



Global AI Stock

To provide intelligent and efficient AI investment solutions for global investors



Global AI Securities Co.,Ltd.

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Chapter 1 AI is Changing the financial investment landscape

1.1 Overview of AI technology development

Artificial Intelligence (AI) is a technical system that realizes tasks by simulating human intelligence (such as perception, cognition, decision-making, etc.), and its core technologies include machine learning, deep learning, natural language processing (NLP), computer vision, etc.

AI is not only a tool, but also a "new species" that can iterate itself. Its development relies on the collaborative breakthrough of the three core elements of computing power, algorithm and data. For example, large-scale models are trained with massive data to achieve universal intelligence, which has become the mainstream technology route.

AI is ubiquitous, its development is rapid, and its influence is constantly expanding. With the continuous breakthrough of AI technology, such as the increasing maturity of deep learning algorithms, the significant improvement of natural language processing capabilities, and the widespread application of computer vision technology, AI is changing the way we live and work at an unprecedented speed. Around the world, countries have increased their investment in the field of AI, formulated relevant strategic plans, and strive to seize the opportunity in this scientific and technological revolution. For example, the United States has invested a lot in AI research and development, and many technology giants such as Google, Microsoft and Amazon continue to make efforts in the frontier research and application of AI technology. China also attaches great importance to the development of AI, and has introduced a series of policies and measures to encourage enterprises and scientific research institutions to actively carry out AI technology innovation and application practice, and has made many remarkable achievements in AI chips, intelligent voice interaction, computer vision and other fields.

- Improve efficiency and reduce costs: It can automate tedious tasks, optimize processes, reduce human input, reduce enterprise operating costs, and improve overall production and work efficiency.



- Innovative products and services: Help enterprises develop more innovative and intelligent products and services, such as smart home devices, intelligent medical diagnosis systems, etc., to meet the increasingly diversified and personalized needs of consumers and improve user experience.
- Data value mining: It can analyze and process massive data to mine valuable information and knowledge, provide strong support for enterprise decision-making, market forecasting, risk assessment, etc., and help enterprises better grasp market opportunities and reduce risks.

In terms of market size, the global artificial intelligence market size is \$638.23 billion in 2024, calculated at \$757.58 billion in 2025, and is expected to reach about \$368.47 billion by 2034, with a compound annual growth rate of 19.20% from 2025 to 2034. In 2024, the market size of North American artificial intelligence has exceeded 235.63 billion US dollars, and the market share in North America has exceeded 36.92%. The Asia-Pacific market is expected to grow at the highest CAGR of 19.8 percent from 2025 to 2034.

In the technology segment, the deep learning segment holds a 37.4 percent market share in the AI market, and by solution, the services segment holds a more than 39.2 percent market share in 2024. In terms of the scale of investment and financing, in 2024, the global venture capital in the field of artificial intelligence broke the \$100 billion mark for the first time, reaching a record \$100.4 billion, and the amount of financing in the fourth quarter reached \$43.8 billion, an increase of more than 2.5 times from the previous quarter.

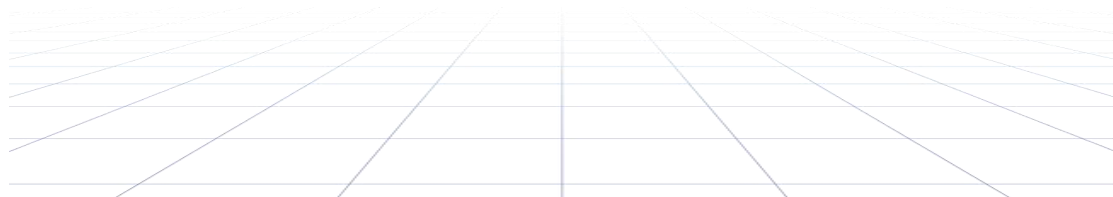
AI's subversion of traditional fields is also extremely profound, for example, in the manufacturing industry and other fields, artificial intelligence through automation equipment and robots to achieve intelligent control of production lines, such as intelligent robots can replace manual completion of complex and heavy tasks, improve production speed, reduce labor costs. AI technology can analyze a large amount of data and provide data-driven decision support for enterprises, so that enterprises can more accurately understand market trends, customer needs and supply chain conditions, and formulate more scientific business strategies. In addition, taking the retail industry as an example, AI technology can recommend products in line with consumers' preferences based on their purchase history and browsing history, changing traditional marketing and sales models and improving customer satisfaction and purchase conversion rates.



Since 2013, more than 20 countries and regions, including the United States, China, the European Union, the United Kingdom, Japan, Germany, France, the Republic of Korea, India, Denmark, Finland, New Zealand, Russia, Canada, Singapore, the United Arab Emirates, Italy, Sweden, the Netherlands, Vietnam and Spain, have released AI-related strategies, plans or major plans. More and more countries have joined the queue to lay out artificial intelligence, escorting the landing of their own artificial intelligence from the aspects of policy, capital, technical personnel training, and application infrastructure construction.

We believe that in the future, AI will usher in explosive growth and enjoy broad prospects.

- Technological innovation continues to advance: AI models will make greater breakthroughs in reasoning ability and idea generation, and new fields such as emotional intelligence will be developed, promoting the emergence of large models that combine emotional intelligence and IQ.
- The open source ecosystem is more prosperous: the open source model will evolve from "available" to "easy to use", and the open source community can promote global knowledge sharing and technology collaboration to provide low-cost and efficient solutions for small and medium-sized enterprises.
- Application scenarios continue to expand: AI will be deeply integrated with more industries and fields, in addition to the existing application fields, will also create more application scenarios in education, transportation, energy and other fields, and promote the intelligent transformation of various industries.
- Accelerated development of end-side AI: With the continuous maturity of end-side AI technology, end-side AI devices will accelerate to provide users with more real-time, personalized and offline AI functions, reducing the reliance on cloud computing.





1.2 The impact of AI on financial markets

The application of AI in the financial market is in the process of continuous deepening, and there are many significant trends of development at the technical level. The collaborative development of large and small models has become a key trend. With its strong generality and generalization ability, large models can deeply learn and grasp macro knowledge and complex laws in the financial field. Small models focus on specific financial business scenarios, such as risk assessment of certain financial products or investment analysis of specific market areas, and accurately handle local tasks with its lightweight, high efficiency and high adaptability to specific scenarios.

The two cooperate with each other, the large model provides the macro knowledge base and global guidance for the small model, and the small model feeds back the specific scene data and optimization direction for the large model, so as to achieve complementary advantages and improve the comprehensiveness and accuracy of financial business processing. At the same time, the integration of multi-modal technology is also advancing in the financial field, integrating and applying various data modes such as text, image and audio. For example, when analyzing the financial situation of an enterprise, it can not only process the text data in the financial statements, but also combine the multi-modal information such as the images of the enterprise's office space and the voice interview of the enterprise's senior executives to gain a more comprehensive and intuitive insight into the operation of the enterprise and provide more abundant and three-dimensional information support for financial decision-making.

At the application level, the influence of AI is equally broad and deep. With the deepening of intelligent investment research, through in-depth mining and analysis of multi-source data such as massive financial information, historical transaction data, and macroeconomic indicators, AI can not only provide traditional fundamental analysis, but also mine potential investment clues with the help of complex algorithm models, such as predicting the impact of changes in corporate market reputation on stock prices through social media public opinion analysis. To provide investors with more forward-looking and comprehensive investment research reports. Intelligent customer service also ushered in the upgrade, with the help of advanced natural language processing technology, not only can quickly and accurately answer the common questions of customers, but also understand the



emotional tendency of customers' words, provide more humane comfort and solutions when dealing with customer complaints, and continue to learn customer needs through multiple rounds of dialogue, constantly optimize service strategies, and significantly improve customer service experience.

Financial product innovation is accelerating. AI helps financial institutions design innovative financial products, such as customized structured financial products and personalized insurance packages, according to customers' diversified risk preferences, investment goals and financial status, using big data analysis and simulation technology, to meet the unique needs of different customer groups. In terms of risk management, the scope of application of AI is constantly expanding, in addition to traditional credit risk assessment, but also extended to market risk, operational risk and other fields. Through real-time monitoring of market fluctuations, trading behavior and abnormal data in internal operational processes, a dynamic risk assessment model is built to warn potential risks in advance and provide corresponding risk response strategies.

Meanwhile, the widespread penetration of AI in the financial industry and the deepening of cross-industry integration are also steadily advancing. Within the financial industry, AI has been deeply embedded in various links, from bank credit approval, securities investment transactions to insurance underwriting and claims settlement, optimizing business processes and improving operational efficiency. In terms of cross-industry integration, the combination of finance and medical care, education, manufacturing and other industries is increasingly close. For example, in the field of financial and medical integration, AI helps financial institutions to provide more accurate financing solutions for medical institutions, while designing personalized health insurance products for patients through the analysis of medical data; In the integration of finance and education, AI helps financial institutions assess the credit risk of education and training institutions, provide reasonable education loan programs for students and parents, and plan pension investment for education practitioners through intelligent investment advisory.

In the financial market, the application of AI has widely covered various key links such as intelligent investment advisory, market analysis, risk assessment and management, asset allocation, intelligent customer service, intelligent customer acquisition and marketing, and market prediction. Moreover, AI continues to optimize the operation mode of financial investment, gradually transforming from the traditional human-led investment decision to the intelligent investment mode of human-computer collaboration, and improving the scientific and accurate



investment decision. At the same time, AI is also subverting the value of returns. By innovating financial product design, exploring new investment opportunities and improving market operation efficiency, it creates more diversified returns for investors and promotes the development of the financial market to a higher level and a more dynamic direction.





1.3 AI drives the transformation of securities investment market

With the rapid development of AI technology, the application of AI in the market has become a new trend. Investors have begun to use AI for investment, trading, quantification and risk management, etc. The deep integration of securities investment and fintech with AI has driven the market into a new era.

1) Intelligent innovation of investment decision making

- Expansion of data processing dimensions: Traditional securities investment decisions are highly dependent on structured data such as price, trading volume and corporate financial statements. The intervention of AI technology breaks this data limitation. It can efficiently process massive and multi-source data, including unstructured data such as news reports, social media opinions, macroeconomic data and industry dynamics. Through machine learning and deep learning algorithms, AI can discover hidden patterns, trends and associations from these complex data. For example, sentiment analysis of discussions about a company on social media can provide insight into the market's expectations of the company in advance, providing more comprehensive information to support investment decisions.
- Accurate upgrade of market forecasting: Based on deep learning of a large amount of data, AI models can accurately capture complex non-linear relationships and laws of the market, so as to predict stock price trends and market trends more accurately. Quantitative investment companies use AI models to predict short-term stock fluctuations, providing decision-making basis for high-frequency trading; Long-term investors rely on AI to analyze the impact of macroeconomic cycles on the stock market, formulate reasonable asset allocation strategies, and greatly improve the scientific nature of investment decisions.

2) Automated changes in trade execution

- High frequency trading efficiency leaps: High frequency trading relies on AI and low latency technology to complete trading decisions and execution in milliseconds or even microseconds. AI algorithms are like tireless market



hunters, monitoring the subtle fluctuations of market prices in real time, quickly capturing fleeting trading opportunities, and conducting a large number of trading operations in a short period of time, greatly improving trading efficiency and enhancing market liquidity.

- Intelligent order execution optimization: Institutional investors adopt AI-based intelligent order execution system, which can intelligently adjust order execution time, size and price according to real-time market conditions. When executing large-scale orders, the system comprehensively analyzes market depth, liquidity, buying and selling pressure and other factors, divides large orders into small orders and executes them step by step, avoids having a big impact on market prices, effectively reduces transaction costs, and makes the execution of trading strategies more flexible and accurate.

3) Intelligent upgrade of risk management

- High efficiency of risk identification and early warning: the AI system can monitor market dynamics and portfolio changes in a real-time and comprehensive manner, and through rapid analysis of massive data and complex model calculation, timely find potential risk factors, such as increased market volatility, deterioration of the company's financial condition, and intensifying industry competition, and quickly issue early warnings to investors.

Compared with traditional risk monitoring methods, AI data processing and analysis can respond faster, so that investors can take countermeasures in advance and reduce risk losses.

- Refined risk assessment and control: AI builds complex risk assessment models, accurately and quantitatively evaluates portfolio risks, and provides precise indicators such as value at risk (VaR) and expected loss (ES). Based on the evaluation results, AI algorithms automatically adjust asset allocation, reduce risk exposure, and ensure that portfolio risks are always under control.

4) Personalized reshaping of investment services

- Intelligent investment adviser customization service: AI intelligent investment adviser uses algorithms to customize personalized investment portfolio



solutions for investors based on investors' risk tolerance, investment goals, financial status, investment preferences and other personal information, and dynamically adjusts them according to market changes and investors' own situation. For example, when planning children's education funds for young office workers, combined with their income, assets and risk preferences, the investment portfolio including stock funds, bond funds and cash is constructed, and the allocation ratio is optimized in a timely manner.

- Intelligent customer service: AI intelligent customer service based on natural language processing technology can accurately understand investors' questions, quickly provide professional advice such as market analysis, stock recommendation, investment strategy interpretation, etc., to meet investors' individual needs and greatly improve investment experience.

To sum up, AI technology is penetrating into all aspects of the securities investment and trading market, bringing disruptive changes from investment decision-making to transaction execution, from risk management to investment services. With the continuous innovation and development of AI technology, it will certainly play a more critical role in the securities investment and trading market, create more value for investors, and promote the market to a more efficient, intelligent and personalized direction.





1.4 Broad market prospects

In the global wave of financial technology, AI has a very broad market prospect in the field of securities investment and trading, and is gradually reshaping the industry pattern.

Top international institutions have introduced AI trading into their own business systems. For example, Citadel Securities, the world's top market maker, has moved aggressively to seek software licenses from AI startups that use large language models, and even plans to buy stakes in them. To build partnerships, Citadel Securities hosted dinners in Silicon Valley with representatives of startups like ChatGPT developer OpenAI, hoping to use their data and models to develop new trading strategies. Ken Griffin, founder of its sister firm Citadel, a large hedge fund, is skeptical of the hype, but that hasn't stopped Citadel from exploring the AI trading space.

Not only that, Ton Foundation, a top institution in the field of blockchain, and FXCM, a world-renowned financial technology service provider, jointly create AI Trader, an intelligent trading platform. The platform takes "AIT-3" artificial intelligence system as the core, and generates dynamic trading strategies based on the deep learning framework of over 100 billion parameters through real-time analysis of multi-dimensional information. And has the ability of self-iteration. In the simulation of the second quarter of 2023, the win rate of BTC/USDT trading reached 82%, and the maximum pullback was controlled within 5%, showing the strong advantages of AI trading in practical application, which attracted many international financial institutions to follow suit.

From the market share point of view, the proportion of AI in the financial market continues to rise. InfoQ Research Center estimates that the size of the financial AGI market in 2024 is expected to reach 380 million US dollars, accounting for 13.1% of the overall AGI market size (enterprise side), which is more than 7 times the growth of 2023, and is expected to soar to 88.73 billion US dollars by 2030, maintaining a rapid growth of more than 100% for many years. As the pioneer in the application of AI in the financial industry, the financial industry accounted for more than 58% of the large model bidding projects in the first half of 2024. The main state-owned banks have completed the first round of large model bidding and entered the application, research and development and practice pilot



stage. In addition to banks, more than 100 enterprises covering traditional financial institutions, Internet financial service enterprises and other fields actively participate in the application practice of financial AGI, forming a diversified financial AGI application ecological map, promoting the deepening penetration of AI in the financial market and the continuous expansion of market share.

Market traders are also extremely optimistic about the application value of AI. In the investment decision-making process, AI can process massive multi-source data, excavate hidden patterns and trends, and help traders make more accurate decisions. In terms of trade execution, high-frequency trading uses AI and low-latency technology to complete decision-making and execution at the millisecond level and quickly capture trading opportunities, which allows traders to seize more fleeting profit opportunities. In terms of risk management, AI monitors the market and investment portfolio in real time, timely warns of risks and accurately evaluates them, helping traders cope in advance and reduce losses. Intelligent advisory and customer service provide traders with personalized investment portfolio solutions and intimate services to enhance trading experience. In actual operation, many traders found that after the introduction of AI tools, trading efficiency was significantly improved, and investment performance was also improved to varying degrees, which further enhanced their confidence in the continued application and development of AI in the field of securities investment and trading.

We believe that AI will have the following development trends in the field of securities investment and trading in the future:

- More accurate forecasting and decision-making: AI models will continue to be optimized to handle larger and more complex data, including more dimensions of unstructured data, such as satellite images, Internet of Things data, etc., so as to more accurately mine market trends, correlations and potential investment opportunities, provide a more comprehensive and accurate basis for investment decisions, and improve the accuracy and reliability of forecasts.
- Transaction efficiency continues to improve: Automated trading systems will be further developed, AI algorithms will be more intelligent, able to make and execute trading decisions in a shorter time, and capture more subtle trading opportunities. At the same time, the intelligent order execution system will be continuously optimized to better adapt to the dynamic

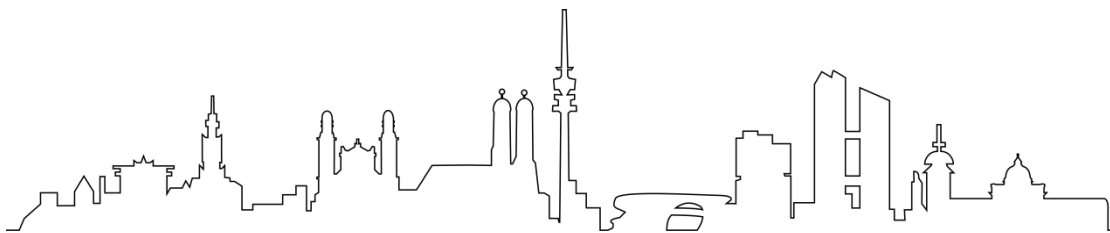


changes in the market, achieve more efficient order execution and reduce transaction costs.

- Personalized service deepening: Intelligent advisors will provide more customized investment portfolio solutions and dynamic adjustment suggestions based on investors' more detailed personal characteristics and market changes. Intelligent customer service will also be more intelligent, able to understand more complex investor issues, and provide more accurate, timely and personalized services, including in-depth market analysis, targeted stock recommendations and investment strategy interpretation, to improve investor experience and satisfaction.
- Cross-domain integration and innovation: AI technology will be deeply integrated with other emerging technologies such as blockchain, Internet of Things, big data and cloud computing, bringing more innovation and change to the field of securities investment and trading. For example, blockchain technology can improve the security and credibility of data, Internet of Things data can provide more real-time information for market analysis, and big data and cloud computing provide AI with more powerful data processing and computing capabilities.

With the continuous maturity of the technology and the continuous expansion of applications, the market size of AI in the field of securities investment and trading will continue to grow, more and more financial institutions and investors will adopt AI technology, its popularity will continue to improve, and become the mainstream trend of the industry.

Based on the above background, Global AI Securities Co.,Ltd. Based on the actual market conditions, Global AI Stock platform is created to inject new development momentum into the securities investment and financial technology market in the era of AI.





Chapter 2 an overview of Global AI Stock project

2.1 Introduction to Global AI Stock

The Global AI Stock platform is run by Global AI Securities Co.,Ltd. Led and built, it focuses on AI-driven securities investment and fintech solutions, providing intelligent investment advisory, quantitative trading and risk management. At the same time, Global AI Stock is committed to becoming the world's leading intelligent investment platform, helping investors achieve their financial goals and outstanding investment strategies through innovative technologies, leveraging advanced artificial intelligence and big data analytics to enhance decision-making, optimize asset allocation and reduce risks.

The intelligent investment advisory services provided by the Global AI Stock platform break through the limitations of the traditional investment advisory model. With the help of cutting-edge natural language processing technology, it can accurately understand the diversified questions and needs of investors. Whether it is about the impact of macroeconomic situation on investment, the development potential of a specific industry sector, or the request for in-depth analysis of a certain stock, the intelligent investment advisory system can respond quickly. Through the deep learning of massive financial information, market data and historical preferences of investors, it provides investors with highly targeted and forward-looking investment advice to help investors clear their direction in the complex and changeable securities market.

Quantitative trading is also one of the core businesses of the Global AI Stock platform. The platform uses advanced algorithmic models to monitor the trading data of major stock markets around the world in real time, from small fluctuations in stock prices to instantaneous changes in trading volume, taking into account any details that may contain investment opportunities. These algorithms can analyze and process massive market data in milliseconds, and automatically issue trading orders according to preset trading strategies to achieve high-frequency and efficient trading operations. In the ever-changing securities market, seize the fleeting trading opportunity to create rich returns for investors. At the same time,



quantitative trading can effectively avoid trading errors caused by human emotional factors, and ensure the objectivity and consistency of trading decisions.

Risk management is crucial in financial investment, and the Global AI Stock platform attaches great importance to it. Using advanced artificial intelligence and big data analysis technologies, the platform has built a comprehensive and multi-level risk management system. On the one hand, through real-time monitoring and in-depth analysis of multidimensional data such as market dynamics, macroeconomic indicators and industry competition pattern, potential risk factors are identified in a timely manner, such as the rise of systemic risks in the market and hidden financial risks of individual companies. On the other hand, the complex risk assessment model is used to accurately and quantitatively assess the risks of the investment portfolio, providing investors with key risk indicators such as value at risk (VaR) and expected loss (ES), so that investors have a clear and intuitive understanding of investment risks. Once the risk index exceeds the preset threshold, the platform can quickly start the risk control mechanism, automatically adjust the asset allocation of the investment portfolio, reduce risk exposure, and ensure the asset safety of investors.

Looking ahead, Global AI Stock will unswervingly continue to innovate. In terms of technological innovation, it will continue to invest resources in research and development of more advanced artificial intelligence algorithms, further improve data processing capabilities and analysis accuracy, and explore the combination of emerging technologies such as blockchain and artificial intelligence to bring new changes to securities investment and financial technology. In terms of service innovation, we continue to enrich the product lines and service types of the platform, and introduce more personalized investment solutions to meet the diversified needs of different investors at different investment stages and with different risk preferences.

Global expansion is also an important strategic direction for Global AI Stock in the future. The platform will gradually expand into the international market, establish in-depth cooperation relationships with financial institutions and stock exchanges around the world, break geographical restrictions, and provide quality financial services to more investors around the world. Through the construction of a localized operation team, the platform will have a deep understanding of the market characteristics, regulatory policies and investor needs in different regions, optimize the platform services targeted, and realize the organic combination of globalization and localization.



At the same time, Global AI Stock will vigorously promote the application of AI in the financial field. Actively participate in the formulation and improvement of industry standards, and promote the standardized application of AI technology in the financial industry. To carry out industry-university-research cooperation with universities and scientific research institutions to jointly train professional talents in the field of AI finance and inject new vitality into the sustainable development of the industry. By holding industry seminars, technical exchange activities and other forms, we will share the innovative application results and practical experience of AI in the financial field, promote the in-depth understanding and wide application of AI technology in the entire financial industry, and lead the global financial technology industry to a new height of intelligent development.



2.2 Global AI Securities Co.,Ltd.

Global AI Securities Co.,Ltd., a leading provider of equity and securities services, has always been at the forefront of the development of fintech and occupies an important position in the global financial market with its outstanding innovation capabilities and professional service level. Since its establishment, with the mission of "enabling investment through technology to enable global investors to enjoy efficient, safe and transparent financial services", Global AI Securities Co., Ltd. has



been deeply engaged in the field of financial technology and constantly promoted the change and development of the industry.

Global AI Securities Co.,Ltd. integrates artificial intelligence (AI) and big data analytics through the Global AI Stock platform to provide clients with accurate market insights and innovative investment strategies. At the same time, it drives the transformation of digital financial markets so that every investor can make informed decisions in an efficient, transparent and secure environment.

In driving the transformation of digital financial markets, Global AI Securities Co.,Ltd. Plays a vital role. The company is committed to fostering an efficient, transparent and safe financial investment environment in which every investor can make informed decisions. In terms of efficiency, through the advanced technical architecture and optimized business processes, the platform has greatly shortened the execution time of transactions, improved the efficiency of investment decisions, and enabled clients to grasp fleeting investment opportunities in a timely manner. In terms of transparency, the platform provides investors with comprehensive, accurate and timely market data and information disclosure, so that investors can know the details of investment products, market dynamics and real-time performance of investment portfolios at any time, ensuring a clear and transparent investment process. In terms of security, the company has built a multi-level and all-round security protection system, adopts advanced encryption technology to ensure the safe transmission and storage of customer data, and uses AI risk monitoring model to monitor transaction risks in real time, effectively preventing all kinds of potential risks, and escorting investors' asset safety.

In terms of globalization expansion strategy, the company plans to further expand the international market territory, establish closer cooperative relations with financial institutions and stock exchanges around the world, strengthen the construction of local operation team, deeply understand the market characteristics, regulatory policies and investor needs in different regions, and optimize service content and mode. To realize the perfect integration of globalization and localization, and to cover high-quality financial services to investors in more regions around the world. Up to now, the company has a global layout, business coverage of more than 120 countries and regions around the world, and has set up core offices in London, Los Angeles, Hong Kong, Vienna, Tokyo, Singapore, Toronto, Melbourne, Dubai and so on. Through its global layout, the company is becoming a global leader in the field of financial technology.



The company has comprehensive qualification certificates, including business license, financial certificate, stock certificate, etc. These qualifications are not only a strong proof of the company's legal and compliant operation, but also a symbol of the company's professional strength and credibility in the financial field. Global AI Securities Co.,Ltd. strictly abides by international financial regulatory standards and accepts the regular review and supervision of relevant authorities to ensure that all aspects of the company's operation are in line with industry norms and laws and regulations, so that investors can trust their assets with confidence.

OFFICE OF THE SECRETARY OF STATE
OF THE STATE OF COLORADO

CERTIFICATE OF DOCUMENT FILED

I, Jena Griswold, as the Secretary of State of the State of Colorado, hereby certify that, according to the records of this office, the attached document is a true and complete copy of the

Articles of Incorporation

with Document # 20201146630 of
Global AI Securities Co., Ltd.

Colorado Corporation

(Entity ID # 20201146630)

consisting of 3 pages.

This certificate reflects facts established or disclosed by documents delivered to this office on paper through 02/16/2020 that have been posted, and by documents delivered to this office electronically through 02/18/2020@ 01:58:34.

I have affixed hereto the Great Seal of the State of Colorado and duly generated, executed, and issued this official certificate at Denver, Colorado on 02/18/2020@ 01:58:34 in accordance with applicable law. This certificate is assigned Confirmation Number 17162432



Jena Griswold
Secretary of State of the State of Colorado

*****End of Certificate*****
Notice: A certificate issued electronically from the Colorado Secretary of State's website is fully and immediately valid and effective. However, as an option, the issuance and validity of a certificate obtained electronically may be established by visiting the Issuance of Certificate page of the Secretary of State's website: <https://www.coloradosos.gov/fo/certificateissuance> or by entering the certificate's confirmation number displayed on the certificate, and following the instructions displayed. Confirming the issuance of a certificate is merely optional and is not necessary to the valid and effective issuance of a certificate. For more information, visit our website: <https://www.coloradosos.gov/fo/certificateissuance> and select "Frequently Asked Questions."



Financial Crimes Enforcement Network
Department of the Treasury

MSB Registration Status Information

Date: 04/09/2025

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MSB Registration Number: 3100206500054

Registration Type: Initial Registration

Legal Name: Global AI Securities Co., Ltd.

DBA Name:

Street Address: 370 17th St.

City: Denver

State: COLORADO

Zip: 80202

MSB Activities:

Dealer in foreign exchange, issuer of money orders, issuer of traveler's checks, Money transmitter, Seller of money orders, Seller of traveler's checks

States of MSB Activities:

Alabama, Alaska, American Samoa, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Federated States of Micronesia, Florida, Georgia, Guam, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Marshall Islands, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Northern Mariana

Islands,

Ohio, Oklahoma, Oregon, Palau, Pennsylvania, Puerto Rico, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Virgin Islands, US, Washington, West Virginia, Wisconsin, Wyoming

All States & Territories & Foreign Flag: All States/Territories

Number of Branches: 0

Authorized Signature Date: 04/03/2025

Received Date: 04/03/2025





2.3 Core platform services

Based on AI technology, the Global AI Stock platform provides services for the market, including investment strategy formulation, accurate market analysis, risk management, etc.

1) Formulating investment strategies

Develop a personalized investment strategy based on your client's financial goals. Global AI Stock's AI-driven models provide real-time data and forecasts to help guide investment decisions.

Global AI Stock understands that each client's investment objectives, risk tolerance and investment horizon are different, and is therefore committed to providing a tailor-made investment strategy for each client. Its powerful AI-driven models enable real-time access to massive amounts of financial market data, covering multi-dimensional information such as macroeconomic indicators, industry dynamics, company financial conditions and more. Through deep learning algorithms and complex mathematical models, the platform is able to accurately predict market trends and asset price movements, providing strong support for investment decisions.

For example, for a young investor with a high risk tolerance, Global AI Stock might recommend a higher allocation to technology stocks and emerging market assets in pursuit of higher long-term returns; For an investor approaching retirement, the platform would place more emphasis on asset robustness and liquidity, recommending more bonds and blue chip stocks. At the same time, Global AI Stock will adjust its investment strategy in a timely manner according to changes in market conditions to ensure that clients' investment portfolios are always in the best condition.

2) Accurate market analysis

Combine technical analysis and fundamental analysis to provide clients with comprehensive market insights, including in-depth analysis of various markets, such as stocks, bonds, futures, etc.

Global AI Stock has a team of professional financial analysts who combine



advanced technical analysis tools with in-depth fundamental analysis methods to provide clients with comprehensive and accurate market insights. In terms of technical analysis, the platform uses a variety of classic technical indicators, such as moving averages, Relative Strength indicators (RSI) and Bollingbands, to identify market trends and potential buy and sell signals through the analysis of historical price and volume data. In terms of fundamental analysis, Global AI Stock delves into factors such as a company's financial statements, competitive advantages, management team and industry outlook to assess its intrinsic value and long-term development potential.

In addition, the platform conducts in-depth analysis of major financial markets around the world, including the stock market, bond market, futures market, foreign exchange market, as well as the cryptocurrency market. By comparing the valuation levels, liquidity conditions and macroeconomic linkages of different markets, the platform helps clients grasp the best investment opportunities and optimize asset allocation.

For example, when analysing a technology company, Global AI Stock not only looks at its share price movements and trading volume changes, but also delves into fundamental factors such as its R&D investment, patent count, market share and future growth potential. At the same time, the platform also assesses the overall outlook of the industry in which the company operates in combination with the macroeconomic environment, such as interest rate levels, inflation expectations and policy direction, in order to provide comprehensive and in-depth investment advice to clients.

3) Risk management

Global AI Stock regularly stress-tests its portfolio to simulate how it will perform under different market scenarios in which it invests. This helps to assess potential extreme risks and prepare clients in advance for any challenges that may arise.

Risk management is one of the core services of Global AI Stock. The platform understands the complexity and uncertainty of potential risks in the investment process, and therefore adopts advanced risk management tools and techniques to safeguard clients' portfolios. Global AI Stock regularly conducts stress tests on portfolios to simulate their performance under different market scenarios, including extreme scenarios such as economic recession, large fluctuations in



interest rates, and market panics.

Through the stress tests, the platform is able to assess the portfolio's potential losses under these extreme scenarios and adjust the portfolio's asset allocation to reduce risk exposure based on the test results. At the same time, Global AI Stock also uses methods such as value at risk (VaR) model and scenario analysis to monitor and dynamically manage the risk level of the portfolio in real time.

For example, when there are large fluctuations in the market, the platform will promptly remind clients to adjust their portfolios and increase the allocation proportion of defensive assets, such as gold and Treasury bonds, to hedge risks. In addition, Global AI Stock will also provide customers with personalized risk management solutions according to their risk appetite and investment goals, helping customers effectively control risks and ensure the realization of investment goals while pursuing investment returns.



2.4 Platform service features

Relying on intelligent investment strategies, personalized investment plans, efficient customer support and services, Global AI Stock has formed its own core competitive advantages.

- Intelligent Investment strategies: Using artificial intelligence (AI) elements and big data analytics, Global AI Stock provides precise market insights to



help clients make informed investment decisions. Global AI Stock's AI-driven models automatically adjust strategies based on market data to optimize investment returns.

- Personalized investment plans: Global AI Stock is tailored to each client's needs, risk tolerance, and financial goals. Whether it's long-term investing, short-term trading, or special asset allocations, we offer customized solutions.
- Efficient customer support and service: With professional customer support available 24/7, Global AI Stock provides timely and professional service assistance. Whether it is account management, trading advice or investment advice, Global AI Stock ensures that clients' needs are addressed quickly.

In addition, Global AI Stock has a comprehensive and proven service process to ensure that the client's investment process is efficient and transparent:

- Setting investment objectives: Setting clear investment objectives is the first step in developing an investment plan. Investment goals should be specific, measurable and actionable, and include both short - and long-term goals. For example, the short term goal might be to achieve certain asset appreciation, while the long term goal might be to save enough money for retirement. Global AI Stock engages in in-depth communication with clients to help them clarify their investment goals and develop investment strategies accordingly based on those goals.
- Risk assessment: Investors need to understand and assess their risk tolerance, i.e. how much volatility in their assets they can tolerate and the potential losses they may face. Global AI Stock offers professional risk assessment tools to help clients gain a comprehensive understanding of their risk appetite. Through questionnaires, financial analysis and other means, the platform is able to accurately assess clients' risk tolerance and adjust their portfolios accordingly.
- Asset allocation: Investment funds should be allocated to different asset types based on risk tolerance, financial goals and market outlook. Proper asset allocation helps to spread risk and optimise returns. Global AI Stock's AI model recommends the optimal asset allocation scheme based on market dynamics and clients' specific circumstances. For example, during times of



high market volatility, the platform may recommend that clients increase their allocation to defensive assets.

- **Regular review and adjustment:** The portfolio needs to be regularly reviewed and adjusted in response to changes in the market and adjusted accordingly as personal goals are modified. By regularly reviewing the performance of the portfolio, Global AI Stock ensures that it is aligned with its stated objectives and responds to market changes in a timely manner.

For example, if new investment opportunities arise in the market or a client's investment objectives change, the platform will adjust the portfolio in a timely manner to ensure that the client's investment strategy remains optimal at all times.

- **Tax and legal considerations:** Proper tax planning can effectively reduce tax burden and ensure maximum return on investment. Global AI Stock provides professional tax and legal advisory services to help clients optimise their tax planning. For example, the platform will recommend suitable tax-preferential investment products based on a client's tax status.
- **Market monitoring:** Continuous monitoring of market dynamics and trends is essential to adjust investment strategies. Global AI Stock's AI models track market changes, economic indicators and industry developments in real time to provide clients with real-time market analysis and investment recommendations. In this way, clients can keep abreast of market dynamics and make informed investment decisions based on the latest market information.

With its excellent service and advanced technology, Global AI Stock has been widely praised and recognized in the global market. Currently, Global AI Stock has more than \$380 billion in assets under management and serves more than 10,000 institutional clients. In addition, the platform has won 92 global awards, fully attesting to its leading position and expertise in the fintech sector.

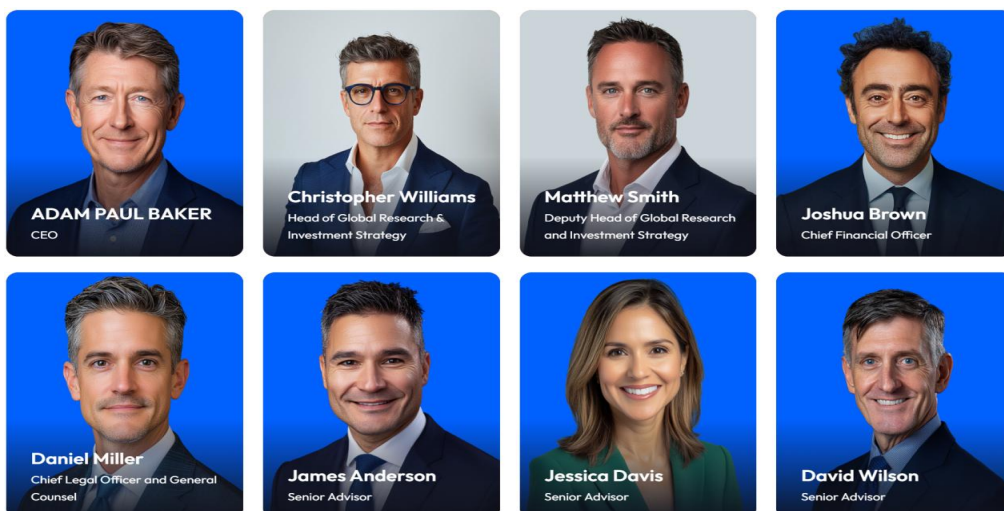


Chapter 3 Top Team and strategic cooperation

3.1 Team Overview

Global AI Stock's team of finance, technology and data science experts is committed to delivering efficient, secure and intelligent financial services. The Global AI Stock platform brings together an elite team of finance, technology and data science experts. With rich industry experience and keen market insight, financial experts conduct in-depth research on global financial market trends and formulate a scientific and reasonable investment strategy framework to ensure that the investment direction of the platform is closely aligned with market development trends.

The technical experts of Global AI Stock focus on the research and development and application of cutting-edge technologies, constantly optimize the platform's algorithm model, trading system and data processing architecture, and improve the platform's operating efficiency, stability and security. Data science experts are responsible for mining and analyzing massive financial data to provide solid data support for investment decisions and risk assessment, and extract valuable information and rules from the data to help the platform stand out in the highly competitive financial market. These experts from different fields work closely together and leverage their professional strengths to provide efficient, secure and intelligent financial services to investors around the world.





3.2 Introduction to the core members

Adam Paul Baker - Founder and CEO

Adam Paul Baker is Global AI Securities Co., Ltd. Is President and Chief Executive Officer and a member of the board of directors. BAKER, who has a nearly 35-year career in business information, finance and risk, has been the CEO of Global AI Securities Co., Ltd since 2020. Adam Paul Baker is one of the fastest growing public companies in the field and has been an integral part of the firm's growth and development. In his role as head of Corporate Development, BAKER built the company's analytics business, which now accounts for more than half of the company's revenue, and significantly expanded the company's global ratings business. Adam Paul Baker is a graduate of the University of Virginia and Cornell University's Johnson Graduate School of Management whose leadership skills are based on empathy, authenticity, and accessibility. He and his wife are the proud parents of two young children and he is an avid runner and outdoorsman.

Christopher Williams - Head of Global Research & Investment Strategy

Christopher Williams is Chief Strategic Development Officer at Global AI Securities Co., Ltd, where he oversees global corporate development and strategy, acquisition integration management, venture capital, and the firm's executive client engagement program. He also serves on the board of Directors. Christopher Williams holds a bachelor's degree in the political economy of Industrial Society from the University of California, Berkeley, and a master's degree from the University of Chicago. He also holds the title of Chartered Financial Analyst.

Matthew Smith - Associate Head of Global Research and Investment strategy

Matthew Smith has served as Deputy Head of Global Research and Investment strategy since 2020. Prior to that, he held a number of leadership roles in sales, product development and marketing. He has been with the company since 2020. Matthew Smith holds a bachelor's degree in economics and business administration from the University of Notre Dame and an MBA in Finance, Marketing and International Business from New York University's Stern School of Business.



Joshua Brown - Chief Financial Officer

Joshua Brown is Global AI Securities Co., Ltd. LTD. 's Chief Financial Officer (CFO), responsible for leading global financial institutions including accounting and controls, financial planning and analysis, financial systems, investor relations, strategic sourcing, and tax and Treasury. Prior to joining Global AI Securities Co., Ltd., Joshua Brown served as CFO of Dayforce(formerly Ceridian) and spent 12 years in financial leadership positions at SAP. Joshua Brown holds a Master's degree in Finance and Accounting from Nantes Business School (now Audencia) and a degree in international finance from American University. He is a Certified public accountant and fluent in English, French, and Spanish.

Daniel Miller - Chief Legal Officer and general counsel

Daniel Miller is General counsel at Global AI Securities Co., Ltd, where he oversees the global legal and compliance functions. Prior to joining Global AI Securities Co., Ltd, he was a corporate attorney at Wilson Sonsini Goodrich& Rosati LLP in Silicon Valley where he represented numerous public and private high-tech companies in venture capital mergers and acquisitions and capital markets transactions. He also held senior in-house legal positions at a number of fintech, software and venture capital firms and clerked for Judge David M. bel of the U.S. Court of Appeals for the 10th Circuit. Daniel Miler received his bachelor's degree from the University of California, San Diego, and his law degree from the University of California, San Francisco School of Law.

James Anderson - Senior Advisor

Mr. James Anderson has over 20 years of experience in fintech and artificial intelligence, focusing on AI-driven investment strategies and financial market analysis. He has held key positions in a number of international investment banks and has in-depth knowledge of algorithmic trading, financial risk control and intelligent investment advisors. He has advised companies on strategic optimization of AI trading systems, researched the application of AI in securities investment and market forecasting, and participated in the development of regulatory compliance and risk management plans

Jessica Davis - Senior Advisor

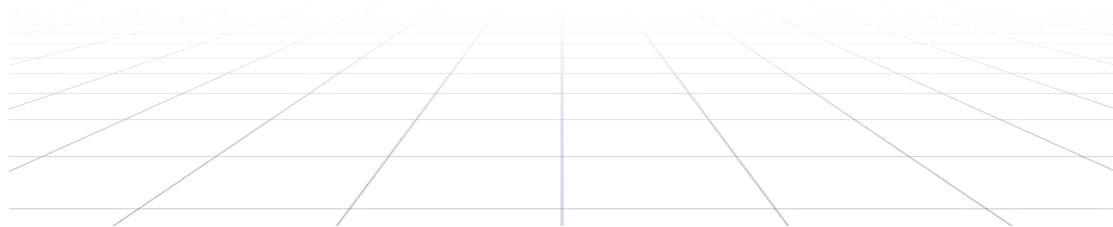
Jessica Davis is an expert in the field of financial AI, focusing on machine



learning, blockchain finance, and the development of intelligent asset management systems. He has worked at a number of technology and finance companies, leading many AI finance projects and driving innovation in the industry. He has led machine learning teams to optimize risk assessment models and researched the combined application of blockchain and artificial intelligence in financial markets.

David Wilson - Senior Advisor

Mr David Wilson is a fintech and artificial intelligence expert in portfolio investment with 28 years of industry experience. He has in-depth research in machine learning, quantitative trading, risk management and blockchain finance, and has held key positions in a number of top international investment banks and technology companies. His expertise is in using artificial intelligence technology to optimize investment portfolios, improve trading efficiency, and provide smart financial solutions to clients worldwide. Mr. David Wilson holds a Master's degree in Computer Science and Financial Engineering. He led the team that developed a big data risk control system to improve the risk management capabilities of investment portfolios.



3.3 Introduction to the technology development team

The following is the profile after regenerating and optimizing the name:

Daniel Carter -- A leading expert in data science, Daniel Carter has held key positions at some of the world's leading companies, including Microsoft, Amazon, Google, and IBM. He has published more than 100 academic papers on computer science, Internet technology and blockchain, and his research has been widely influential in the industry. Daniel has extensive management experience as an



executive in data departments at companies such as IBM, Amazon and Google. He has a deep insight into Web3 data management technology and big data analytics, and is able to provide cutting-edge solutions to the industry.

Aarav Patel - Senior programmer, holds a PhD in computer science from Caltech. He has a deep professional background in blockchain technology applications and decentralized finance (DeFi). Aarav has accumulated rich experience in parallel computing of big data and optimization of distributed algorithms, and has conducted in-depth research in the fields of blockchain, cryptography and data mining, making important contributions to the development of related technologies.

Ethan Zhang - a PhD in quantum computing and artificial intelligence from the Massachusetts Institute of Technology (MIT) in the United States, has worked as a senior researcher and technical director at well-known companies such as Google, IBM and Microsoft. He has outstanding leadership and expertise in cutting-edge technologies such as blockchain, artificial intelligence and quantum computing, and is a leading expert in the field. Ethan's research results have driven the innovation and development of related technologies and set a benchmark for the industry.

Julia Kim is a senior engineer with extensive experience in the application of artificial intelligence technology, especially in the development of AI trading networks. She has 15 years of experience in the Internet industry, is proficient in multiple programming languages, and specializes in designing highly available massive high-concurrency architectures. In addition, Julia has extensive experience in R&D management, and is able to effectively lead teams to complete complex project tasks.

Kevin Mitchell -- Kevin Mitchell is a senior security engineer with over 10 years of risk control experience at several top technology companies. He specializes in applying scientific, rigorous and thorough risk control audit standards and methods to comprehensively evaluate the authenticity of trading post customers' data, transaction risk, customer transaction history and digital asset control ability. Through professional risk control methods, Kevin is able to effectively prevent the occurrence of bad transactions and ensure the safe operation of the platform.



3.4 Strategic partner

Global AI Stock has gained the support of top global strategic partners including BainCapital, HILLHOUSE, OAKTREE, crypto.com, Redpoint, etc.



Bain Capital (Bain)

Founded in 1984, Bain Capital is a leading global private equity and alternative asset manager with more than \$150 billion in assets under management in private equity, credit investments, real estate and public markets. As an industry benchmark, Bain Capital is known for its deep industry insights and operational capabilities, and its expertise in restoring corporate value through structural changes, including the acquisition of consumer giants such as Burger King and Domino's Pizza, as well as its long-term positioning in the technology and healthcare sectors. Its Global Special Opportunities Fund closed \$9 billion in 2024, making it one of the world's largest investment platforms for distressed assets, underscoring its ability to capture value in complex market environments. Bain Capital's investment philosophy emphasizes "active management" to help companies achieve sustainable growth while generating outsize returns for investors by integrating strategic advice, operational optimization and capital allocation.

HILLHOUSE (Hillhouse)

Hillhouse Capital, founded by Zhang Lei in 2005, is one of the largest private equity firms in Asia with assets under management of more than 600 billion yuan and is known for its "long-term" investment philosophy. Its investment territory spans across the consumer, technology, healthcare, carbon neutral and other fields, with early bets on Internet giants such as Tencent and JD.com. In recent years, it has focused on biomedicine (such as Beigene), hard technology (such as Ningde Times) and innovative consumption (such as Gengenforest). Hillhouse is not only a financial investor, but also helps enterprises break through the boundaries through resource integration, technology empowerment and global network, such as promoting the digital transformation of Belle International and participating in the mixed reform of Gree Electric Appliances. In 2025, Hillhouse will continue to



increase its strategic track such as AI and semiconductor, and launch the "Carbon neutral Technology Innovation Fund", committed to promoting industrial upgrading and social sustainable development through capital strength.

OAKTREE (Oak Capital)

Founded in 1995 and headquartered in Los Angeles, Oaktree is the world's largest distressed asset investor with more than \$120 billion in assets under management. Its core business focuses on distressed debt, special opportunities and credit markets. It is known for rigorous risk assessment and contrarian investing strategies. Founder Howard Marks' books such as "Cycles" and "What Matters Most in Investing" have influenced value investing philosophy. In 2019, Oaktree was acquired 62 percent by Brookfield, a global alternative asset management giant, but has remained an independent business focused on credit and private markets. After the integration, Oaktree leveraged Brookfield's infrastructure and real estate resources to further expand its private credit and structured finance business, especially in areas such as energy transition and emerging market debt, and became an important force in the global alternative investment field.

crypto.com

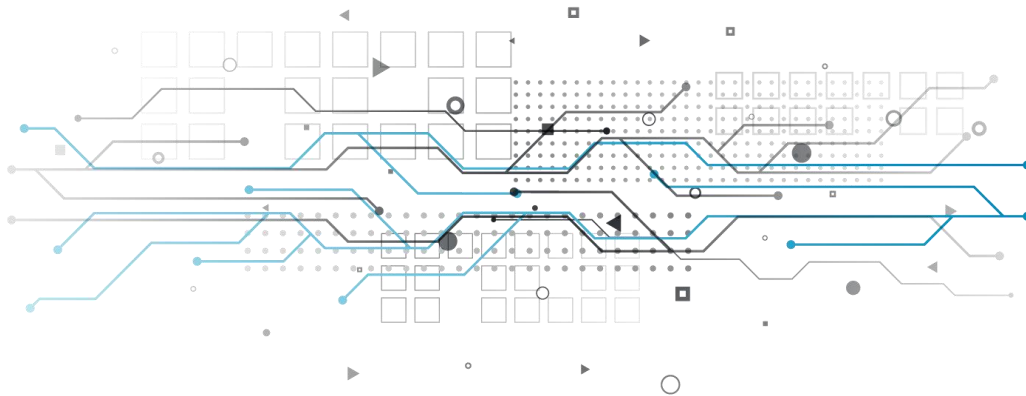
Founded in 2016 and headquartered in Singapore, crypto.com is the world's leading cryptocurrency trading platform, supporting the trading of over 250 crypto assets, with users covering more than 100 countries and over 5 million daily active users. Its core businesses include spot and derivatives trading, crypto payments (such as debit cards in partnership with Visa), institutional services and DeFi ecosystem layout. In 2024, crypto.com cooperated with Ingenico to launch the world's first "cryptocurrency-fiat seamless settlement" solution to help merchants accept mainstream cryptocurrency payments such as BTC and ETH, and reached a cooperation with the Argentine government to obtain a local virtual asset service license in March 2025, further expanding the Latin American market. The platform takes security and compliance as the core, uses cold wallet to store 98% of user assets, and has passed ISO 27001 certification, becoming an important bridge between traditional financial institutions and the crypto field.

Redpoint (Red Dot Investment)

Founded in 1999 and headquartered in Silicon Valley, Redpoint is one of the



world's top venture capital firms with more than \$6 billion in assets under management, focusing on early-stage technology investments. Its portfolio includes global unicorns such as YouTube, Splunk and Dropbox, and after setting up its Shanghai office in 2005, it has participated in investments in companies such as Qihoo 360, letou Games and XiaoHongshu. With technology-driven investment as its core, Red Dot focuses on frontier areas such as AI, cloud computing, semiconductors and biotechnology, and will set up the "Red Dot ACE Fund" in 2022 to specifically support Chinese entrepreneurs, focusing on the layout of next-generation technologies such as Web3.0 and quantum computing. Its investment strategy emphasizes "deep technology + market landing", for example, through the docking of industry resources to help the invested enterprises break through the commercialization bottleneck, in recent years in AI pharmaceutical (such as Insi intelligence), automatic driving (such as Momenta) and other tracks continue to increase, showing the accurate judgment of future technology trends.





Chapter 4: AI investment market module

Global AI Stock relies on AI technology, and on the basis of core stock trading and quantitative trading, diversified investment portfolios including ETFs, bonds, futures contracts, etc., in order to create sustainable returns for investors.

4.1 Stock Trading

The core business of Global AI Stock focuses on the field of stock trading, relying on advanced algorithms and deep analysis of massive data to accurately capture market trends in a dynamic and volatile market environment. The system integrates multiple information of the global financial market in real time, covering the full dimension data such as macroeconomic indicators and micro corporate financial reports. Through deep machine learning of historical transaction data, it realizes accurate prediction of stock price fluctuations, and completes trading decisions and execution at millisecond speed. No matter in the face of complex market shocks or sudden black swan events, it can help investors achieve scientific asset management through efficient automated strategy response, effectively avoid the interference of human emotions on investment decisions, show excellent stability and reliability in securities trading, and become an important tool to help stable returns in the capital market.

Global AI Stock builds a real-time market monitoring system through intelligent algorithms, continuously scans the intraday volatility spreads of stock prices, and creates high-frequency trading opportunities for investors. When the underlying securities trigger a preset buy and sell signal, the system will automatically execute trading decisions and support multiple band operations in a single day, aiming to realize the growth of available funds and the optimization of holding costs under the premise of maintaining the same number of holdings through dynamic position management.

Global AI Stock Stock trading system ADAPTS to three core customer groups:

- High net worth holders: For investors with multiple holdings and high



intra-day volatility of the underlying stock, AIT0 strategy can effectively capture the intra-day price fluctuation window and improve capital utilization efficiency;

- Locked position holders: suitable for passive long-term holdings but active trading of the underlying scenario, through time-band operation to accumulate returns, gradually diluting the cost of holding positions;
- Quantitative strategy developers: Without the need to set up a full-time T+0 team, they can seamlessly integrate AI day trading modules on the basis of existing strategies such as index enhancement and quantitative neutrality to achieve superposition and optimization of strategy returns.

In terms of technical architecture, Global AI Stock has built a full-stack intelligent trading system:

- AI core platform: Build enterprise-level underlying architecture, integrate industry-leading trading algorithms and automatic machine learning technology, and continuously improve model decision-making efficiency through hyperparameter optimization;
- Data infrastructure: integrate petabytes of standardized financial data and innovative investment data sets, support multidimensional data customization, and meet the needs of differentiated investment analysis;
- Factor mining system: built-in 2000 + basic factor library, relying on AI algorithm to dynamically derive and mine high-value factors to help identify potential market opportunities in advance;
- Strategy development tools: provide visual modeling environment, support modular strategy construction and deep integration of Python code, significantly shorten the development cycle of quantitative strategies;
- Intelligent optimization module: equipped with hyperparameter search, combinatorial optimizer, rolling training and other advanced functions, combined with attribution analysis tools, to provide professional investors with whole-process strategy iteration support;
- Fast trading engine: by tracking multi-market price spreads in real time,



setting an intelligent threshold trigger mechanism, automatically executing low absorption and high selling when the price deviates from a reasonable range, capturing instantaneous arbitrage opportunities in the market with micro-second trading execution ability, ensuring the organic unity of strategy stability and income efficiency.

Global AI Stock trading integrates cutting-edge AI technology and quantitative finance solutions, redefines the efficiency boundary of stock trading through data-driven intelligent decision making and whole-process automated operation, and provides customized intelligent trading experience for different types of investors.

Common Questions of Global AI Stock Trading:

- How do I open a stock account? Investors can register online through Global AI Stock's website, fill in the required personal information and complete identity verification. After submitting the necessary documents, the investor's account will be activated. For detailed steps, please refer to the account opening guide provided by Global AI Stock.
- How do I trade stocks? After logging into the account, investors can choose which stocks to buy or sell. Enter the amount, price, and confirm the trade. The trading platform will execute your order in real time and provide confirmation.
- What is the commission for stock trading? The commission depends on the type of account and the frequency of trading. Usually the commission is automatically deducted from each trade. For detailed fee information, investors can check Global AI Stock's website or contact Global AI Stock's customer support team.
- What types of stocks can be purchased? Investors can invest in domestic and international stocks, ETFs, mutual funds and other financial products. The list of tradable stocks can be viewed on the Global AI Stock platform, which also displays real-time market data, in the following ways.
- How do I view my stock portfolio? After logging into an investor's account, go to the "Portfolio" page, where the investor can view all the stocks held by the investor, their current market value, price changes, and other details.



- How do I deposit and withdraw money? Investors can deposit funds into the investor's transaction ledger card or e-wallet via bank transfer, credit. To make a withdrawal, simply provide the withdrawal amount and confirmation; The funds will be transferred into the way specified by the investor.



4.2 Quantitative Trading

Relying on AI technology to carry out quantitative trading of stocks, Global AI Stock has built a full-chain intelligent system covering data insight, strategy generation, transaction execution and risk control, deeply integrating the



advantages of artificial intelligence algorithms into the core links of quantitative investment, and reshaping the value paradigm of traditional quantitative trading.

1) AI-driven multi-dimensional data processing system

The Global AI Stock platform integrates petabyte-level heterogeneous data sources, covering not only traditional financial market data (real-time market conditions, financial reports, macroeconomic indicators), but also new unstructured data (such as social media sentiment, satellite remote sensing business data, industrial chain public opinion). It analyzes the semantics of news announcements and research reports through natural language processing (NLP), uses computer vision technology to process financial charts and industry image data, and builds dynamically updated three-dimensional data maps.

- Time series data modeling: Based on Long short-term memory network (LSTM) and Transformer architecture, it can capture the long-term dependence of stock price series and the immediate impact of market events, and realize feature extraction of minute-level and second-level high-frequency data;
- Cross-modal data fusion: Integrate enterprise correlation graph (ownership structure, supply chain relationship) and market sentiment data through graph neural network (GNN) to build nonlinear causality model and accurately identify event-driven trading opportunities.

2) Adaptive quantization strategy generation engine

The Global AI Stock platform breaks through the fixed rules of traditional quantitative models and realizes dynamic iteration and self-evolution of strategies:

- Automatic Machine Learning (AutoML) : Built-in more than 500 basic algorithm templates (random forest, gradient lifting tree, reinforcement learning, etc.), automatically search the optimal model combination through Bayesian optimization, generate customized strategies for different market environments (bull market, volatile market, bear market), such as automatically activating volatility arbitrage strategies in high-volatility markets, switching to statistical arbitrage grid trading in low-volatility markets;



- Factor engineering innovation: In addition to 2000 + traditional volume-price factors, the Global AI Stock platform uses AI to independently mine nonlinear derivative factors (such as order book depth change rate, public opinion emotion entropy) and dynamically screen effective factors through feature importance attribution analysis to solve the problem that traditional artificial factors lag behind the market;
- Strategy backtracking and stress testing: Generate 10,000 extreme market scenarios (such as stock crash, circuit breaker, black Swan event) based on Monte Carlo simulation to verify the robustness of the strategy and ensure the controllability of risks under rare historical market conditions.

3) millisecond intelligent trade execution network

The Global AI Stock platform relies on low-latency computing cluster and distributed architecture to create a fast trading closed-loop, realizing the automation of the whole process from signal capture to order transaction:

- Intelligent order routing: Monitor the liquidity and transaction costs of 30 + global exchanges and ECN (electronic communication network) in real time, and dynamically assign order splitting strategies through reinforcement learning algorithms to achieve an optimal balance between impact costs and transaction efficiency, such as using volume weighted average price (VWAP) splitting for large-cap stocks, and using iceberg orders to hide real trading intentions for small-cap stocks;
- Dynamic risk control mechanism: the Global AI Stock platform builds a multi-level risk firewall to monitor position concentration, volatility deviation and liquidity risk indicators in real time. When a single strategy retracement exceeds the preset threshold, it automatically triggers the policy circuit breaker mechanism and switches to a conservative hedging strategy to avoid systemic risk transmission;
- Cross-market arbitrage engine: The Global AI Stock platform uses AI to capture price mismatches in different markets (such as US stocks, Hong Kong stocks, A-shares) and different asset classes (stocks, options, futures) in real time. For example, when identifying ETF premium arbitrage opportunities, it synchronizes the purchase of A basket of component stocks and the selling of ETF in the secondary market through the optimal execution algorithm.



And compress the arbitrage time to less than 50 milliseconds.

4) Scenarioize solutions and user value

According to the needs of different investors, the Global AI Stock platform AI quantitative trading system presents diversified application forms:

- Institutional investors: Global AI Stock platform provides multi-strategy portfolio management, supports the combination of AI-generated trend tracking strategies and traditional fundamental quantitative models, dynamically adjusts the ratio through risk parity algorithm, and increases the Sharpe ratio under the premise of controlling the maximum retracement;
- Individual investors: the Global AI Stock platform launches intelligent advisory lightweight tools, which automatically generate intra-day T+0 strategies (such as the upgraded version of AIT0) based on users' risk preference and position structure, and display real-time trading signals and cost optimization effects through a visual interface to reduce the technical threshold of professional quantitative trading;
- High-frequency trading team: Global AI Stock platform open API deep docking interface, provide low latency data feed and strategy deployment environment, support users to connect their own models to the AI training framework, share the platform's factor mining and computing resources, forming a collaborative ecology of "data + algorithm + computing power".

4.3 ETF Market

In the layout of the ETF market, Global AI Stock extends the advantages of AI technology to the full life cycle management of exchange traded funds (ETFs), builds an intelligent ecosystem from target screening, portfolio construction to dynamic positioning, and accurately captures the structured opportunities and arbitrage space of the ETF market.

1) AI-driven multi-dimensional insight system for ETF



The Global AI Stock platform integrates cross-market ETF data sources, covering 20,000 + ETF products around the world, and realizes deep data analysis and intelligent classification through AI technology:

- Target penetration analysis: natural language processing (NLP) is used to disassemble ETF component weights, industry distribution and index compilation rules, and the association network between ETF and underlying assets is built with knowledge graph technology to track the fundamental changes of underlying assets in real time;
- Market sentiment modeling: capture the public opinion data about the underlying ETF sectors in social media, financial news and research reports, and quantify market expectations through sentiment analysis algorithms. For example, when the constituent stocks of a new energy ETF experience favorable policies, AI automatically evaluates the impact of rising sentiment on the ETF premium rate;
- Macro factor embedding: Input macro variables such as interest rate changes, exchange rate fluctuations and inflation data into the dynamic factor model to simulate the risk-return characteristics of various ETFs under different economic cycles, such as identifying the long-term risks of bond ETFs in advance during the interest rate hike cycle and recommending alternative strategies for short bond ETFs.

2) Intelligent ETF strategy generation and optimization engine

Global AI Stock has developed a customized strategy matrix for the low fee and high liquidity characteristics of ETFs, covering three core scenarios: allocation, trading and arbitrage:

© Asset allocation strategy

- Dynamic rebalancing model: Based on a reinforcement learning algorithm, the ETF allocation in a multi-asset portfolio is adjusted in real time based on the ETF's historical volatility, Sharpe ratio and market trends. For example, when the correlation between the CSI 300ETF and Nasdaq 100ETF breaks the threshold, the rebalancing is automatically triggered, reducing the portfolio volatility by 15%;



- Factor enhancement strategy: select factors strongly related to the ETF tracking index from 2000 + base factors (such as PEG factor of growth ETF and price-to-book factor of value ETF), build an excess return model through gradient Lift tree (GBRT), and historical backtest shows that the annualized excess return reaches 8%-12%.

© Intraday trading strategy

- Volatility capture strategy: Global AI Stock uses high-frequency data clustering algorithm to identify ETF intraday price volatility patterns. When the volume weighted average price (VWAP) deviates from the real-time price by more than 1.5 standard deviations, it automatically triggers low and high selling, with a strategy win rate of 68%, capturing 5-10 effective moves per day;
- Event-driven strategy: For cross-border ETFs (such as China concept Stock ETF and gold ETF), Global AI Stock integrates global market information through time-difference correction model, anticipates the impact of overnight external volatility on the opening price of domestic ETF in advance, and realizes arbitrage in the process of premium rate regression.

© Arbitrage strategy system

- Discount and Premium arbitrage engine: Global AI Stock monitors the deviation of ETF secondary market price from net worth (IOPV) in real time, and automatically splits orders when the premium rate exceeds a transaction cost threshold (e.g. 0.3%) : Start the positive arbitrage of "purchasing constituent stocks → selling ETF in the secondary market" for the physical redemption ETF, and execute the reverse arbitrage for the cash replacement ETF, the whole process takes less than 80 ms;
- Cross-market linkage arbitrage: Global AI Stock uses co-integration analysis algorithms to identify price mismatching of ETFs of the same subject in different markets (such as Hang Seng Technology ETF of Hong Kong stock and ETF tracking the same index of US stock), uses AI to predict the impact of exchange rate fluctuations on price spreads, and realizes dynamic positioning of cross-border arbitrage strategies.



3) AI-enabled ETF risk management and compliance system

- Real-time risk monitoring dashboard: Global AI Stock builds ETF-specific risk metrics matrix (tracking error rate, component concentration, liquidity coverage ratio), automatically triggers a diversification warning when the top five constituent stocks of an industry ETF are more than 60% held, and recommends alternatives to ETFs with the same theme but more balanced holdings;
- Stress tests and simulations of extreme scenarios: Based on the Generation of adversarial network (GAN), Global AI Stock simulates the impact of black swan events on ETFs (such as the global market circuit breaker caused by the epidemic and the sudden drop in a country's sovereign rating), evaluates the discount and premium volatility of ETFs and the risk of liquidity run under extreme circumstances, and helps investors set the stop loss/stop profit threshold in advance;
- Compliance intelligent adaptation: According to the regulatory requirements of different markets (such as the EU UCITS directive and the US ETF leverage limit), Global AI Stock automatically verifies the strategy parameters to ensure that the industry ratio and leverage ratio of the ETF portfolio comply with local regulations and avoid compliance risks.

4) Scenario-based ETF solutions

© Institutional Investors

- Index-enhanced ETF portfolios: Global AI Stock has customized AI-driven ETF pool for pension and asset management institutions. Through factor superposition and dynamic rebalancing, it achieves excess returns on the basis of tracking the underlying index. Historical backtest shows that the annualized tracking error is controlled within 0.8% and the information ratio is increased to more than 1.5;
- Cross-border ETF asset allocation: For QDII institutions, Global AI Stock integrates global macroeconomic data and geopolitical risk models to automatically recommend the allocation weights of ETFs in different regions, such as reducing the proportion of US Treasury ETFs and increasing emerging market equity ETFs in the narrowing cycle of Sino-US interest rate



differentials.

© Individual Investors

- Smart ETF Investment vehicles: According to the user's risk preference and cash flow, the AI dynamically adjusts the amount and frequency of the investment -- when the ETF price falls below the 200-day moving average, it automatically doubles the investment, and when it enters the overvalued range, it reduces the investment. The historical backtest shows that the return rate of the investment is 22% higher than that of the fixed amount strategy;
- ETF rotation strategy assistant: Global AI Stock displays the AI scores of different ETFs (trend strength, fund inflow, emotional heat) through a visual interface to help investors quickly capture the sector rotation, such as when the AI recognizes the "technical breakthrough signal" of semiconductor ETFs, it automatically pushes position adjustment suggestions.

© Quantitative teams and market makers

- ETF liquidity enhancement program: Global AI Stock provides AI-driven order book prediction model for market makers to predict the depth of order changes 300 milliseconds in advance, dynamically adjust quotation strategies, compress the bid-ask spread to less than 0.05%, improve market liquidity and reduce impact costs;
- API deep docking and strategy customization: Global AI Stock opens ETF special data interface (real-time IOPV calculation, dynamic update of component weight), supports quantitative teams to connect their own models to AI training framework, shares the platform's factor mining and computing resources, and accelerates ETF strategy iteration.



4.4 Bond Investment

Relying on AI technology, Global AI Stock has built a full-chain intelligent system covering interest rate analysis, credit evaluation, portfolio management and risk hedging. Aiming at the income stability and risk complexity of the bond market, it has created data-driven intelligent solutions to help investors obtain sustainable returns in the bond market.

The Global AI Stock platform integrates the exclusive data set of PB-level bonds, covering 200,000 + bond varieties (government bonds, corporate bonds, convertible bonds, ABS, etc.) in the world, and realizes three-dimensional insight into the bond market through AI technology:

- Macro interest rate modeling: Use long short-term memory network (LSTM) and Transformer architecture to process macroeconomic data (CPI, PMI, central bank policy signals), build a dynamic interest rate prediction model, and accurately capture the inflection point of 10-year US Treasury yield and 10-year Chinese Treasury yield. The historical backtest shows that the error rate of the forecast of the interest rate trend is 40% lower than the traditional model;
- Credit risk assessment: the graph neural network (GNN) integrates the equity structure, supply chain relationship and public opinion data of bond issuers, builds the enterprise credit knowledge graph, and updates the default probability (PD) and default loss rate (LGD) of bond issuers in real time. For example, when a company's supplier payment delay rate is more than twice the industry average, AI will automatically downgrade its credit score of bonds issued by the company;
- Intelligent parsing of terms: Natural language processing (NLP) is used to dismantle complex terms in bond prospectuses (such as conversion price adjustment mechanism for convertible bonds, interest rate reset clauses for permanent bonds) to generate standardized income risk characteristic labels, supporting the rapid screening of bond targets that meet specific strategy requirements.

Global AI Stock has also developed a customized strategy matrix for the



revenue sources of the bond market (coupon income, capital gains, leverage arbitrage), covering interest rate bonds, credit bonds, convertible bonds and other segments:

1) Interest rate bond trend strategy

- Dynamic duration optimization: Based on reinforcement learning algorithm, real-time adjustment of portfolio duration according to interest rate volatility and term structure slope. For example, when the AI judges that interest rates have entered a downward cycle, it automatically extends the portfolio duration to 7-10 years; If the interest rate hike is expected, the duration is quickly compressed to less than 3 years, and the historical backtest shows that this strategy increases the capital gains return of the interest rate bond portfolio by 25%;
- Yield curve arbitrage: Through the machine learning clustering algorithm to identify the abnormal deviation of the yield curve of government bonds with different maturities, capture the opportunity of riding effect (such as buying bonds with remaining maturities of 3 years and yields higher than the 2-year and 5-year interpolation), the annualized excess return of the strategy is stable at 3%-5%.

2) Credit enhancement strategy

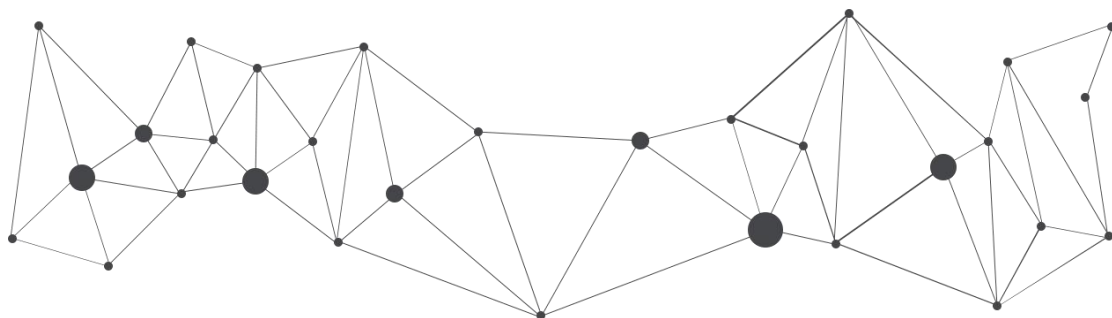
- Spread mining model: Select credit spread driving factors (such as EBITDA/interest cover multiple, operating cash flow/current liabilities) from 2000 + basic factors, combine with market sentiment factors generated by AI (bond primary market bid multiple, credit bond ETF fund flow), and build a forecast model for interest spread narrowing. To identify cost-effective credit bonds 60 days in advance;
- Default early warning and diversification: a default early warning system is established through integrated learning algorithm (Random Forest + XGBoost). When the main credit score of a bond drops for 3 consecutive months and the CDS price breaks the threshold, the risk bond replacement is automatically triggered. The historical backtest shows that this strategy reduces the default loss rate of the credit bond portfolio by 60%.



3) Convertible bond arbitrage strategy

- Clause game strategy: In view of the dual attributes of convertible bonds, AI calculates the conversion premium rate, Delta hedging ratio and other indicators in real time, and automatically executes the arbitrage of "buy convertible bonds + short positive stocks" when the volatility of positive stocks rises and the conversion premium rate is lower than -2%; If the down-revision clause expectation is triggered, the Monte Carlo simulation evaluates the improvement space of the conversion value after the down-revision, arranges the game downrevision opportunity in advance, and the annual return of the strategy reaches 12%-15%;
- Event-driven strategy: capture the market reaction of convertible bond issuance announcement, sell-back trigger, forced redemption decision and other events. For example, when a convertible bond enters the countdown to forced redemption and the conversion premium rate is negative, AI automatically calculates the optimal conversion time to avoid the discount loss caused by forced redemption.

By deeply combining AI technology with the yield characteristics and risk structure of the bond market, Global AI Stock breaks the limitation of traditional bond investment relying on empirical judgment, and builds a closed-loop system of "data insight - intelligent decision - accurate execution", so that investors can obtain excess investment returns.





4.5 Futures contract investment

Global AI Stock has deeply embedded AI technology into the futures contract market, built an intelligent trading system covering market prediction, strategy construction, risk control and cross-market linkage, and created a data-driven all-scene solution for the high-leverage characteristics and multi-dimensional arbitrage opportunities of the futures market. For investors to obtain sustained returns in the stock futures contract market.

The Global AI Stock platform integrates real-time data of 200+ futures exchanges around the world, covering 3000 + contract varieties such as financial futures (stock index futures, national debt futures, foreign exchange futures) and commodity futures (precious metals, energy, agricultural products), and realizes three-dimensional data analysis through AI technology:

- Multi-time scale modeling: Using long short-term memory network (LSTM) to process minute-level high-frequency trading data and capture short-term volatility characteristics of futures prices; Analyze the medium and long-term impacts of macroeconomic events (such as the Fed's interest rate hike, OPEC + production cut agreement) on futures varieties with Transformer architecture, and build a two-dimensional prediction model of "micro volatility - macro drive". Historical backtest shows that the intra-day trend prediction accuracy of the main contract of the CSI 300 stock index futures can reach 68%;
- Industrial chain data fusion: For commodity futures, it integrates upstream and downstream data of the industrial chain through knowledge graph technology (such as refinery operating rate and inventory change of crude oil futures, weather satellite data of agricultural futures, port loading and unloading volume), and evaluates the impact of supply and demand imbalance on prices in real time. For example, when AI detects that the rainfall in Brazil's main soybean producing areas is 30% below the historical average, it automatically raises the bullish expectations for soybean meal futures;
- Policy event analysis: Using natural language processing (NLP) to analyze unstructured data such as central bank monetary policy statements and new



industry regulations to quantify the impact of policies on the implied volatility of futures contracts.

Aiming at the leveraged trading and T+0 settlement characteristics of the futures market, Global AI Stock has developed a customized strategy matrix covering three core scenarios: trend tracking, arbitrage hedging and volatility trading:

1) Trend following strategy

- Dynamic multi-factor model: Select futures-specific factors (interest rate of change, fund flow acceleration, Bollingband breakout strength) from 2000 + base factors, and construct trend strength scoring system through gradient lifting tree (GBRT). When the "trend score" of a contract exceeds 80 points (full mark 100) for 3 consecutive K-lines, AI automatically triggers the opening of the position, and dynamically adjusts the stop-loss and stop-profit point with reinforcement learning algorithm. The historical backtest shows that the profit/loss ratio of this strategy in commodity futures reaches 2.5:1;
- Cross-variety linkage strategy: Identify the price deviation of strongly correlated futures (such as gold futures and silver futures, rebar futures and iron ore futures) through co-integration analysis algorithm, and start pairing trading when the price difference exceeds 2 standard deviations, such as "multi-gold - blank silver" arbitrage, the annual return of the strategy is stable at 15%-20%, and the Sharpe ratio is 1.8.

2) Arbitrage strategy system

- Intertemporal arbitrage engine: calculate the theoretical spread of futures contracts in real time (considering the cost of holding positions and the interest rate of funds), and when the actual spread deviates from the theoretical value beyond the transaction cost threshold, AI will automatically execute the arbitrage of "buy near-month contract + sell far-month contract". Taking Shanghai and Shenzhen 300 stock index futures as an example, the system increased the capture speed of arbitrage opportunities to 30 milliseconds, and the historical annualized arbitrage success rate reached 75%;



- Cross-market arbitrage: For international linkage varieties (such as LME copper and Shanghai copper, CME crude oil and INE crude oil), AI integrates exchange rate fluctuations, tariff policies and other variables to build a "risk-free arbitrage boundary" model, when the price difference between the internal and external orders breaks through the arbitrage range, automatically split orders to different exchanges, and synchronously complete cross-market hedging. And compress the arbitrage time to less than 50 milliseconds.

3) A volatility trading strategy

- Option volatility surface modeling: Machine learning algorithm is used to fit the implied volatility surface of futures options, identify the abnormal form of "volatility smile", and initiate volatility arbitrage (such as buying a straddle portfolio to hedge tail risk) when the skew of a contract exceeds 1.5 times the historical average;
- Event-driven volatility strategy: For certain events such as earnings season and Federal Reserve interest rate meeting, AI predicted the volatility expansion of the underlying futures contract 72 hours in advance, captured the volatility premium through "call option + dynamic Delta hedging", and the win rate of the strategy in VIX index futures reached 70%.

By deeply integrating AI technology with the leverage characteristics and long/short mechanism of the futures market, Global AI Stock has built a trading ecosystem of "data-driven decision-making, algorithm-based risk control and intelligent optimization efficiency". From the micro-second response of high-frequency arbitrage to the cross-cycle capture of long-term trends, from the precise adaptation of institutional hedging to the intelligent assistance of personal investment, AI is reshaping the logical paradigm of futures trading, opening a new dimension of scientific management and sustainable returns for investors with different risk preferences.



Chapter 5: Market control and investor protection

5.1 Transaction Support

Global AI Stock offers investors full support for trading through:

- Strategy Engine and execution architecture: Global AI Stock is equipped with automated strategy generation and dynamic position management system, built-in multi-dimensional risk level strategy module (ranging from conservative to aggressive), and supports user-defined risk appetite parameters. The system intelligently distributes order size and execution conditions based on real-time market data, and realizes dynamic optimization of policy parameters and adaptive adjustment of replenishment logic through cloud distributed computing.
- Multi-variety parallel monitoring: Global AI Stock supports the parallel running of strategies of hundred-level trading varieties, adopts independent thread technology to realize real-time monitoring of multi-targets, automatically scans the depth of order book, calculates the trigger conditions of the strategy and tracks the execution status of the trade, ensuring the timeliness and stability of the strategy response.
- Dynamic profit stopping mechanism: Global AI Stock builds an intelligent tracking profit stopping model and triggers the dynamic profit stopping logic through a preset income threshold: When the profit of the position target reaches the target proportion, the system automatically starts the tracking stop loss function to lock the floating income in real time; If the price continues to rise, it will update the stop profit point synchronously, and execute the liquidation according to the preset rules when the price drops, so as to achieve the steady accumulation of profits.
- Minimalist interaction design: Global AI Stock develops a standardized strategy configuration interface that supports a one-click operation process: users only need to enter position size, underlying varieties and risk preference parameters to quickly generate customized trading strategies and start automated operations. The design significantly lowers the technical



barrier to quantitative trading, making it efficient for beginner investors.

- Real-time risk response: Global AI Stock integrates dynamic open position and delayed cover order algorithm, sets intelligent callback threshold (such as preset 1% correction range) for the downward trend, and automatically delays fill order if the price does not reach the target level to optimize open position cost; Built-in waterfall fall protection mechanism, when the price fluctuation breaks the risk threshold within 5 seconds, the system automatically terminates the filling operation, strengthening the risk control ability under extreme market conditions.
- Core algorithm innovation: Global AI Stock independently develops a multi-factor strategy engine, which integrates market sentiment analysis, price series modeling and fund flow data to realize intelligent decision of position distribution and fund allocation. Optimize Martingel arbitrage strategy for bear market environment, avoid high order backlog by dynamically adjusting opening interval and covering point, and build a stable return model with controllable risk.

5.2 Market control

Through AI technology, Global AI Stock has formed accurate market insight and innovative investment strategy capabilities to realize the control of securities trading. That is, Global AI Stock relies on AI technology to build a full-dimensional market control system that runs through market dynamic capture, strategy intelligent adaptation, and risk forward-looking management. Through data-driven deep cognition and real-time response ability, Global AI stock creates a return guarantee for investors across the cycle.

1) Dynamic market perception system: three-dimensional insight from signal capture to trend prediction

The Global AI Stock platform builds a millisecond-level market neuroperception network to realize real-time deconstruction of the microstructure and macro context of the stock market:



- In-depth analysis of order flow: real-time tracking of Level-2 transaction data of global exchanges, identifying the behavior patterns of institutional large orders, algorithmic trading orders and retail orders through machine learning clustering algorithms, and building a "heat map of capital flow". When the institutional net buying volume of a sector accounts for more than 60% for 30 consecutive minutes and the price does not rise significantly, AI will automatically mark it as a "potential value depression" and arrange the left side of the transaction in advance.
- Quantitative modeling of policy effects: Using natural language processing (NLP) to analyze unstructured information such as the central bank's monetary policy and new regulations of industry supervision in real time, and establish a "policy-market transmission model".
- Intelligent identification of economic cycle: Integrate 200+ macro indicators such as GDP growth rate, PMI and CPI, match historical economic cycle patterns through dynamic time warping (DTW) algorithm, and judge the current stage of the market in real time (boom, stagflation, recession and recovery).

2) Strategy adaptive engine: Paradigm innovation from static rules to dynamic evolution

Global AI Stock breaks through the fixed framework of traditional strategies, builds a real-time evolutionary strategy ecology, and realizes accurate response to market changes:

- Multi-strategy hot swap mechanism: Preset 50 + strategy templates (trend tracking, mean regression, event driven, etc.), AI automatically switches the optimal strategy according to real-time market volatility and liquidity indicators. When the VIX index of US stocks is higher than 25, the system automatically deactivates the high-leverage trend strategy, enables the volatility arbitrage and cross-variety hedging combination, and increases the strategy sharpe ratio to more than 2.0.
- Factor dynamic recombination algorithm: For different market styles (growth stocks dominate, value stocks rebound), AI dynamically selects core driving factors from 800 + effective factors (such as PEG focus in growth stocks, R & D expense rate, strengthen PB, dividend rate in value stocks), and optimizes



factor weights through genetic algorithm. The response speed of the strategy to the market style switch is shortened to 15 minutes.

- Smart order splitting strategy: AI automatically selects the best order type (limit order, market order, iceberg order) based on underlying liquidity, impact cost and price trend. For small-cap stocks with an average daily turnover of less than 10 million, the "split order + time-weighted" strategy is adopted to reduce the slip point cost by 40%; For large-cap blue chips, "volume weighted average price (VWAP)" is used to split, ensuring a balance between transaction efficiency and cost.
- Enhanced cross-time arbitrage: Global AI Stock uses AI's prediction of overnight external volatility and exchange rate changes to implement "asynchronous market arbitrage" on cross-border targets. When the US stock market closes up but the RMB depreciates more than expected, AI automatically adjusts the arbitrage position after the opening of the Hong Kong stock market the next day, increasing the success probability of cross-market arbitrage to 75 percent.

3) Investor behavior enhancement system: accurate adaptation from group game to individual empowerment

Through the investor behavior portrait technology, Global AI Stock realizes the personalized output of market control ability:

- Dynamic modeling of risk appetite: Analyze historical trading data, holding time, stop-loss and stop-profit habits of users, build a three-dimensional risk portrait (risk tolerance, income expectation, trading frequency), and match customized strategies in real time. For high-frequency trading users, AI focuses on providing intraday volatility capture strategies, with a win rate of 62%; For long-term allocation users, it outputs cross-cycle asset allocation schemes, with historical annualized returns stable at 8%-12%.
- Public opinion driven sentiment management: Monitor the emotional heat and divergence of opinions discussed in investor communities and stock bars. When the "retail bullish ratio" of a certain underlying stock exceeds 70% and institutional holdings decline, AI automatically triggers a "reverse indicator" warning, prompting users to cautiously chase higher.



- Intelligent investment education assistance system: For market novices, AI generates "investment behavior diagnosis report" through simulated trading data, points out problems such as excessive trading and emotional stop loss, and recommends appropriate learning modules (such as "Introduction to trend trading" and "option risk control").

4) Ecological synergy enablement: Value symbiosis from single point breakthrough to network effect

Global AI Stock builds a multi-win investment ecology through ecological market control ability:

- Exchange data direct connection network: Global AI Stock establishes real-time data channel with 30 + exchanges around the world to obtain millisecond level market and trading depth information. Combined with AI's order flow prediction model, Global AI Stock provides intelligent quotation suggestions for market makers, improves market liquidity by 20%, and reduces trading slip cost for investors.
- Industrial chain data alliance: Global AI Stock integrates satellite remote sensing, supply chain ERP, customs import and export and other third-party data to build an "industry-securities" transmission model. When AI monitors that the inventory of a chemical port has dropped by more than 10% for two consecutive weeks, it automatically pushes the volume and price change signal of the relevant target to the investors in the industrial chain, and the average market reaction time is 24 hours in advance.
- Regulatory technology compliance layer: Global AI Stock has built-in "intelligent compliance engine", which can scan whether trading behavior meets the regulatory requirements of various countries in real time, eliminate the risk of violation in the strategy generation stage, and ensure the compliance and sustainability of market control.

Through continuous technological innovation, Global AI Stock is redefining the efficiency boundary of securities market control, and establishing sustainable return advantages for different types of investors in complex market environments.



5.3 Compliance building

Global AI Stock has built a three-dimensional risk control system covering security protection, compliance governance and regulatory coordination. Through professional team configuration, multi-dimensional review mechanism and global compliance layout, it builds a solid defense line for user asset safety and platform robust operation:

1) Security and compliance professional team structure

- Cyber security Defense Matrix: Global AI Stock has a team of over 50 security experts, the core members of which include senior security architects with more than 10 years of risk assessment experience in the financial industry, and cryptography Ph. D. who focus on encryption algorithms and cyber attack traceability. The team adopts the two-wheel drive mode of "attack and defense drill + vulnerability scanning" to monitor the peripheral risks of the system in real time, and respond to malicious behaviors such as DDoS attacks and data theft with millisecond speed to ensure the underlying security of the trading environment.
- Compliance governance system: Global AI Stock's nearly 100 compliance specialists constitute the core force of anti-money laundering (AML) and transaction monitoring. Through the AI-driven transaction flow analysis system, they conduct multidimensional screening of abnormal fund flows, cross-market arbitrage and other behaviors. Combining machine learning models to identify money laundering patterns, automate the marking and manual review of suspicious transactions, and ensure that each transaction complies with global anti-money laundering regulatory standards.

2) Independent review and regulatory coordination mechanism

- Multi-level compliance review structure: Global AI Stock has set up a project review committee composed of senior executives and legal experts from international financial institutions, with three functional departments: risk assessment, compliance audit and technical security, to conduct whole-cycle control over the platform's business process and product design. We introduce Moody's, Deloitte and other third-party authorities ** to conduct independent compliance audits, and ensure the objectivity of risk



assessment results and the comprehensiveness of regulatory compliance through penetrating review and stress testing.

- RegTech application: Global AI Stock establishes data security sharing channels with global law enforcement agencies, synchronizes suspicious transaction information in real time, and cooperates with multinational financial regulators to conduct cross-border compliance investigations. The platform's built-in intelligent compliance engine automatically ADAPTS to the regulatory rules of different jurisdictions (such as EU GDPR, US SEC regulations), standardizes and automates the KYC (Customer identity verification) process, and reduces the review time of customer identity information to less than 15 minutes.

3) Fund security and compliance operation guarantee

- Global regulatory compliance layout: As a licensed entity directly supervised by financial regulators in many countries, Global AI Stock strictly complies with the compliance requirements of 12+ regulatory bodies such as ASIC, FCA, BaFin, and continues to meet core indicators such as capital adequacy ratio and audit transparency. Client funds are independently stored in segregated accounts in tier 1 banks such as jpmorgan Chase and Citibank, which are completely separated from the platform's own funds, ensuring that asset flows can be traced and risks can be isolated.
- Data privacy and confidentiality: Global AI Stock implements a "minimum necessary" data access principle, controls internal access to sensitive customer information through a Zero Trust Architecture, and uses AES-256 encryption technology for all data transfers. No account information and transaction data will be disclosed unless explicitly authorized by the customer or the disclosure obligation is fulfilled in accordance with the law. Data security compliance is certified by ISO 27001 Information Security Management System.

4) Compliance culture and system construction

- Whole-process risk control standards: Global AI Stock has established a whole-chain compliance management system covering "business access - transaction execution - risk disposal", and regularly conducts compliance training and simulated audit exercises for employees to ensure that the



team's awareness of the red lines of anti-money laundering, market manipulation and other regulations reaches 100%. Real-time monitoring of key risk indicators (such as customer fund concentration, abnormal transaction rate) through intelligent compliance dashboard, to achieve pre-warning, in-process intervention and post-event traceability of risk events.

- Operational commitment to transparency: Global AI Stock proactively discloses an independently audited annual compliance report detailing the progress of regulatory compliance, the status of funds in custody and the outcome of risk events. Provide multi-lingual compliance guidance for global users to ensure that investors in different jurisdictions can clearly understand the platform's compliance framework and operational norms, and establish a reliable long-term relationship.

By deeply integrating professional team capabilities, technology-driven reviews and Global regulatory requirements, Global AI Stock has built a three-in-one compliance security system of "people-technology-system". From the low-level protection of network security to the top-level design of fund storage and management, from independent third-party review to cross-border regulatory coordination, the platform guards the safety of user assets with the highest standards of compliance management, laying a solid foundation for risk control for global intelligent trading services.





Chapter VI Policies and Statements

6.1 Terms of Use

1) Use of the Global AI Stock website

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2) Hyperlinks to other websites

We may sometimes provide "hyperlinks," also known as "links," to other companies' websites. We will provide these links when we believe there are other websites that may be of interest or helpful to you.

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4) Forward-looking statements

Forward-looking statements made on our website and in other materials in the Company's information area are forward-looking statements. You can identify these forward-looking statements by the use of words such as "outlook," "believe," "expect," "potential," "continue," "may," "should," "seek," "approximately," "Predicts," "intends," "will," "plans," "estimates," "anticipates," or negative forms of these words or other similar words. Forward-looking statements are subject to a variety of risks and uncertainties. Such risks and uncertainties include, but are not limited to, the adverse effects of declines in securities markets or declines in the performance of Global AI Stock's products, a general downturn in the economy, competition from other companies, changes in government policy or regulation, the inability of Global AI Stock to attract or retain key employees, Global AI Stock's inability to implement its operating strategy and acquisition strategy, Global AI Stock's inability to manage rapid expansion and unforeseen costs and other impacts related to legal proceedings or investigations by governments and self-regulatory organizations. The opinions on the Global AI Stock website have been prepared based on information available at the time of writing such opinions. Changes or additional information may cause such opinions to change.

5) Miscellaneous provisions

A portfolio manager's view may differ from that of other portfolio managers, as well as Global AI Stock. In general, Global AI Stock accounts are managed according to the needs and objectives of each client. Because investment objectives, tax considerations, and other factors vary from account to account, individual account holdings and characteristics may vary. Portfolio characteristics are subject to



change without notice.

The past performance of any account or fund managed by Global AI Stock is not indicative of its future performance. At the time of sale, your investment may be worth more or less than the original cost.

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6) Your acceptance of these terms

These Terms of Use apply regardless of the channel through which you access the Global AI Stock website. Your use of the Global AI Stock Website constitutes your acceptance of the terms contained herein, and you may not use the Global AI Stock Website unless you agree to these Terms of Use. You may reject these Terms at any time by leaving the site.



6.2 Scams and fraud Alerts

Global AI Stock is aware of certain fraudulent and illegal activities and that its name, logo and identity have been exploited by unknown perpetrators involved in various investment scams. These perpetrators employ a range of methods to target individuals, such as fake social media accounts, fraudulent websites/domains, emails, text messages, phone calls, mobile apps, dating apps, comparison sites and social messaging platforms. They may even use the names, titles, or photos of genuine Global AI Stock employees in order to appear legitimate. Always exercise caution when dealing with unsolicited investment advice, requests for personal information, and sales calls or emails as Lubomai Stock does not engage in investment solicitation in this manner. Before making any investment decision, please contact your Global AI Stock contact or investment advisor at a verified phone number or email address and initiated by you. It is very important to be alert and to stay alert for potential scams.

Specifically, be aware of the following:

- Unsolicited investment advice or requests for personal information received by unverified persons.
- Requests to make payments to a bank account in the name of an individual, a third party, an unknown company name, or through a payment intermediary.
- Any changes to the domain (email/website) that occur during the course of the communication.
- Offering unrealistically enticing returns that are too good to be true.
- Expresses urgency to complete an investment or payment.
- Request additional payments to release investments already made.
- Spelling and grammar errors in correspondence or documentation.
- Requests to send money through social media messaging apps and/or platforms.



If you suspect that you have been a victim of fraud, it is important to contact your bank immediately, as the bank may be able to assist in recovering the funds. In addition, it is critical to report the incident to law enforcement in your jurisdiction immediately.

If you notice any suspicious activity or scams allegedly involved, contact us immediately. Thank you for your cooperation in helping us fight fraud programs.

6.3 Policy required by law

From time to time, Global AI Stock receives requests for information about its clients from law enforcement agencies around the world. We aim to provide you and law enforcement with information on how to handle these requests.

When contacting Global AI Stock, law enforcement is generally interested in two types of data: information about the identity of customers and information about their trading activity. When a request for information is received, Global AI Stock requires that it be accompanied by the appropriate legal process. This may vary from location to location. For example, production warrants, search warrants and subpoenas, and requests for voluntary data disclosure may all constitute legal proceedings. Global AI Stock reviews each order and voluntary disclosure request to determine that it has a valid legal basis, and that any response is strictly tailored to ensure that only data is provided that law enforcement is entitled to obtain.

Global AI Stock welcomes law enforcement agencies to inquire about its policies and procedures. To help expedite the review of requests for information, law enforcement requests should provide the following information:

- Name of law enforcement agency;
- proof of the officer's authority to request information (certificate of authorization) and current position in the law enforcement agency;
- Proof of the identity of the law enforcement officer (such as ID number);



- a letter of investigation issued by a law enforcement agency;
- email address from a government domain;
- the name of the specific legal entity from which you are requesting information;
- the specific content of the request for customer information;
- Other details, including 1) stating reasonable deadlines and 2) Mutual legal assistance treaty requests for international law enforcement.

Global AI Stock also reserves the right to disclose information to the authorities in order to protect itself and its clients.

6.4 Disclaimer

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