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Whitepaper

Hyper⚡charge your trading experience

What is Cogwise?

Cogwise is a state-of-the-art AI model that leverages the power of blockchain technology and crypto-related topics to provide users with fast and accurate information. Cogwise uses the latest algorithms and high-speed computing capabilities to address complex issues in the industry. With a host of unique features, Cogwise is an indispensable tool for individuals, developers, and businesses operating in the blockchain and global space.

Cogwise provides a range of tools and features, including a no-code smart contract generator, smart-contract auditor, technical analysis of charts, wallet tracking, Cogwise alerts and a source of news. By creating the most advanced AI model, Cogwise offers users unlimited use cases that can be applied in various ways. Additionally, the SDK & API service allows developers to create new applications powered by Cogwise or integrate them into existing ones.

The $COGW utility token backs Cogwise , which is required to access various AI tools and products powered by Cogwise. As such, the token plays a crucial role in the Cogwise ecosystem.

Insights in our concepts

Cogwise is an advanced AI model that is designed to aid in all aspects of cryptocurrency and blockchain. In order to comprehend its functioning, it is essential to become acquainted with the concepts that underlie Cogwise's operations. Gaining an understanding of these fundamental concepts will enable you to comprehend how Cogwise operates and how it can effectively carry out specific tasks. This guide comprehensively outlines the principles that make Cogwise a formidable and cutting-edge technology, suitable for developers, researchers, and AI enthusiasts alike.

Key features

CogwiseAI Core: is a conversational AI-powered assistant which is programmed to execute a command from a prompt and furnish a comprehensive answer that helps users with a wide range of tasks, such as no-code smart-contract programming, debugging, market analysis, guidance, trading, and more.

Smart Contract Generator: simplifies smart contract creation even for those with no coding experience. Users can generate contracts by describing their desired features. One key advantage of using Cogwise for smart contract creation is its ability to stay up-to-date with the latest guidelines, Solidity pragma versions, and security vulnerabilities. This ensures that the generated contracts are compliant and secure.

Contract Auditor: users can swiftly audit existing contracts by pasting code into Cogwise, to get an audit report that highlights any issues and offers suggestions for improvement.

News Aggregator: by using advanced artificial intelligence and machine learning algorithms Cogwise analyzes news articles and social media posts from various sources in real-time. By identifying keywords and global trends, the bot can based on his advanced conclusion making capabilities predict how news, events will affect specific stocks or cryptocurrencies.

Real-Time Trading: Cogwise provides an AI trading assistant designed to improve users technical analysis experience, easily apply the received parameters and strategies, ask Cogwise to detect chart patterns, and analyze historical data with the help of AI.

Wallet tracking: Cogwise offers an automated trading system that uses complex algorithms to analyze market data, identify large wallet transactions, track a predetermined wallet. By monitoring their trading activity its able to execute trades on behalf of the trader or it can send a notification to the trader to copy the trade.

Cogwise's Virtual Operating System: is a next-generation virtual machine that offers a unique combination of EVM compatibility and on-chain AI inference. It is designed to enable the development of decentralized applications on the blockchain.

Gamification and Reward System: Users can accumulate $COGW over time, with a leaderboard showing the top users who have earned the most rewards. This can be used to gain access to more advanced features, or exclusive content. The reward system would incentivize users to engage with the AI consultant and provide feedback, while also providing a clear sense of progression and achievement.

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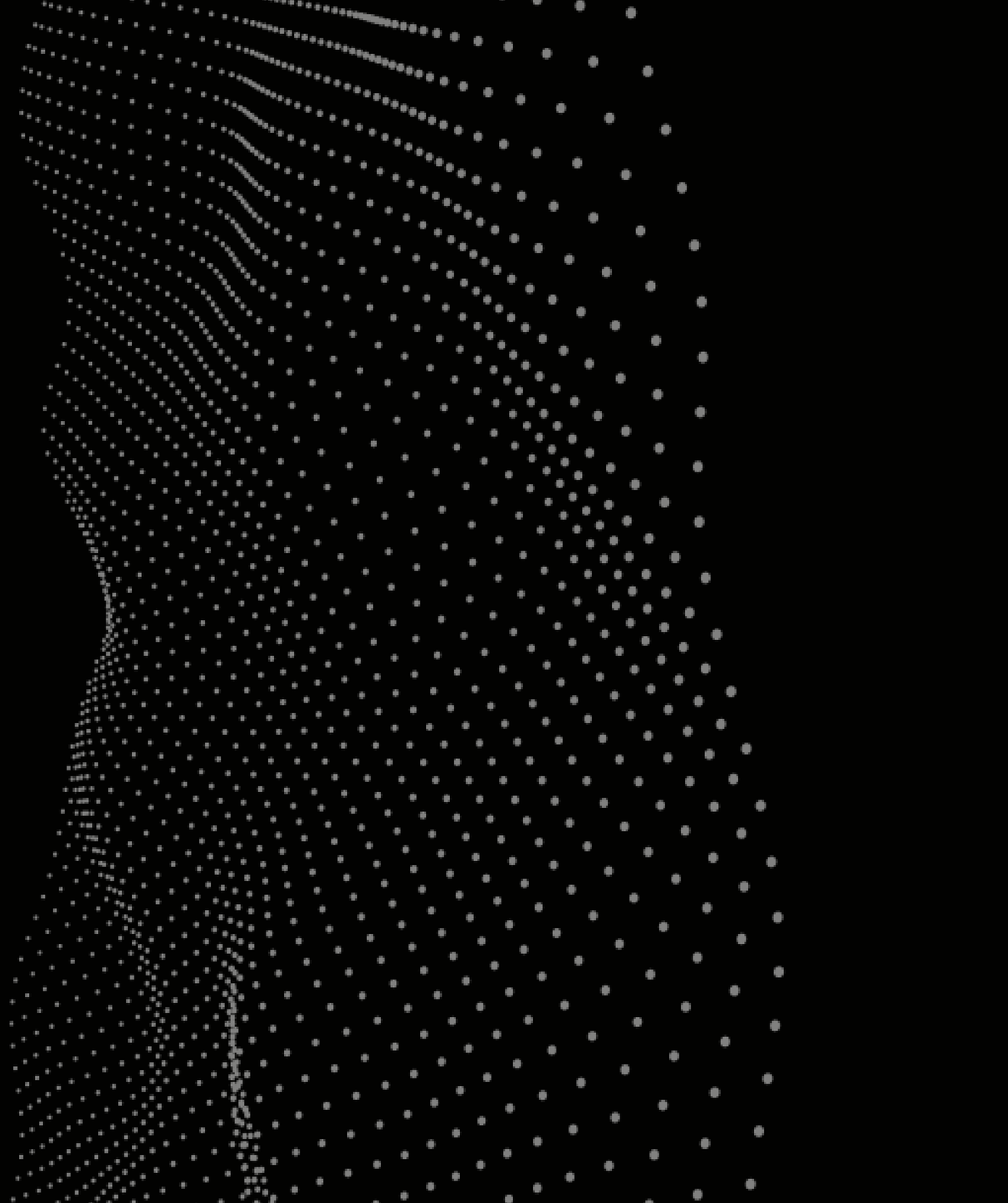
Cogwise AI Algorithm



Cogwise AI Model is the perfect solution for all things in crypto, blockchain and global industries. It employs its cutting-edge AI model to handle a range of tasks, including Solidity development, smart contracts, Pine Script, and other similar solutions. In order to comprehend the workings of Cogwise, it is necessary to acquaint oneself with the principles of this technology. Whether you are a developer, a business professional, or an enthusiast of crypto/blockchain, gaining insight into the mechanism and technology that underpins Cogwise AI can assist you in learning how to engage with it and enhance your productivity.

In this guide, you will learn about the following:

Natural Language Processing: Cogwise is designed to understand and process any input and generate relevant answers using HLU algorithms.

Self development: Advanced AI model is built on open-source machine learning models that is significantly improving and training without a rest.

Integrated Language: Cogwise was trained on a vast dataset consisting of information related to blockchain technologies, crypto, technical analysis, security audits, and many other categories in this field. The dataset was created by our team of machine learning engineers, and this extensive training allowed Cogwise to acquire the multitude of functionalities it currently possesses.

Cogwise Virtual Operating System: The CVOS is designed to be backward-compatible with the Ethereum Virtual Machine (EVM) while also supporting on-chain AI inference. This feature enables the CVOS to utilize the GPU for executing complex AI models instead of relying solely on the CPU.

Cognitive Engine: The Synapse deterministic AI inference engine is a critical component of the Cogwise platform. It ensures that the AI inference results remain the same across various computing environments, even if they are different.

Cogwise capabilities: Cogwise has integrated brain-based skills needed in acquisition of knowledge, manipulation of information and reasoning.

Natural Language Processing (NLP)

Artificial intelligence's NLP field analyzes, creates, and processes human language. It covers various methods and algorithms for parsing, part-of-speech tagging, named entity recognition, sentiment analysis, and text production in natural language understanding and generation. NLP's ultimate objective is to make it possible for computers to analyze, comprehend, and produce human language in a way that is comparable to human communication.

Cogwise uses Natural Language Processing (NLP) algorithms to analyze and comprehend human language, which enables it to produce pertinent and well-organized answers to users' inquiries. NLP is an area of computer science and artificial intelligence that uses natural language in communication between machines and people. It involves the meaningful and practical analysis, creation, and understanding of human language by computers.

Why is NLP important for Cogwise?

NLP is essential for Cogwise's operation because it enables the chatbot to comprehend and process human language inputs, allowing it to react in a manner pertinent and compelling to the user's inquiry. For example, the chatbot could decipher the user's inputs with NLP, leading to functional and frequently absurd responses. However, Cogwise can answer in a way that is both helpful and pertinent thanks to the usage of NLP algorithms, which help it comprehend the context and meaning of the user's inputs.

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NLP is an essential part of Cogwise that enables the chatbot to comprehend and process inputs in human language and produce appropriate and compelling responses. Furthermore, Cogwise can give customers accurate and practical information on blockchain and cryptocurrency subjects thanks to its cutting-edge NLP algorithms.

Components of NLP

Tokenization

This is the process of breaking up text into individual words, phrases, or sentences. Tokenization is important because it makes it easier for machines to analyze and understand text.

Part-of-speech (POS) tagging

POS tagging involves labeling each word in a sentence with its corresponding part of speech, such as noun, verb, adjective, adverb, etc. This information is important because it helps machines understand the grammatical structure of a sentence.

Named entity recognition (NER)

NER involves identifying and extracting important entities in a text, such as people, places, organizations, and dates. NER is useful for many applications, including information retrieval, search engines, and social media analysis.

Sentiment analysis

This involves analyzing text to determine the writer's attitude or opinion towards a topic. Sentiment analysis is useful in many applications, such as customer feedback analysis, social media monitoring, and market research.

Components of NLP

Language modeling

Language modeling involves training a machine to predict the next word in a sentence or generate new text. This is useful for applications such as machine translation, speech recognition, and chatbots.

Information extraction

This involves extracting relevant information from unstructured text. For example, extracting phone numbers or email addresses from a resume.

Text classification

This involves classifying text into predefined categories, such as spam or not spam, positive or negative sentiment, and news articles by topic.

More to come!

Cogwise Engine

Cogwise engine is a component of an artificial intelligence system that is responsible for reasoning and drawing conclusions based on available data and knowledge. It is designed to process large amounts of data, identify patterns and relationships, and make decisions based on that analysis. Inference engines are used in a variety of applications, including expert systems, natural language processing, and machine learning. They typically use rule-based systems, Bayesian networks, fuzzy logic, or other forms of logic to reason and make predictions.The goal of a cognitive engine is to provide a system with the ability to make informed decisions and take actions based on the available data and knowledge.

The Cogwise platform's cognitive engine is a crucial component that enables on-chain AI inference. The Synapse engine ensures predictable outcomes across various computing environments, providing a solid foundation for developing AI-enhanced DApps and smart contracts.

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The AI Inference Engine is a crucial component of the Cogwise platform that enables on-chain AI inference and provides deterministic results. It serves as a solid foundation for developing reliable AI-enhanced DApps and smart contracts while eliminating the need for off-chain solutions. Whether you're a developer, business, organization, or crypto enthusiast, Cogwise's AI technology can improve your workflow in this space.

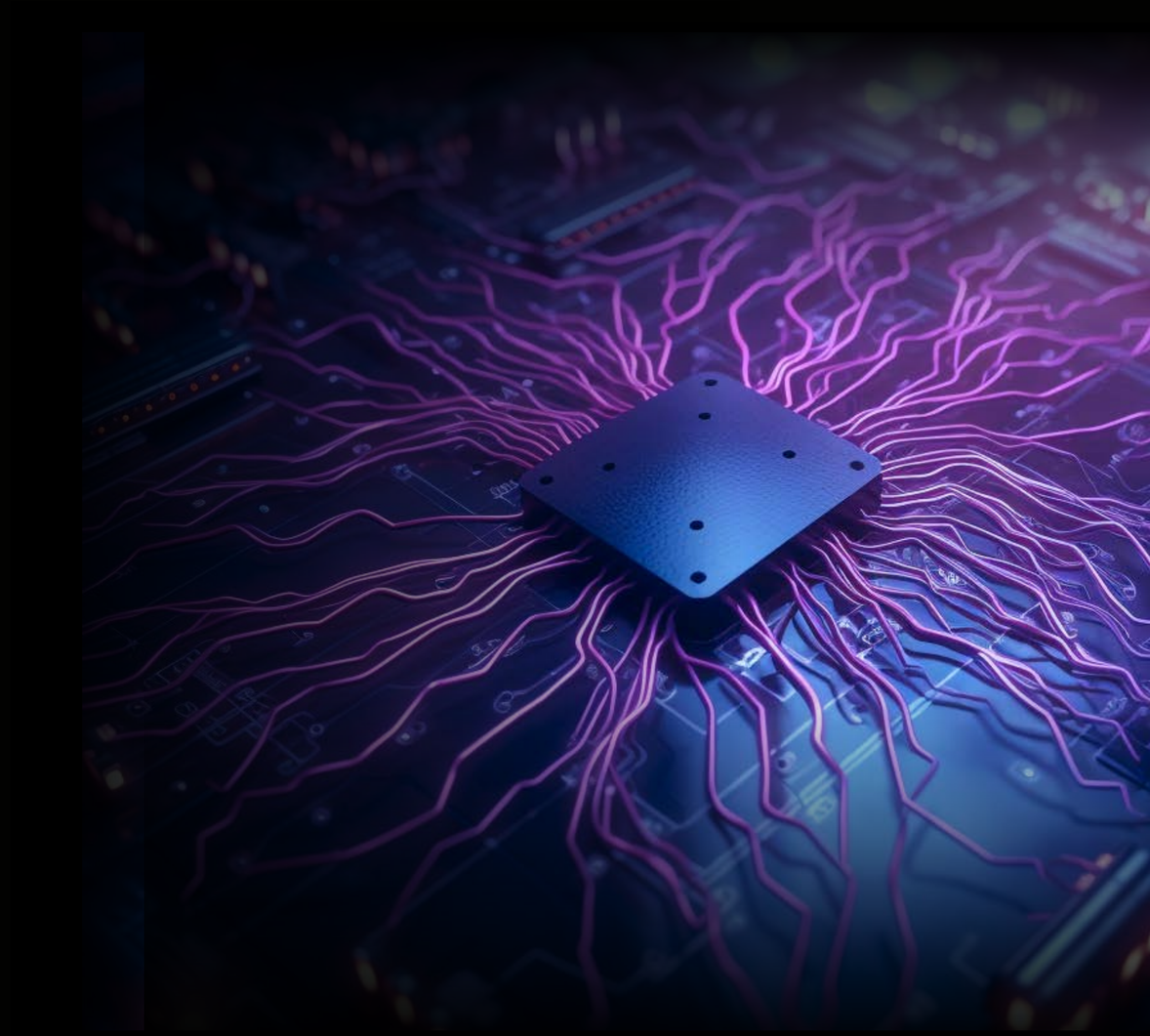
Reliable determinations: The engine's deterministic nature guarantees consistent and accurate AI inference results, making it ideal for developing reliable smart contracts and DApps.

Upgraded capability: By utilizing the GPU instead of the CPU to execute AI models, the engine enhances the platform's performance and scalability. This makes Cogwise an excellent option for organizations that want to harness the potential of AI and blockchain technology.

On-chain solutions: With its deterministic nature, the engine eliminates the need for off-chain solutions. Developers can rely on consistent and accurate results without additional infrastructure.

Cogwise Capabilities

One of Cogwise's primary capabilities is its contextual awareness, which allows the chatbot to produce relevant and fitting responses that align with the conversation's context. This feature involves analyzing the user's text input while considering the words used, the conversation's tone, and its historical context, and using that information to determine how to reply to the user. This functionality is especially important in industries like blockchain, cryptocurrency, and global industries where users may have complex questions that require accurate and timely information. For example, if a user asks about the price of a specific cryptocurrency today, Cogwise can provide the most recent data. Moreover, contextual awareness enables Cogwise to maintain a natural and engaging conversation, providing personalized responses that feel relevant to the user, resulting in a more positive user experience.



Cogwise's contextual awareness is a critical feature that allows it to offer precise and relevant responses, leading to a more engaging and fulfilling user experience.

Integrated Language

At its core, Cogwise is a pre-trained language model that can understand and analyze human language because it has been trained on a large corpus of text data. This documentation page explains what a pre-trained language model is, how it works, and why Cogwise relies on it.

A pre-trained language model is a deep learning model that has been trained on significant text data, such as books, news articles, or online conversations. The purpose of pre-training is to teach the model how to understand the relationships and patterns between words and sentences in human language. Once trained, the model can be fine-tuned for specific tasks, such as answering questions or generating responses.

To train the language model, vast text data is fed into a deep neural network that handles sequential data, like text. The model learns how to generate text similar to the input data by being exposed to a sequence of inputs and their related outputs during training. After training, the model can be fine-tuned for specific tasks by introducing it to a more focused dataset. This process makes the model more effective at the given task and ensures that it produces relevant and accurate responses.

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The pre-trained language model is a crucial element of Cogwise's success as it enables the chatbot to understand and process human language and generate relevant and accurate responses to various questions. Therefore, if you want to learn more about or explore the world of blockchain, cryptocurrencies, and global industries Cogwise is the perfect resource for you.

Self Development

Cogwise was trained on a dataset created by our Machine Learning Engineers, and the model was trained on an extensive database of information regarding Technologies, Crypto, Technical Analysis, Security Audits, News and many more categories in this space, which allowed us to create the high amount of functionalities we offer with Cogwise AI.

Understanding Machine Learning

Machine learning is a subfield of AI that focuses on developing algorithms and models capable of learning patterns and making predictions from data. It enables computers to automatically improve their performance on specific tasks through experience. Cogwise utilizes machine learning techniques to comprehend and respond to user input by learning from vast amounts of training data.

Stimulating AI Researchers and Develpers

To train Cogwise, a large dataset comprising human-generated conversations is used. This dataset serves as the training ground for the machine learning model. The model's objective is to learn the statistical patterns and relationships within the data, enabling it to generate coherent and contextually relevant responses.

Sequence-to-Sequence Models

Cogwise employs a specific type of machine learning model known as a sequence-to-sequence model. This architecture consists of two key components: an encoder and a decoder. The encoder processes the input text and transforms it into a fixed-length representation called a context vector. The decoder takes the context vector and generates the corresponding output response. Through this sequential process, Cogwise learns to associate input prompts with appropriate output responses.

Fine-Tuning

After the initial training phase, Cogwise undergoes a process called fine-tuning. In this stage, the model is exposed to more specific and targeted datasets that align with the desired behavior of the chatbot. This allows Cogwise to adapt and specialize its responses for particular use cases, such as answering questions about specific topics or providing domain-specific recommendations.

Iterative Improvement

Cogwise's machine learning capabilities enable it to continually improve its performance over time. By deploying the model in real-world conversational scenarios and gathering user feedback, developers can fine-tune and update the model to enhance its conversational abilities. This iterative process ensures that Cogwise remains at the cutting edge of conversational AI technology.

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Cogwise represents a remarkable achievement in the field of conversational AI, made possible by its underlying machine learning function. By leveraging large-scale training datasets, sequence-to-sequence models, and the power of fine-tuning, Cogwise has achieved impressive proficiency in understanding and generating human-like responses. As machine learning techniques continue to advance, we can expect even more sophisticated and engaging conversational AI systems like Cogwise to shape the future of human-computer interactions.

Cogwise Virtual Operating System

EVM Compliance

The CVOS is a next-generation virtual machine that combines EVM compliance with blockchain AI inference. This feature makes it an ideal solution for organizations seeking to leverage blockchain technology and AI. In addition, the CVOS's compatibility with existing Solidity code and tools facilitates easy migration of smart contracts and DApps to the Cogwise platform.

AI inference performed on the blockchain

The CVOS's support for on-chain AI inference is one of its critical features. By using the GPU instead of the CPU to execute complex AI models, it significantly enhances the performance and scalability of the Cogwise platform. The CVOS also includes a deterministic AI inference engine, Synapse, that ensures consistent and accurate AI inference results across heterogenetic computing environments.

Efficiency and expandability

Blockchain AI inference support improves the Cogwise platform's scalability and performance. Additionally, the CVOS's ability to run complex AI models using the GPU, rather than the CPU, allows it to handle larger and more intricate AI models, making it a suitable choice for organizations that want to take advantage of AI and blockchain technology.

Utilization

The CVOS is well-suited for a variety of use cases, including AI-enhanced smart contracts and DApps, decentralized AI applications, predictive maintenance and monitoring, fraud detection and prevention, predictive marketing and personalization, image and video analysis, and natural language processing and understanding.

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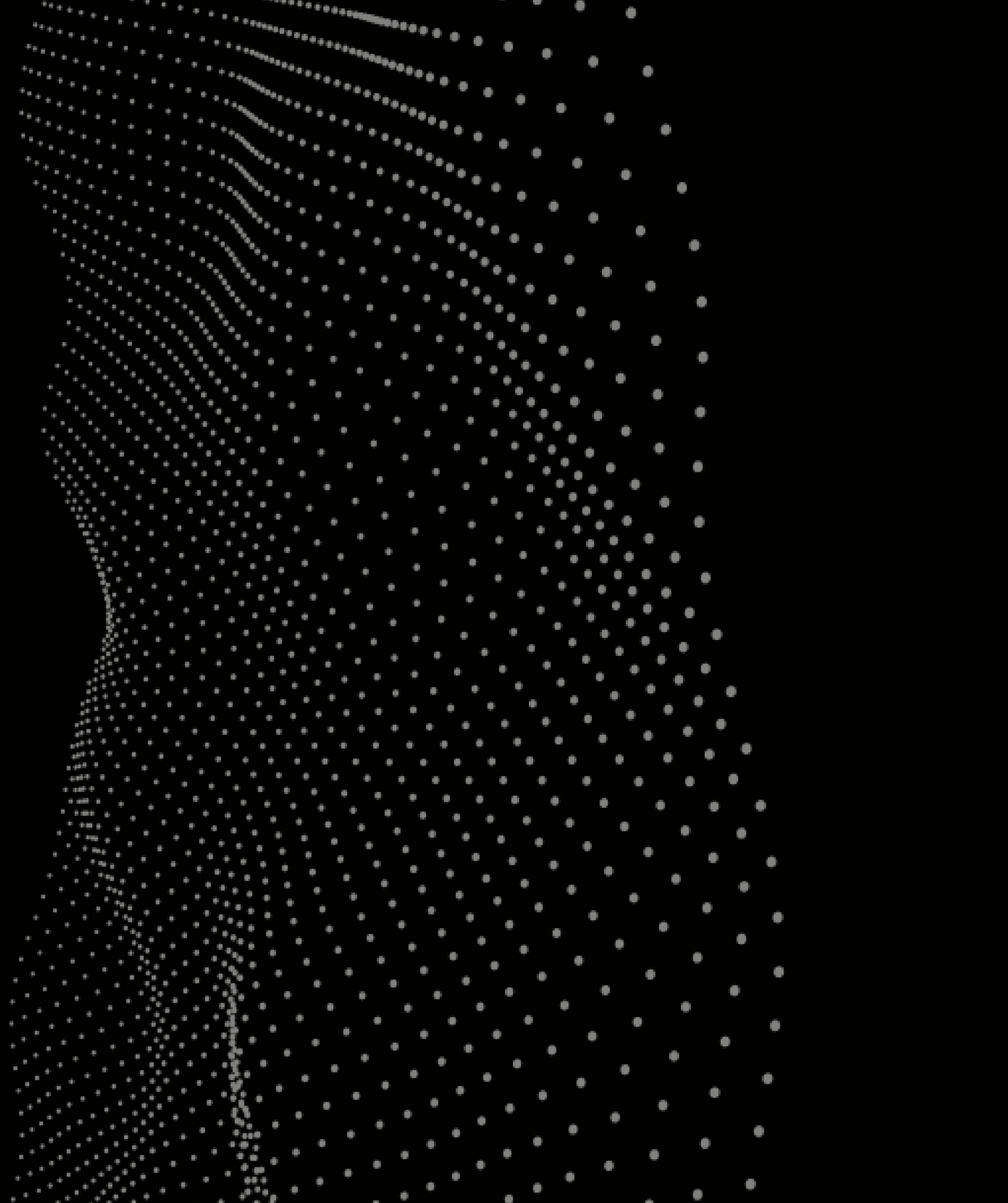
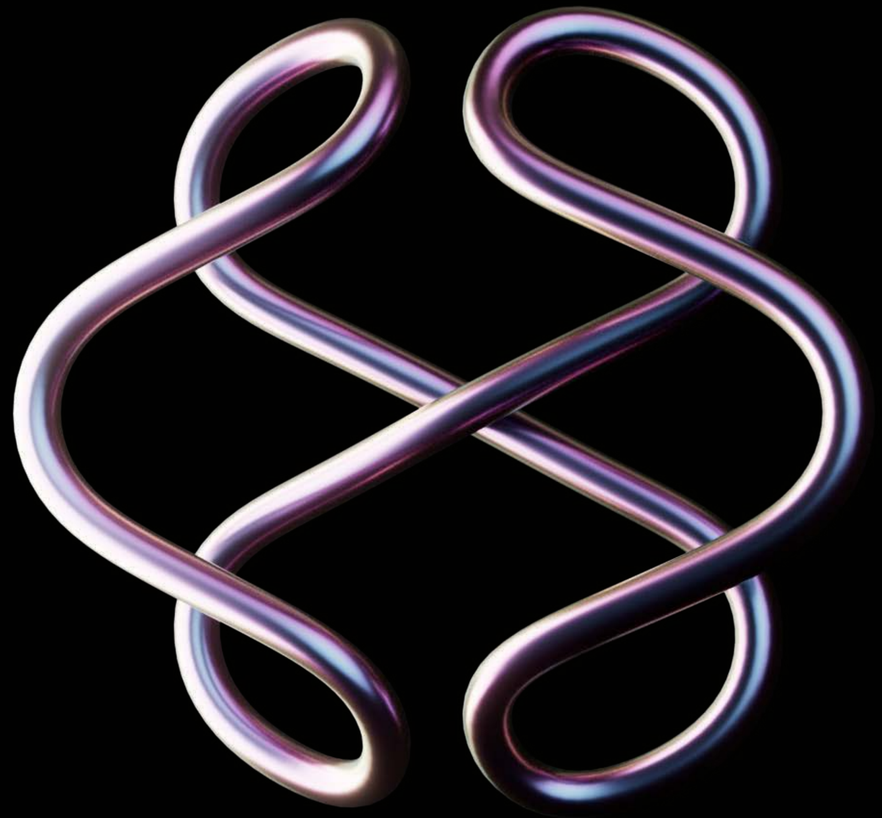
Cogwise Ecosystem



$COGW Token

Access to the advanced features of Cogwise AI model within the ecosystem requires the use of $COGW, the utility token that powers the platform. $COGW holders can enjoy several benefits, such as liquidity on multiple exchanges, staking and farming options, and more.



Burn mechanism

35% of the fees/profits generated by Cogwise's tools and utilities in the ecosystem are burned from the supply to boost the value of $COGW for its holders. This includes the fees paid for AI access and other income generated by the ecosystem. The other 65% is utilized for the growth and long-term sustainability of Cogwise.

Gamification System

The reward system outlined for the AI consultant provides multiple incentives for users to engage with the technology, provide valuable feedback, and earn tangible rewards in the form of crypto tokens and access to more advanced features. Personalized rewards, seasonal promotions, and challenges offer additional opportunities for engagement and incentivize users to stay involved with the technology. Overall, the reward system is a powerful tool for encourage user engagement and feedback, and for building a strong and loyal user base.

Staking

There are several staking and farming options available to holders of the ecosystem's token, $COGW. Staking is primarily utilized to access the premium AI model, while farming enables token holders to earn $COGW rewards.

$COGW token

The Cogwise Token ($COGW) serves as the foundation of the Cogwise ecosystem, acting as the medium of exchange for accessing the Premium AI model that powers the platform.

Its primary feature is providing access to the Cogwise AI model, designed specifically for the crypto, global and blockchain industry, offering assistance with coding contracts, explaining concepts, analyzing markets, and more.

$COGW holders can also take advantage of staking and farming opportunities, where staking provides access to the premium AI model and farming earns rewards for liquidity provision. Additionally, 35% of the fees and profits generated by Cogwise's tools and utilities are burned to increase the value of $COGW, while the other 65% is used for the growth and sustainability of Cogwise. Holders of $COGW tokens can also provide liquidity on decentralized exchanges and earn a percentage for each swap.

Staking

Cogwise ecosystem provides multiple staking and farming opportunities for $COGW token holders. Staking mainly allows access to the AI Premium model, while farming provides rewards in $COGW tokens.

Staking mechanism

Staking is a process that enables token holders to secure rewards and benefits within the ecosystem by locking up their tokens. Cogwise's staking program allows token holders to access the Premium AI model and receive priority services. To participate in staking, a token holder must lock up a specific number of $COGW tokens for a set period, which may vary depending on the staking program. While tokens are locked up, the token holder can enjoy the program's benefits.

Farming mechanism

Farming enables token holders to earn rewards by providing liquidity to the ecosystem. Cogwise's farming program allows token holders to provide liquidity to $COGW tokens on decentralized exchanges and earn rewards in $COGW tokens. To participate in farming, a token holder must deposit a certain number of $COGW tokens into a liquidity pool on supported exchanges and pairs. The deposited tokens contribute to the stability and liquidity of the token, and the token holder earns rewards in the form of $COGW tokens, proportional to the number of tokens deposited and time in the liquidity pool.

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Cogwise's staking and farming mechanisms offer an opportunity for token holders to earn rewards while supporting the ecosystem's stability and security. Whether staking for AI model access or farming for tips, token holders can leverage these opportunities to grow their $COGW holdings and contribute to the ecosystem's growth.

Burning mechanism

The burn mechanism in the Cogwise ecosystem is a crucial feature that enhances the value of its native token, $COGW. It automatically burns 35% of every fee or profit generated by the Cogwise tools and utilities, thereby reducing the overall supply of $COGW. For instance, when a user pays 5 $COGW for accessing an advanced feature of Cogwise AI, 35% of that is eliminated from the supply.

The burn mechanism applies to all income transactions within the Cogwise ecosystem, including fees for AI access and other revenues from the platform's various tools and utilities. Consequently, using the Cogwise AI contributes to the platform's growth and increases the value of $COGW holdings.

The remaining 65% of the transaction income is utilized for developing and sustaining the Cogwise platform. This funding covers various aspects such as marketing, development, and other growth initiatives, ensuring the platform's growth and sustainability. This enhances the value of $COGW for token holders.

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The Cogwise burn mechanism is a unique and powerful feature that increases the value of $COGW by reducing its available supply. It also encourages the use of the platform's AI tools and utilities and presents an excellent investment opportunity for individuals interested in the blockchain and crypto industry.

Gamification System

Reward system: Users using the AI consultant with different tasks or interactions earn specific amounts of $COGW tokens.

Leaderboard: A leaderboard shows the top users who have earned the most $COGW from using the AI consultant.

Social sharing: Users can earn bonus $COGW for sharing their experiences with the AI consultant on social media and tagging the brand.

Access to more complex engagement: Users who reach a certain level on the leaderboard or earn a certain number of $COGW gain access to more complex engagement with the AI consultant. This could include more advanced topics or customized responses.

Tiered levels: The reward system has tiered levels, with users earning more rewards as they progress through the levels. For example, the first level might offer a small crypto token reward, while the highest level offers a larger reward and exclusive access to new features.

Seasonal rewards: The reward system will offer seasonal rewards or limited-time promotions to encourage engagement during those periods, such as holidays or special events.

Feedback rewards: Users who provide feedback on the AI consultant's performance earn bonus $COGW or higher rewards.

Challenges: The AI consultant can offer challenges to users, such as completing a quiz or solving a puzzle, to earn extra $COGW.

The reward system incentivize users to engage with the AI consultant and provide valuable feedback, while also offering tangible rewards in the form of crypto tokens and more advanced engagement opportunities.

Reward System

Long interactions

For interacting with a bot with more then 150 queries.

25 COGW

Completing a task

For completing a task assigned by the AI consultant, such as answering a quiz or filling out a survey.

25 COGW

Providing feedback

For providing feedback on the AI consultant's performance, including suggestions for improvement or reporting issues.

30 COGW

Referring a friend

For referring a friend to use the AI consultant.

35 COGW

Social sharing

For sharing the AI consultant on social media and tagging the brand.

20 COGW

Bonus rewards

For completing certain tasks, such as answering a set of questions in a row or using the AI consultant for a certain number of consecutive days.

30 COGW

Users can accumulate tokens over time, with a leaderboard showing the top users who have earned the most $COGW have access to more advanced features, or exclusive content. The reward system would incentivize users to engage with the AI consultant and provide valuable feedback, while also providing a clear sense of progression and achievement.

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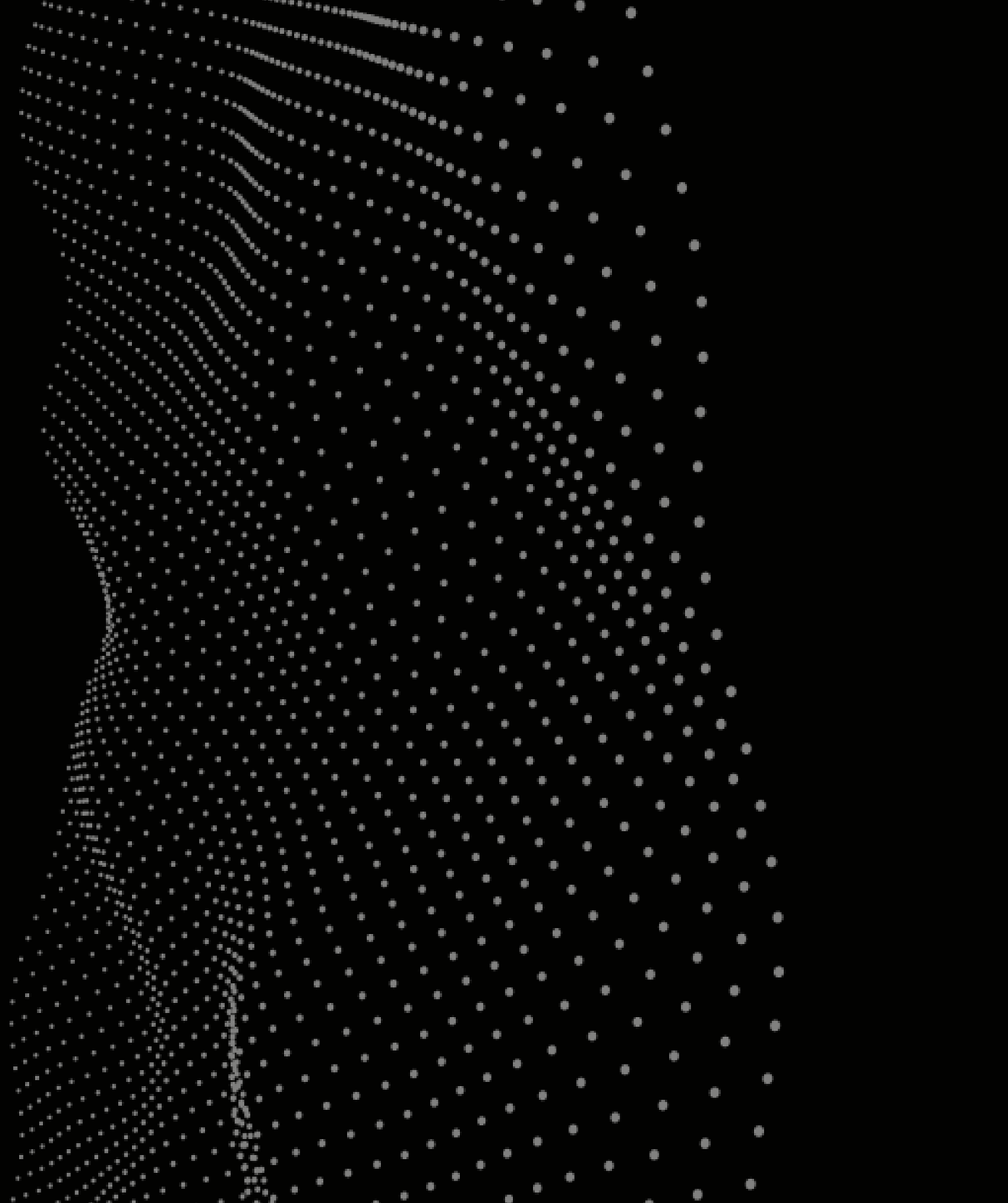
Cogwise Blockchain



CogwiseAI Core

Cogwise's main feature is the use of a generative model, which we will explore in this article. CogwiseAI Core is a type of machine learning algorithm that generates new outputs based on input data by analyzing patterns and correlations to produce novel and unforeseen results. In the case of Cogwise, the model produces text-based replies in response to user prompts. CogwiseAI Core is trained on large datasets to gain a thorough understanding of the data's connections and patterns. This training process ensures that the model generates high-quality outputs that are coherent, pertinent, and suitable for the input.

Cogwise uses a generative model to produce text-based replies to user inputs. The model comprehends the patterns and relationships in human language due to its training on a vast corpus of text data. Thus, the model provides precise, pertinent, and persuasive text-based replies to the input, consistent with human language.

Advantages of Using a Generative Model in Cogwise

The use of a generative model in Cogwise offers several significant advantages, including scalability, relevance, flexibility, customization, efficiency, constant improvement, and creativity. The model's scalability is because it needs extensive data to train it to comprehend and respond to various prompts. The model produces pertinent and acceptable replies to user cues thanks to its understanding of human language. The model can adjust to new information and respond based on the latest data it has been trained on, making it highly adaptable to changing user demands. The model may be tailored to specific user requirements and datasets, making it highly customizable. The deep learning algorithms used in the generative model allow for quick and efficient text production, reducing the time and resources required to create high-quality replies. The model's ability to iteratively retrain on new data ensures that it continually improves in terms of precision and response quality. Finally, Cogwise's use of a generative model allows for innovative and fresh responses to user inputs.

Smart Alerts

Introducing an innovative AI model designed to empower users with custom alerts for a wide range of notifications on the blockchain network. This groundbreaking technology leverages the power of artificial intelligence to enable users to tailor their alerts according to their specific preferences and requirements.

This versatile and user-friendly solution revolutionizes the way individuals stay informed about critical activities on the blockchain network, and the world of finance ensuring they never miss out on important updates and opportunities.

With this AI model, users can effortlessly create personalized notifications for various events occurring in the global economy and within the blockchain ecosystem, such as transaction confirmations, smart contract updates, token transfers.

News Aggregator

By using advanced artificial intelligence and machine learning algorithms, the bot can provide real-time analysis of all the news and global trends, and predicts the future movement of certain stocks or cryptocurrencies tied to the news.

This trading bot uses advanced artificial intelligence and machine learning algorithms to analyze news articles and social media posts from various sources in real-time. By identifying keywords and trends, the bot can predict how news events will affect specific stocks or cryptocurrencies.

For example, if there is a major global event that could impact oil prices, the bot could analyze news articles and social media posts related to the event to predict how the price of oil may move. Similarly, if a new technology is gaining popularity, the bot could analyze news articles and social media posts related to the technology to predict how the stocks or cryptocurrencies tied to the technology may perform in the future.

By tracking all the news and global trends, the bot can provide traders with a real-time analysis of how various events may impact their investments. This can help traders make informed decisions and potentially increase their profits.

In addition to analyzing news and social media, the trading bot can also use historical data and technical analysis to make predictions about the future movement of stocks or cryptocurrencies. This can help to confirm or adjust the predictions based on news events and global trends. One of the key advantages of using a trading bot that tracks news and global trends is speed. By analyzing news and social media in real-time, the bot can quickly identify potential trading opportunities and execute trades faster than a human trader ever could. This can potentially increase profits and minimize losses.

Another advantage of this approach is that it allows traders to focus on the most relevant news and global trends that are likely to impact their investments. This can save time and resources while still enabling traders to take advantage of profitable trading opportunities.

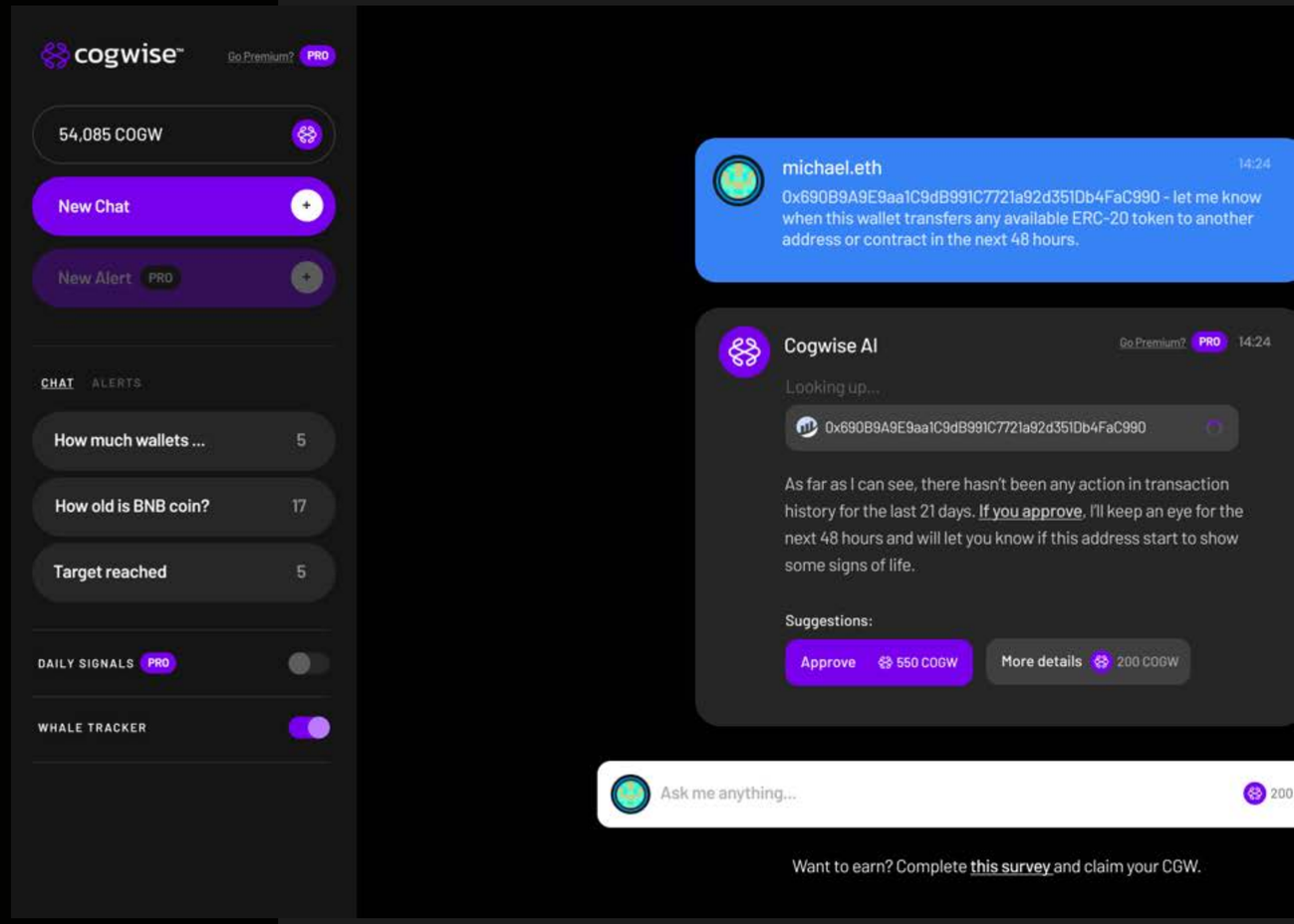
POWERED BY SMART ALERTS

Wallet Tracking

Cogwise wallet tracker offers an automated system that uses complex algorithms to analyze market data, identify large wallet transactions, track a predetermined wallet. By monitoring their trading activity its able to execute trades on behalf of the trader or it can send a notification to the trader to copy the trade. These notifications can be sent via email, text message, or through our app. By receiving these alerts, traders can quickly respond to trading opportunities and potentially increase their profits.

The bot can be adjusted depending on the specific goals and criterias of the trader. It can be set to track wallets with different filter options and time frames.

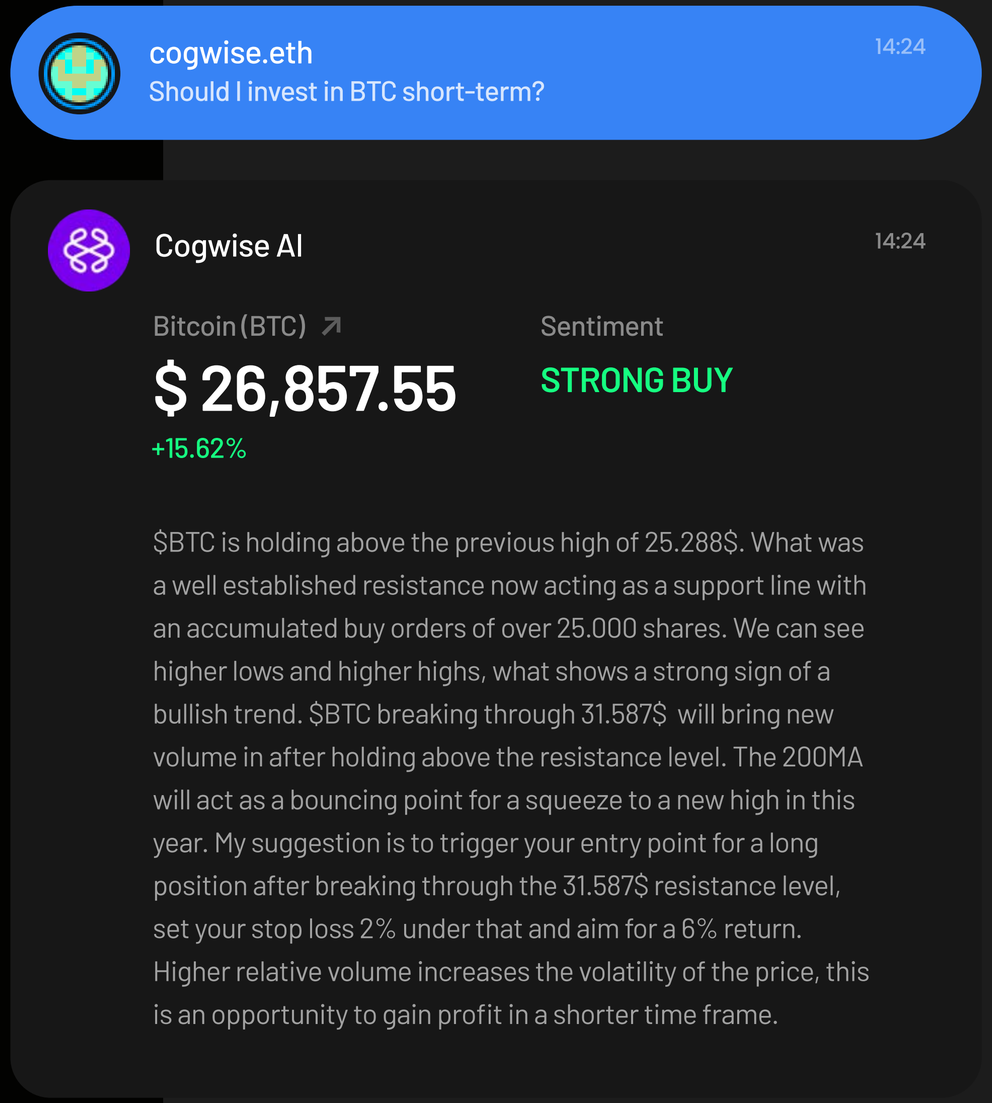
For example, the bot may only copy/alert trades from wallets that have a proven track record of profitability, or which have been inactive for a longer period and now moved their asset to an other address, or it may only copy trades for a certain type of cryptocurrency or stock, NFT, and many other. The strategy can be adjusted based on market conditions and the trader's risk tolerance.



Real-Time Trading

In the fast-paced world of trading, having access to accurate market data and being able to quickly analyze it can be the difference between making a profit and missing out on a potentially lucrative opportunity. That's where cogwise trading bot that uses a market scanner to rank trading opportunities based on their relative volume, precentual price change, momentum, and float comes in.

Using these metrics, a market scanner can quickly identify opportunities and rank them based on their potential for profitable trades. By analyzing the relative volume and percentual price change, the scanner can identify assets that are experiencing high levels of trading activity and price movement. Momentum can help to confirm these trends and identify potential entry and exit points, while float can give an indication of how volatile the asset may be.



Smart Contracts

After collecting data, the AI analyzes it to ensure proper categorization of the contract and to identify the right legal options and mechanisms to be used. The AI mechanism generates accurate code for smart contract design, issuance, and execution, and analyzes formal requirements, assumptions, rules, and the parties intent.

The deep neural network used in code generation is trained with contracts developed on other Blockchains and those developed by the Cogwise team. The AI analyzes the code to prevent the creation of contracts with known vulnerabilities. Each newly created and successfully finished contract acts as a new element of the training set. The AI mechanism used by Cogwise is also trained with edge cases to ensure it can differentiate between good and bad practices.

The AI analyzes data from four primary sources to analyze formal requirements, including contract templates and anonymized examples obtained from leading international law firms, historical contracts, the Cogwise image recognition contract creation process, and legal databases.

With Cogwise's support for AI, smart contracts can now be enhanced with the ability to process and analyze data, make decisions, and trigger events based on the results of AI models. This presents endless possibilities for developers, such as automating complex financial instruments, managing supply chain processes, and implementing predictive maintenance solutions.

The deep neural network also helps in choosing the right traditional contract template and can generate a perfect template with a probability of >99% after training on a set of just 70,000 different templates. The AI mechanism checks contracts for fraud or scam patterns based on contract data, parties involved, their input, wallets used, and contract statements. The machine learning behind this mechanism runs based on historical data, known fraudulent behaviors, and online information about scams. The estimated probability of fraud/scam detection is about 70% for a training set of 150,000 examples, and the goal is to achieve a detection probability of nearly 100% after utilizing a training set of 1,000,000 examples.

Decentralized Application

Cogwise supports the popular Solidity programming language, widely used for creating Ethereum-based DApps and smart contracts. This makes it easier for developers to build on top of the Cogwise blockchain with a programming language they are already familiar with. Additionally, Cogwise provides access to a wide range of pre-trained AI models stored on its storage layer. This eliminates the need for developers to build and train their models, saving them valuable time.

CONLUSION

The Cogwise burn mechanism is a unique and powerful feature that increases the value of $COGW by reducing its available supply. It also encourages the use of the platform's AI tools and utilities and presents an excellent investment opportunity for individuals interested in the blockchain and crypto industry.

With the support of Cogwise Ai, developers can create DApps that incorporate machine learning capabilities. For example, an AI-enabled DApp could use machine learning algorithms to analyze data and make predictions, automate decision-making processes, or implement chatbots that can respond to user requests.

OpenAI Research

Decentralization has been a significant driving force behind the explosive growth of blockchain technology. It has enabled organizations to securely share data and resources while reducing reliance on centralized intermediaries. Cogwise takes this approach further by seeking to decentralize technological and scientific research and development.

CONLUSION

Cogwise's goal of decentralizing research has the potential to transform how organizations access and utilize technologies, science, engineering, etc. By creating an open-source ecosystem that encourages innovation and collaboration, Cogwise is well-positioned to be a leader and a go to source for information essential for development.

The Open-Source Network

Cogwise aims to establish an open-source ecosystem where researchers and developers can freely distribute their models to a global audience. This will make it easier for businesses to obtain cutting-edge innovations and solutions while promoting creativity and collaboration in scientific communities.

Stimulating AI Researchers and Develpers

Cogwise aims to incentivize researchers and developers to contribute to the ecosystem by rewarding them for sharing their innovations and solutions. This could be in the form of financial incentives, recognition, or even access to cutting-edge technologies and resources.

Benefits of a Distributed AI Research Community

By decentralizing research, Cogwise can help organizations reduce their dependence on slow and bureaucratic centralized intermediaries. Instead, businesses can obtain innovations and solutions directly from the researchers, ensuring that they are always up-to-date which provides lower costs, higher performances, better quality.

Cogwise AI Characters

A new and innovative concept in Cogwise is being developed that will allow investors to create unique and interactive characters using natural language descriptions.

These characters will be tokenized for ownership and have:

- Customizable appearances
- Intelligence
- Voices

Character owners can further develop their characters by training their intelligence, customizing their personalities, and changing their generative outputs to use them in other applications within the Future-AI protocol.

The potential applications of Cowise characters include:

- Digital companions
- Virtual assistants
- Digital guides

Safeguarding

Cybersecurity is a crucial aspect that requires a reliable mechanism to ensure the safety of the system. After a comprehensive analysis of various security mechanisms, Cogwise has decided to utilize the most secure cryptographic primitives such as public-key cryptography, AES, EdDSA, ECDSA, and more.

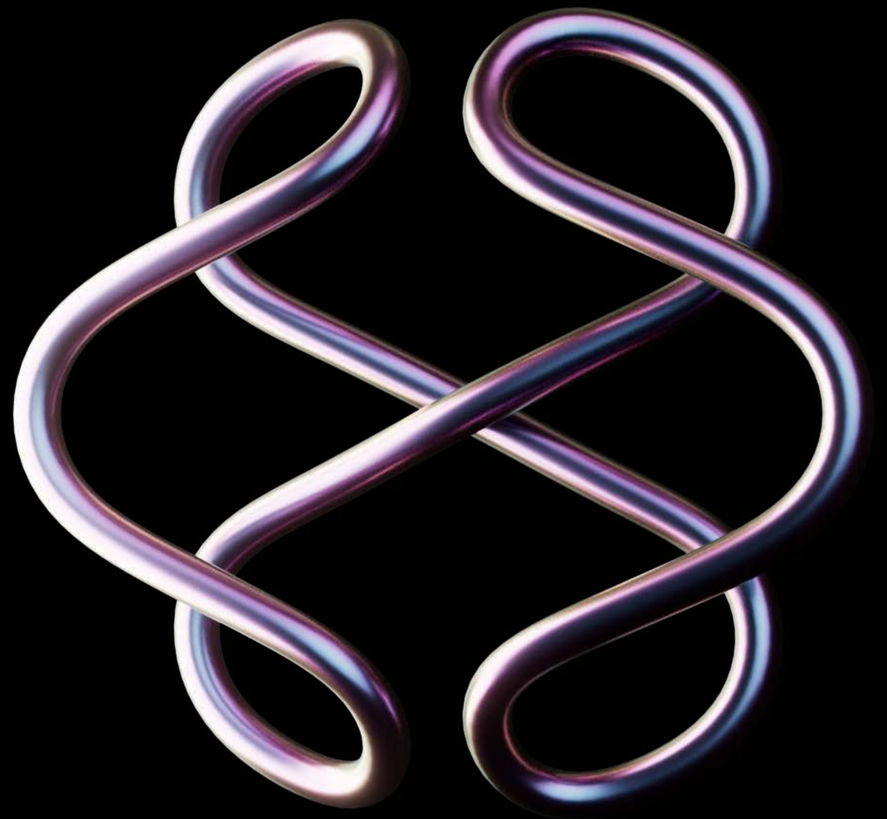
All communication between users of the Cogwise protocol and the network is encrypted, with TLS being the main encryption protocol. To guarantee additional security, Cogwise wallet applications will provide secure, encrypted storage for private keys and will also be compatible with hardware wallets.

To ensure the highest level of security for assets maintained through the wallets and resistance to network and Blockchain fraud, Cogwise wallets will use public-key cryptography primitives. Breaking into someone's wallet would require finding the private key and having access to the wallet address, which is highly unlikely due to the cryptographic solutions based on elliptic curves. Transaction fraud can only occur by breaking the ECDSA or EdDSA signatures, which is also a highly complex task.

Cogwise supports on-chain transactions that are validated and authenticated by network participants, and the details of these transactions are stored on the Blockchain, making them irreversible. Off-chain transactions are possible through offline exchanges of wallets' private keys, but these types of transactions are not public, and they are not recorded on the Blockchain. Thus, there is no way to secure or prevent such off-chain transactions.

Official links and social

- cogwise.io
- presale.cogwise.io
- twitter.com/cogwise
- @cogwise_io
- hello@cogwise.io



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Let’s build this future together

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