0003]   A number of different types of stock market analysis systems that are known in the prior art. For example, the following patents are provided for their sup teachings and are all incorporated by reference.
[0004]   Algorithmic Trading and AI: A Review of Strategies and Market Impact: This review explores the dynamic intersection of algorithmic trading and artificial inte (AI) within financial markets. It delves into the evolution, strategies, and broader market impact of algorithmic trading fueled by AI technologies. Examining the symb relationship between advanced algorithms and AI, the review navigates through the various strategies employed, shedding light on their implications for market eff liquidity, and overall stability. From high-frequency trading to machine learning-driven predictive analytics, this review unveils the multifaceted landscape of algorith trading in the era of AI, presenting both opportunities and challenges for financial markets. The review begins by tracing the historical development of algorithmic tr emphasizing the paradigm shift with the integration of AI. From traditional programmatic trading to the emergence of sophisticated algorithms driven by machine l and deep learning, the evolution sets the stage for a comprehensive understanding of the subject. An in-depth analysis of diverse algorithmic trading strategies unf covering areas such as trend following, statistical arbitrage, market making, and sentiment analysis. The incorporation of AI introduces adaptive learning capabilities

View Application Status