

AiBuild Token (ABT)



AiBUILD

Whitepaper REPORT 2023

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INTRODUCTION

Artificial intelligence has rapidly progressed in recent years, showcasing its potential to transform industries and drive innovation. However, the development of AI systems often requires substantial resources, including computing power, data, and expertise. The AI-Build Token proposes a solution that combines the power of decentralized AI development with blockchain technology to address these challenges.

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AI-BUILD TOKEN: CONCEPT AND FUNCTIONALITY

The AI-Build Token serves as a cryptographic unit within a decentralized network of AI developers, researchers, data providers, and users. Its primary

INCENTIVIZATION: AI-Build Tokens incentivize active participation and contribution to the ecosystem. Developers can earn tokens by sharing AI models, algorithms, and datasets, while users can acquire tokens by utilizing AI services or providing valuable feedback.

ACCESS TO RESOURCES: The token democratizes access to AI resources. Developers can stake tokens to access computational power, specialized hardware, and premium datasets, leveling the playing field and promoting inclusivity.

COLLABORATION: AI-Build Tokens facilitate collaboration by allowing developers to pool resources for complex AI projects. Contributors can stake tokens collectively to tackle large-scale problems that require extensive computational resources.

GOVERNANCE: Token holders participate in decision-making processes regarding platform upgrades, resource allocation, and policy changes. This democratic governance ensures a community-driven and adaptable ecosystem.

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TECHNICAL IMPLEMENTATION

The AI-Build Token ecosystem is built on a blockchain platform. Smart contracts play a crucial role in enforcing the rules, managing transactions, and ensuring secure interactions within the ecosystem. Key technical components include:

SMART CONTRACTS

These self-executing contracts automatically validate and execute actions based on predefined conditions. They handle tasks such as token distribution, rewards, and resource access permissions.

DECENTRALIZED STORAGE

AI models and datasets can be stored on decentralized storage platforms, ensuring security, availability, and scalability while reducing centralized control.

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BENEFITS AND IMPACT

The AI-Build Token concept presents several significant benefits.

DEMOCRATIZATION

The token democratizes AI development by providing access to resources for a diverse range of participants, including small-scale developers, researchers, and enthusiasts.

INCENTIVIZATION

Developers and users are motivated to actively engage in the ecosystem due to the potential for token rewards, fostering a vibrant and collaborative AI community.

INNOVATION

The platform encourages experimentation and innovation by enabling developers to access cutting-edge resources without substantial upfront costs.

REDUCED CENTRALIZATION

By distributing resources and decision-making authority, the ecosystem reduces reliance on centralized entities, enhancing the resilience and openness of AI development.

CHALLENGES AND FUTURE DIRECTIONS

Despite its potential, the AI-Build Token concept faces challenges such as regulatory compliance, scalability, and ensuring the quality of shared AI resources. Future directions include:

REGULATORY COMPLIANCE

Addressing legal and regulatory challenges associated with decentralized platforms, including data privacy, intellectual property rights, and token classification.

INTEROPERABILITY

Ensuring compatibility with existing AI frameworks, tools, and platforms to encourage broader adoption.

QUALITY CONTROL

Implementing mechanisms to verify the quality and reliability of shared AI resources to maintain the integrity of the ecosystem.

CROSS-CHAIN INTEGRATION

Exploring possibilities for integrating with other blockchain networks to leverage additional resources and functionalities.

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CHALLENGES AND FUTURE DIRECTIONS

Marketplace: The AI-Build Token ecosystem features a decentralized marketplace where developers can showcase their AI models, algorithms, and datasets. Users seeking AI solutions can browse through these offerings and engage with developers based on their needs. The marketplace utilizes smart contracts to facilitate secure transactions, ensuring that developers are fairly compensated for their contributions.

Resource Staking: Developers and users can stake AI-Build Tokens to access various resources within the ecosystem. Staking tokens provides access to computational power, high-performance GPUs, specialized hardware (such as TPUs), and premium datasets. The amount of tokens staked determines the level of access to these resources, creating a dynamic and adaptable resource allocation system.

Collaboration Pools: Complex AI projects often require significant computational resources. The AI-Build Token ecosystem enables developers to form collaboration pools by collectively staking tokens. These collaboration pools allow developers to tackle larger problems that necessitate substantial computational power or expansive datasets. The rewards earned from successful collaborations are distributed among the contributors based on their staked tokens.

Reputation and Ratings: To ensure the quality of AI offerings and collaborations, the ecosystem incorporates a reputation and ratings system. Users can rate the AI models and datasets they utilize, providing valuable feedback to developers and helping others make informed decisions. Developers with higher ratings and positive feedback are more likely to attract users and collaborators.

Governance Mechanism: Decisions regarding platform upgrades, resource allocation policies, and other ecosystem changes are made through a decentralized governance mechanism. Token holders participate in the decision-making process by voting on proposals. This democratic approach ensures that the community's interests are upheld and allows for the evolution of the platform based on the consensus of its participants.

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TOKEN ECONOMICS

TOKEN DISTRIBUTION

The AI-Build Token is initially distributed through a combination of public sales, private sales, and community incentives. A portion of the tokens is allocated to incentivize early adopters, developers, and strategic partners who contribute to the growth of the ecosystem.

TOKEN UTILITY

AI-Build Tokens have multiple utilities within the ecosystem. They are used for accessing resources, staking in collaboration pools, participating in governance, and acquiring AI services from the marketplace. The more active and engaged a participant is within the ecosystem, the more tokens they can potentially earn and utilize.

DEFLATIONARY MECHANISMS

To maintain the scarcity and value of AI-Build Tokens, deflationary mechanisms can be introduced. For instance, a percentage of tokens used for accessing resources might be burned, effectively reducing the total token supply over time.

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SECURITY AND PRIVACY

SMART CONTRACT AUDITS

To ensure the security and reliability of the ecosystem, all smart contracts should undergo thorough audits by reputable security firms. This minimizes the risk of vulnerabilities that could be exploited by malicious actors.

DATA PRIVACY

As the ecosystem involves sharing and utilizing AI models and datasets, data privacy is a critical concern. Encrypted data sharing mechanisms and decentralized identity management solutions can be implemented to protect the privacy of contributors and users.

POTENTIAL IMPACT AND ADOPTION

DEMOCRATIZING AI EDUCATION

The AI-Build Token ecosystem can extend beyond developers and researchers to include educators and students. By making AI resources more accessible, the ecosystem could empower students to learn, experiment, and contribute to AI research and applications.

ACCELERATING AI RESEARCH

Researchers can benefit from the collaborative nature of the ecosystem, gaining access to diverse datasets and computational resources that can accelerate the pace of research and lead to breakthroughs in AI technologies.

INDUSTRY DISRUPTION

The AI-Build Token ecosystem could disrupt traditional AI service providers by offering a more cost-effective and collaborative approach to AI development and deployment. This could lead to a shift in how AI solutions are sourced and implemented across various industries.



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TOKEN DISTRIBUTION CATEGORIES

DEVELOPMENT AND TEAM (20%): A portion of the total token supply is allocated to the development team, advisors, and early contributors who have played a vital role in shaping the project's inception and initial growth. This allocation recognizes their expertise, commitment, and contributions.

COMMUNITY INCENTIVES (10%): To foster a vibrant and engaged community, a significant share of tokens is reserved for community incentives. These incentives include rewards for active participation, contributions, and engagement within the AI-Build Token ecosystem. This encourages developers, researchers, and users to contribute to the platform's growth.

STRATEGIC PARTNERSHIPS (15%): Strategic partnerships play a crucial role in the project's expansion and adoption. This allocation is earmarked for collaborations with organizations, research institutions, and entities that can contribute to the ecosystem's development, reach, and impact.

TOKEN SALE (15%): A portion of the tokens will be made available through public and private token sales. This helps secure funding for further development, marketing, and operational costs of the AI-Build Token project.

ECOSYSTEM RESERVE (20%): To ensure the ecosystem's long-term sustainability and growth, a reserve of tokens is set aside. These tokens will be utilized for future developments, upgrades, and community-driven initiatives that align with the project's goals.

TOKEN VESTING AND RELEASE SCHEDULE

To ensure responsible distribution and prevent market volatility, a vesting schedule is implemented for team members, advisors, and strategic partners. Tokens allocated to these categories will be subject to vesting periods to encourage long-term commitment and alignment with the project's success.

GOVERNANCE AND TRANSPARENCY

The distribution plan will be implemented transparently, and regular updates will be provided to the community regarding token allocation, vesting schedules, and any adjustments based on the project's evolution.

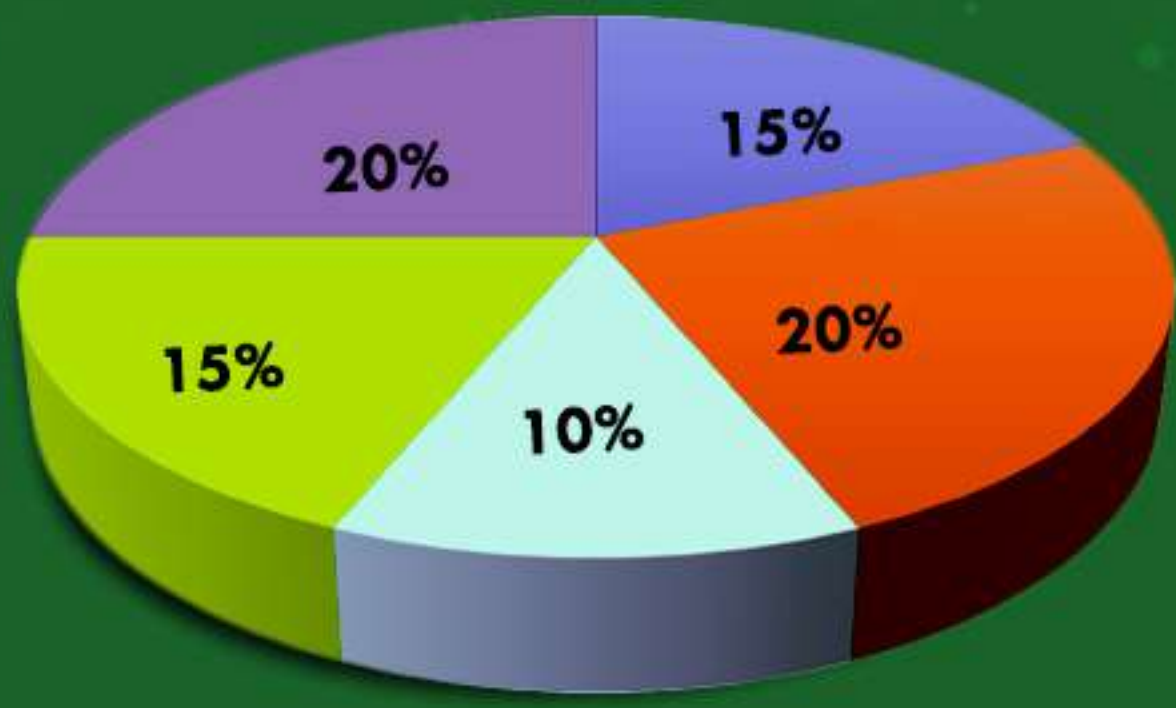


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TOKENOMICS

DISTRIBUTION

DEVELOPMENT AND TEAM	20%
COMMUNITY INCENTIVES	10%
STRATEGIC PARTNERSHIPS	15%
TOKEN SALE	15%
ECOSYSTEM RESERVE	20%



FOUNDATION AND DEVELOPMENT (YEAR 1-2)

- Establish the core team, advisory board, and partnerships.
- Develop the initial version of the AI-Build Token platform, focusing on basic functionalities such as token creation, smart contract implementation, and a simple marketplace.
- Launch a private testnet to evaluate platform performance and gather feedback from early contributors.
- Conduct an initial token sale to secure funding for further development.

MARKETPLACE EXPANSION (YEAR 2-3)

- Launch the public mainnet of the AI-Build Token platform.
- Introduce a decentralized marketplace where developers can showcase AI models, algorithms, and datasets.
- Implement a reputation and ratings system to enhance trust and quality within the marketplace.
- Enable basic resource staking for accessing computational power and datasets.

COLLABORATION POOLS AND GOVERNANCE (YEAR 3-4)

- Introduce collaboration pools, allowing developers to collectively stake tokens for collaborative AI projects.
- Implement the governance mechanism, enabling token holders to participate in decision-making processes.
- Enhance the user experience and platform usability based on user feedback.

ADVANCED FEATURES AND SCALING (YEAR 4-5)

- Expand resource staking options to include specialized hardware and premium datasets.
- Develop interoperability with other blockchain networks to leverage additional resources.
- Integrate oracles for real-time data interactions and dynamic resource allocation.
- Enhance security measures, conduct third-party audits, and address potential

GLOBAL ADOPTION AND IMPACT (YEAR 5+)

- Focus on expanding the ecosystem's user base on a global scale.
- Foster partnerships with AI research institutions, educational organizations, and industry players.
- Explore mechanisms for ensuring data privacy and regulatory compliance.
- Continue evolving the governance mechanism based on the needs of the growing community.

DISCLAIMER

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