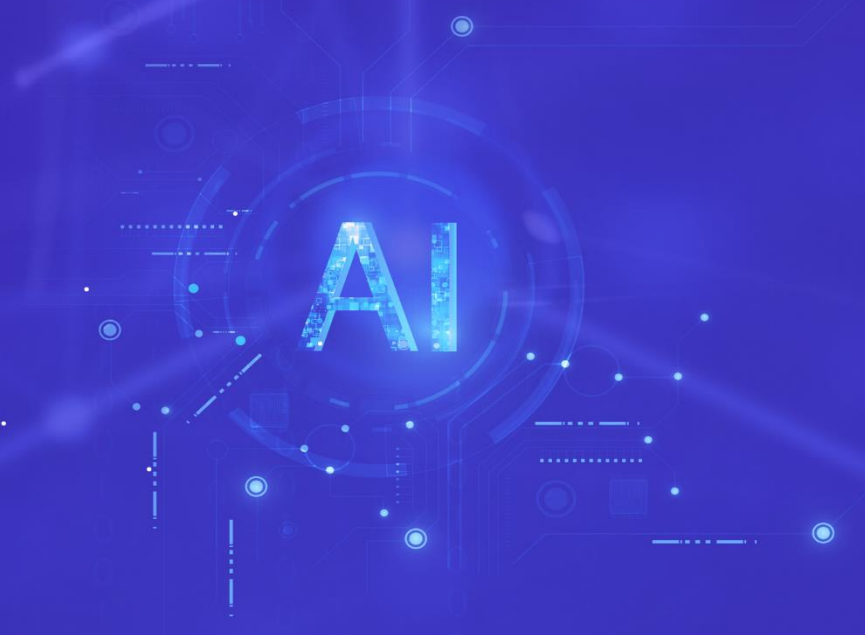


AIOR Token Whitepaper



Index

1. The problems, solutions and missions	4
1) Missions	4
2) Pain-points and Problems	4
3) Solutions	5
2. Service Blueprint	7
1) Digital Asset Index	7
2) Non-digital Asset Linkage Service	8
3) Price-predicting Service	8
4) Investment Community	9
5) Community Messenger	9
6) AIOR Token	9
3. GTM Strategy & Business Model	10
1) Business Model	10
2) Target & Market potential	12
3) Competitive Advantage & Positioning Strategy	13
4) Token Incentive Strategy for network effect	14
4. Technical resources	16
1) AIOR's Roll in MASnet as dApp	16
2) Technical processes	20
3) Data Processing	22
4) Indicator Data Processing	23
5. Roadmap	26
1) AIOR Stage1('24.1Q ~ '24.4Q): The Start	26
2) AIOR Stage3('25.1Q ~ '25.4Q): Advancement	26
3) AIOR Stage3('26.1Q ~ '26.4Q): Diffusion	27
4) AIOR Stage3('27 ~): Global Leader	27
6. Tokenomics	28

1) Token Allocation	28
2) Funding Allocation	29

오류! 책갈피가 정의되어 있지 않습니다.

7. Community **30**

8. Disclaimer **30**

Priority Language and Legal Notice for the White Paper Application	30
A Predictive Clause about the Future	31

1. The problems, solutions and missions

The digital asset market is entering a new growth stage due to the rapid increase in demand and transactions for blockchain digital assets, but as seen in the recent Luna incident, the volatility problem in the digital asset market has not been solved.

The AIOR project aims to build an ecosystem where digital asset investors can conduct more stable investment activities by providing more scientific and transparent data and communication structure on digital assets fluctuations.

AIOR found possibilities within the blockchain features themselves, and is based on progressive service with the application of the recent AI technology.

Moreover, AIOR is on the phase of realizing large-scale services by building an ecosystem based on the WEB3.0 DApp which combines both blockchain and AI artificial intelligence.

1) Missions

Providing scientific and transparent change in digital asset data to blockchain digital asset investors, and enabling investors to coexist and win together via a digital asset community where investors share both information and rate of investment

AIOR strives to fulfill its mission both in terms of data and community to potential and certified digital asset investors

- **Data aspect: Provides scientific and transparent data in digital asset change**
Owing to its intrinsic characteristics, every single transaction information such as digital asset mining, transmission, and incineration is recorded on the blockchain. By reflecting such characteristics of the blockchain, AIOR extracts and processes information that are related to digital asset fluctuations from the blockchain, and eventually educates Deep Learning by itself, and converts it into data.
- **Community aspect: sharing information and rate of return between investors and potential investors**
AIOR provides a community where investors or potential investors can actively communicate with each other on asset investment experiences, knowledge and investment performance so that they can coexist and develop with each other.

2) Pain-points and Problems

- **Limitations of exchange-based digital assets**
Currently, most of the information on digital asset fluctuations is obtained from exchanges, thus, it is characterized through trailing information. By relying on such, it is natural to be extremely exposed to the surge and plunge of digital assets caused by sudden events.

Especially considering that digital assets which commonly involves frequent rise or fall are highly volatile by nature, such exchange data have numerous limitations to be utilized as Deep Learning education data.

- **Arbitrariness of information within the digital asset community**

It is extremely difficult to locate a service that provides scientific and transparent information related to digital assets. Most of the digital asset-related information sharing communities are operated based on personal experiences and judgments, and information that is difficult to clarify and verify.

These problems make dependence on influence even stronger, which increases the likelihood of further damage. While at the same time, lowering trust in digital asset investment as a consequence.

3) Solutions

- **Leading data service related to change in digital assets within the digital asset blockchain**

- **Provide information on the trends in non-digital asset which affects price fluctuations in digital assets**

We provide services in parallel with economic-related indicators such as stock prices, gold, and exchange rates in hopes of helping investors to make a right decision based on internal and external information.

More specifically, there has been a severe volatility taking place politically, economically and militarily along with the recent expansion and strengthening of international networks. Given that it has direct impacts on price and volatility of digital assets, it seems crucial to provide digital assets related-information from outside sources as well.

- **Digital asset prediction service using the latest deep learning technology**

Focusing on leading data related to digital assets in the block chain We provide services by building a model that can predict changes in digital asset prices educating itself on related data such as price trend information and stock prices of exchanges using Deep Learning. With this forecasting services, investors can gain more reliable reference data, which enables them to conduct more scientific investment activities in digital assets.

- **Sharing community services regarding information on digital assets and return on investment performance**

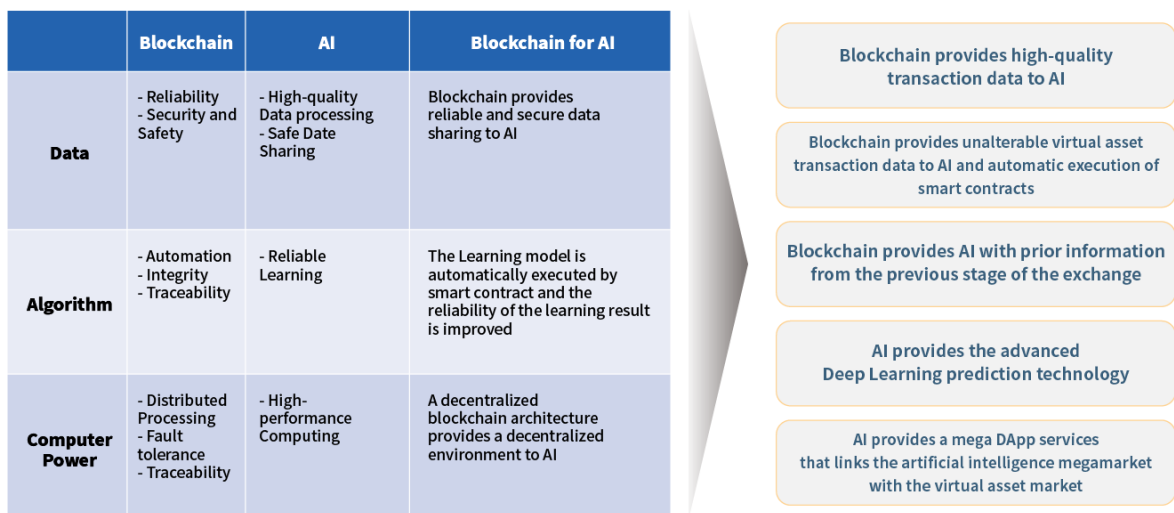
AIOR serves as a community wherein you can build a firm relationship between ordinary investors and influencers such as digital asset investors or information providers. AIOR allows active and professional investor influencers to share return on investment, thereby building and developing relationships based on performance, which enables communities to operate based on trusts.

By directly receiving its transactional information from the exchanges and managing it on its own, influencer's performance eliminates the possibility of forgery. In addition, the community supports

the operation by thoroughly assessing the levels of needs in a given community. This allows to take members opinions into account, along with the application of public and private methods.

- **Messenger service of digital asset communication community**
AIOR facilitates the smooth communication between individuals as well as organizations by supporting its own messenger service which is internally developed for safe communication within various communities.
Specifically, digital asset-only messengers provide P2P-type digital asset transmission and exchange functions to foster active exchanges of digital assets in the community.

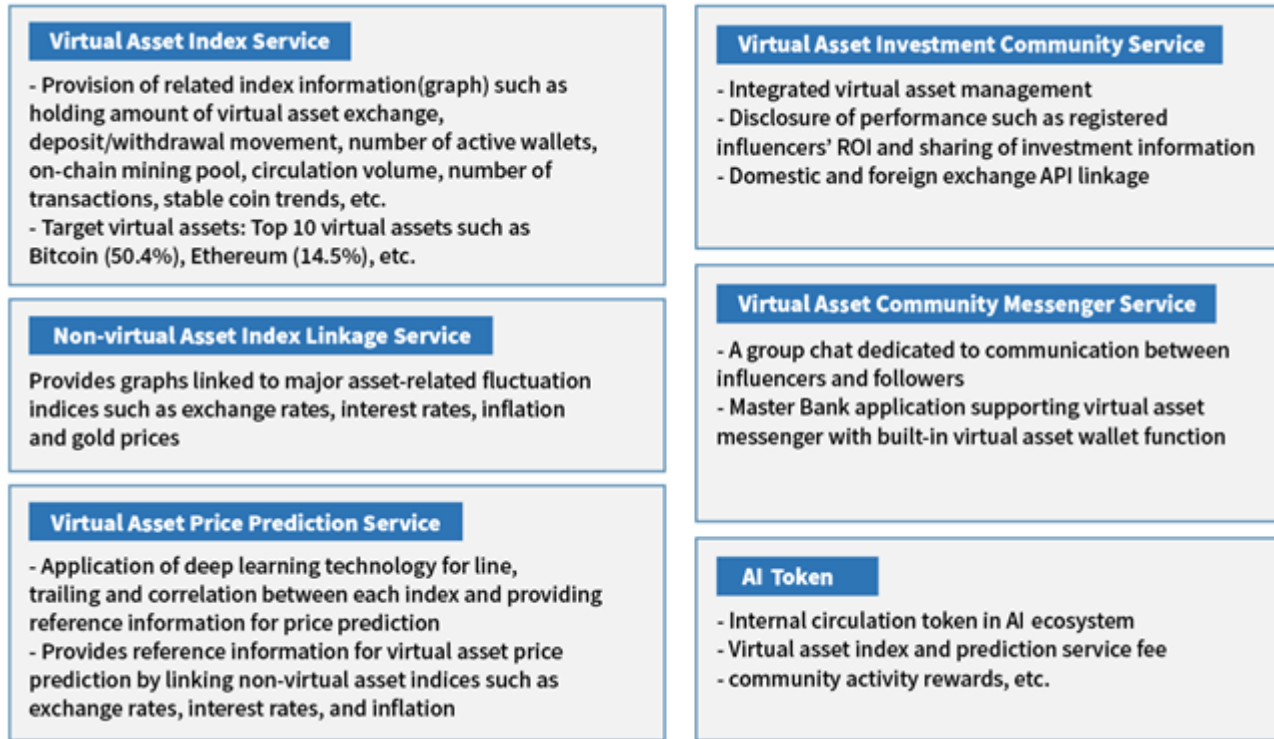
- **Synergy of the Blockchain and AI Convergence**



[Blockchain & AI]

The convergence of blockchain and AI technology is the best combination to maximize synergistic effects. AIOR acquires fundamental data for prediction such as digital asset prices from on-chain analysis to secure data integrity, transparency, and security. It also provides a more scientific virtual approach to asset prediction services by building a forecasting model with advanced AI deep learning technology.

2. Service Blueprint



[AIOR main service]

1) Digital Asset Index

- **Index service of the top 10 global digital assets including Bitcoin and Ethereum.**
- **Indexing of the main on-chain digital asset data.**
 - Data 1: Movements of mined digital assets by large-scale miners (movement of exchanges and etc)
 - Data 2: Large-scale movement of funds such as stable coins to buy digital assets
 - Data 3: The degree of separation between the average price and circulation of digital assets (in the event of a large scale, alarms, and etc)
 - Data 4: Regulations and favorable trends in each government
 - Data 5: Analysis of associated economic indicators

Data related to digital assets is indexed and serviced based on data of the on-chain.
The index is shown by category (Ticker) and index type.

- **Robotic Process Automation (RPA) for data collection and processing of digital assets on-chain.**

It provides an RPA specifically designed for an intelligent agent, collecting, processing, and movement of digital asset-related data which is directly recorded on-chain. RPA is located at the front end of the data pipeline and serves as a constant source of data from the blockchain.

2) Non-digital Asset Linkage Service

- **Focus on indicators such as stock prices, exchange rates, and written-based documents such as news and postings to target relevant external information on digital assets.**
- **Linkage with global economic indicator providers such as Yahoo and the New York Times.**
- **Global policy and information on trend associated with digital assets on Google, Yahoo, New York Times, and Naver.**

In connection with paid and free global economic indicators providers and institutions, the necessary information is obtained and serviced periodically using RPA.

In connection with major domestic, overseas, and cost-charging and free news portals, trending information such as digital asset-related news is collected and gathered at regular intervals using RPA to provide information.

3) Price-predicting Service

- **Design and service a digital asset price prediction model using a deep learning data set that encompasses prior information such as digital asset fluctuations in the blockchain, quantitative and non-quantitative data of related economic indicators such as exchange price trends, stock prices, and news.**

Build a more advanced prediction model by constructing and learning deep learning data sets based on the leading and trailing, as well as correlations of each target data.

- **Supports a variety of deep learning algorithms.**

As the digital asset investment market is still very volatile in its early stages, there are some difficulties in increasing the performance of predictions with the application of a single algorithm due to high fluctuations and irregularities in prices.

AIOR offers special services with a variety of algorithms, including Bayesian Neural Network (BNN), Long Short-Term Memory (LSTM), Support Vector Regression (SVR), and Ensemble Algorithm (Ensemble Algorithm), enabling users to make broader choices and references.

- **Blockchain-linked data pipelines and associated data pipelines.**

Ranging from digital asset blockchain nodes to deep learning data sets, data pipelines distinguished by trend information such as related economic indicators and news are established separately to build a stable data circulation structure.

These data pipelines help you achieve personalized services by accommodating special requests from individual investors.

4) Investment Community

- **AIOR shares transparent information about its investment and return on influences, structuring a solid foundation for community reliability, continuous development, and robust growth.**
- **Share information on investment returns on influences through system in association with digital asset exchanges.**

The AIOR should be registered as an influence within the community and have the rights on the exchange API authority towards AIOR to inquire about its investment performance. AIOR calculates performance through the given API and shares it within the community.

- **Protection of sensitive information such as private information of influences.**
In order to protect private information, all personal information such as user confidential data is “de-identified” and used in compliance with all laws and institutional regulations.

5) Community Messenger

- **AIOR community is created as a messenger platform and equipped with built-in digital asset wallet function.**

- **Provides public and private chats and interpersonal messaging functions.**

AIOR users can use groups or individual messaging services between members through a dedicated messenger. Users can exchange information and transfer files safely through messenger, and store the necessary information on the blockchain.

- **Community messengers is equipped with built-in digital asset wallet functions.**

AIOR community messenger becomes meaningful as a sole digital asset messenger as AIOR messenger has a digital asset P2P wallet function. Hence, it can be immediately used whenever members want to trade digital assets with P2P. With the help of messenger as a digital asset wallet, community activities can be further activated, and this will contribute to a rapid expansion in AIOR ecosystem.

6) AIOR Token

- **The AIOR ecosystem is highly interconnected and expandable with the AIOR tokens.**
- **AIOR tokens are used as a means of paying fees for various services such as AIOR index services and digital asset price prediction services.**

The commission fee of AIOR tokens will be allocated to the mainnet as a usage fee, while others will be distributed to the AIOR app platform spent through various AIOR operations.

- **AIOR token is also used as a reward for AIOR community activities.**

Rewards and incentives play a pivotal role in bringing network effects by securing the initial momentum of the community. AIOR tokens are not randomly air-dropped to an unspecified number of people, but instead are distributed at a certain rate based on the evaluation of influencers or ordinary users' activities. By doing so, communities are able to engage with more active users, consequently resulting in network effects.

3. GTM Strategy & Business Model

1) Business Model

 <p>Key Customers</p>	<ul style="list-style-type: none"> - Virtual asset investors - Virtual asset potential investors - Domestic/overseas virtual asset users 	 <p>Competitive advantage</p>	<ul style="list-style-type: none"> - Non-virtual asset index integrated virtual asset price prediction - Virtual asset community for ROI sharing - Virtual asset management and transfer support messenger - Holding virtual asset active users(Marketers)
 <p>Customer Challenges</p>	<ul style="list-style-type: none"> - Decreased information reliability due to community-oriented information acquisition - A risk of "blind investment" due to the absence of analytical information on virtual asset trading trends 	 <p>Problem</p>	<ul style="list-style-type: none"> - Get the data set for deep learning - Prediction model using deep learning
 <p>Value proposition</p>	<ul style="list-style-type: none"> - Prediction of virtual asset trends through on-chain information trends and major real economic indicators analysis 	 <p>Cost</p>	<ul style="list-style-type: none"> - Marketing - Platform S/W development, H/W and N/W building - Platform operation
 <p>Channels of distribution</p>	<ul style="list-style-type: none"> - Viral marketing through own marketers - Linking domestic and foreign virtual asset exchanges / wallet services - Linking domestic and foreign virtual asset information provision services (Coindesk, Coinmarketcap, Coingecko, etc) 	 <p>Revenue Stream</p>	<ul style="list-style-type: none"> - Providing paid services(subscribed) and free service separately → Market Share first - Other profit : Advertising revenue, etc.

AIOR

offers value propositions for providing artificial intelligence-based digital asset index and price prediction services. It has a business model that extracts and processes information on changes in digital asset indicators directly from the blockchain itself.

[AIOR Business Model Canvas]

● **Value Proposition of AIOR**

AIOR first value proposition is **“to analyze transactional information of blockchain digital assets by deploying AI technology in order to provide a more scientific basis for predicting price fluctuations.”** The second value proposition lies in **“generating a win-win scenario wherein the digital asset value rises through a community of digital assets based upon the sharing returns and influences of active investors.”**

FOR	Digital asset Investors and Potential Investors
WHO	Users who depend from the exchange outcome. Those who can not predict the surge or fall of an asset and are struggling with subjective and arbitrary influences
OUR	AI-based Digital asset Index and forecasting services based on the Market sentiment influence and community
IS	Using the transactional information recorded within the blockchain and the shared community to make profits
THAT	Providing a digital asset community wherein precise and scientific digital asset predictions and trusted information are communicated

[AIOR Value Proposition]

Revenue Model

- AIOR based its business model on collecting fees while having a subscription service fees for the use of the digital asset index and prediction services. This acts at the main sources of revenue. More specifically, subscription services, which have recently been diligently applied, are expected to generate major profits considering the active loyalty of digital asset investors.

In addition, we will be developing policies to proactively attract users by dividing the service fees into a free and paid model.

For professional investors, we offer personalized and dedicated services to ensure higher profitability.

● **Distribution Model**

The AIOR service will be equipped with the “Master Bank” that the project team already owns, and will utilize the existing customer base and active participants as the driving force for initial user acquisition.

Based on this, the company has secured a foundation in order to spread of major domestic

and foreign digital asset wallets and information service companies and institutions, which will lead to further visibility and awareness.

2) Target & Market potential

● Target

The primary market AIOR is looking at is the digital asset market. Although there have been many ups and downs since Bitcoin came into existence in 2009, the digital asset market has been constantly growing ever since.

AIOR aims to combine blockchain digital asset investment information services with AI in an effort to converge the blockchain market as a whole and AI.

- ✓ By 2030, AI will have increased the value of the world economy by up to \$15.7 trillion dollars which would represent 14% of the global GDP (PwC Consulting)
- ✓ Blockchain Value Growth is expected to reach \$3.1 trillion dollars in the same year (Gartner)
- ✓ The size of the Korean virtual asset market will reach 50 trillion Korean won and 1.775 trillion Korean won globally (Bank of Korea, 06/21/2022)
- ✓ Domestic virtual asset investors : Over 5.7 million in 21 years (Kwon Eun-hee, People's Party, Financial Services Commission)
- ✓ By 2030, 16% of the American total population would be invested in Virtual Asset (Around 53 million people)

● Convergence of the Blockchain Digital asset Investment Market and Artificial Intelligence Service Market

AIOR's AI-based digital asset index and price prediction service combines the blockchain digital asset investment market with artificial intelligence.

More specifically, what makes this convergence more impactful would be the combination of the AI market high potential and the investor "loyalty" regarding the digital asset

market, in turn leading to stronger market synergies.



Blockchain & AI Integrated Market Targeting

AI Market Potential + Digital Asset Royalty
= Mega Market Driver

3) Competitive Advantage & Positioning Strategy

- **Competitive Advantage strategy: Forecast of the digital asset and AI Market in their early stages**

The market AIIN is aiming for is still currently at its early stages and is serviced by a small amount of both domestic and external organizations and institutions.

In Korea, Company C, which recently opened its service, has about 1.24 million visitors per month paired with 250 000 users from over 200 countries.

AIOR developed its competitive advantage through uniqueness by integrating on-chain information stored on the blockchain. For this, it uses RPA and different digital asset communities. Also, the usage of digital asset messenger service with digital asset index and prediction service constitutes a key part of AIOR strengths.

- **AIOR Market Positioning**

AIOR positioned itself as an information provider to help digital asset investment make strategic decisions based on scientific data. It also has plans to “trade” experience and knowledge about digital asset investment This would be backed by transparently share the influence metrics return to provide a mutual win-win situation while rising digital asset community. This would ultimately grant users higher profitability.

4) Token Incentive Strategy for network effect

AIOR is a WEB3.0 DApp. AIOR noticed the limitations and issues arising from WEB 3.0 DApps in securing a large pool of users. AIOR determined that this problem lies in the DApps marketing itself and would like to offer an alternative

- **The differences between WEB2.0 and WEB3.0 network effectiveness strategies**

WEB2.0, represented mainly by social media interaction, reached its peak by deploying large-scale marketing funds centered around economies of scale to secure market dominance through network effects.

On the other hand, in WEB3.0, it is common to attract users with incentives.

However, contrary to expectations, users who received token incentives through ICOs or air drops failed to convert themselves as drivers of the network effect.

- **Issues in offering Token incentives in Web 3.0**

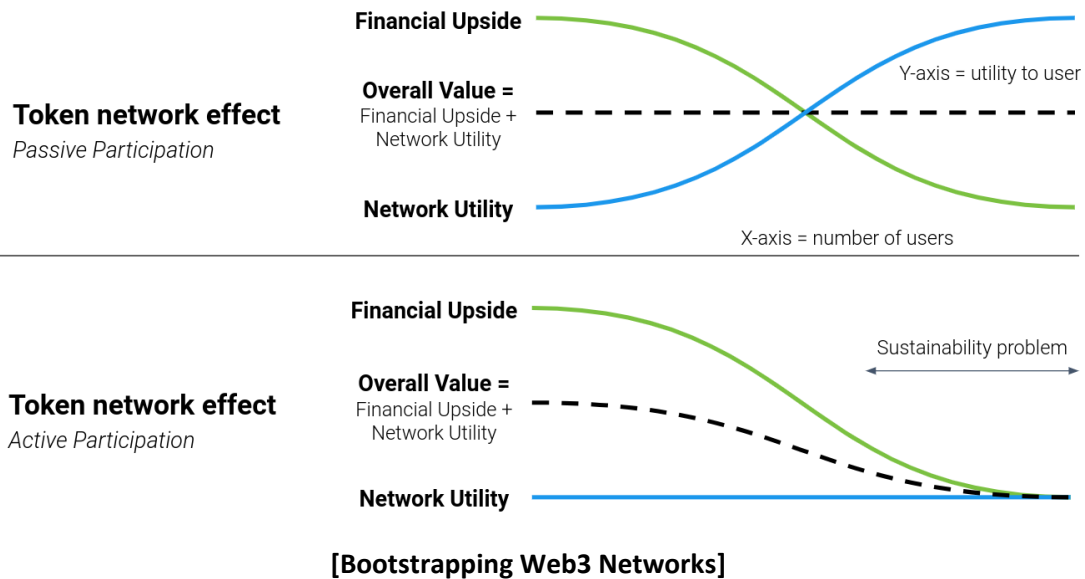
A lot of Token-related events took place already in the WEB3.0 Dapp space. The goal was to attract attention and secure users by randomly distributing tokens to the public.

However, by proceeding this way, it seems that the platforms reached a limit in securing more users for their Dapps. Instead, the incentive event drew people away from investing and their interest in the tokens shifted. This led to a non-network effect, and rather, only increased token inflation.

AIOR Token incentive strategies for network effectiveness

Compared to traditional WEB2.0 procedures, WEB3.0 DApps seems to be better equipped regarding network growth and effectiveness. The tokens issued from WEB3.0 DApps, if used properly can be utilized to develop users' engagement in the DApps ecosystem. By doing so, you can solve the "cold start" problem and create a good basis to rapidly acquiring new users.

To this end, AIOR has established new key targets and methods for token incentives.



- ① Target: Active participants who need AIOR services and are willing to use them actively
non-active users inside the network negatively impact the overall experience inside an ecosystem, which leads to a decrease in the value of the token benefits. Therefore, token incentive policies should be established around active participants.
- ② Method: Token incentives based on the utilization rate of AIOR services

Token incentives are designed to be given away based upon the participants degree of utilization rate. As usage increases, incentives also increase accordingly up until a certain level. This aims to solve the "cold start" problems in the business early stages, while also establishing token incentive strategies to exert network effects.

4. Technical resources

AIOR acts as a DApp on the MASnet platform. MASnet is an "intelligent blockchain platform that fully supports the Web 3.0 business" and features the support of AI DApp.

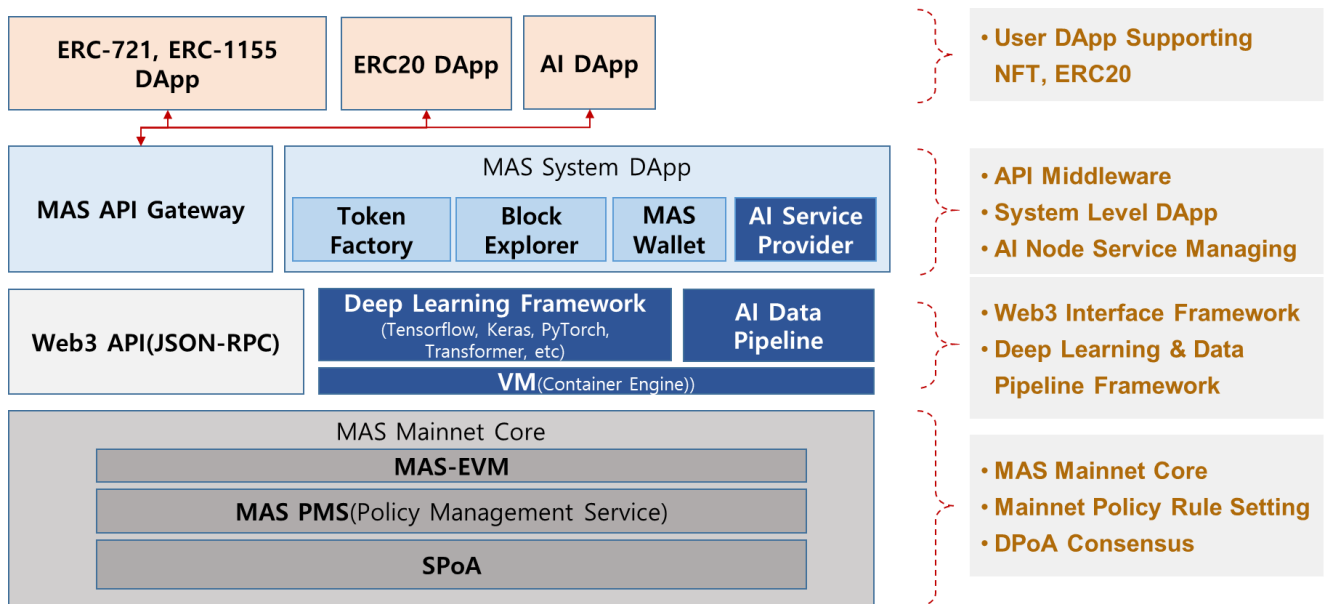
AIOR operates in the AI Web 3.0 platform and is considerate to be the best developed and technically advanced Dapp on MASnet.

AIOR is a DApp centered on blockchain internal information applied with AI technology. Its main features include the connection and integration of MASnet blockchain, on both internal and external data, and the application of deep learning technology.

1) AIOR’s Roll in MASnet as dApp

- **MASnet Overview:**

MASnet's main technology composition is centered on blockchain platform architecture, smart contract nodes, SpOA consensus algorithms, and AI nodes in an effort to support artificial intelligence DApps.



[MASnet Platform Architecture]

① MAS-EVM, Web3 API support

Masnet applies Ethereum EIP and ERC protocols, fully supporting and compatible with Solidity Smart Contracts. In addition, as it supports standard APIs such as Json-RPC, it also supports convenient linkage and integration technologies.

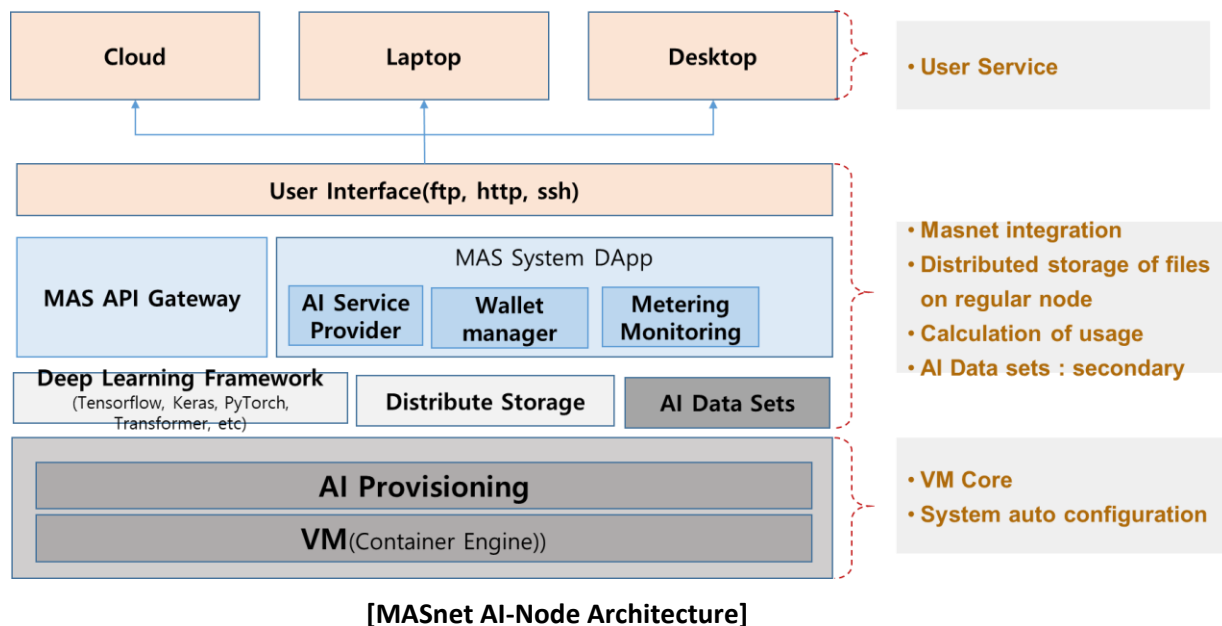
② AI Node Support as an AI-enabled blockchain platform

The AI node is responsible for embedding the deep learning framework into the blockchain platform.

AI node configuration: It assists the infrastructure that enables virtualization and most of the latest deep learning frameworks around tensorflow, Keras, Pytorch, and Transformer.

It also develops a data pipeline which can upload and move learning data, test data, and model data, while enabling storage for AI datasets.

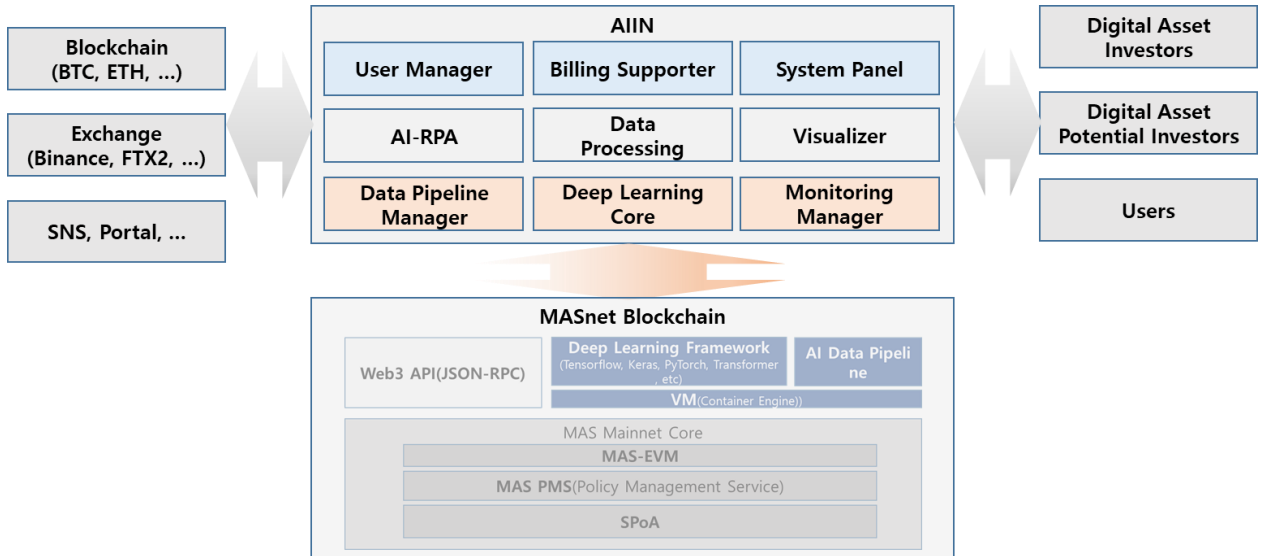
The AI node is based on GPU installations, hence, providing a variety of positive conditions for AI DApp development.



● **AIOR Architecture**

AIOR has centered its architecture around applications running on artificial intelligence which work in conjunction with blockchain.

The main configuration consists of data pipeline managers, AI-RPA (Robotic Process Automation), and data processing modules that preprocess and postprocess data around the deep learning core.

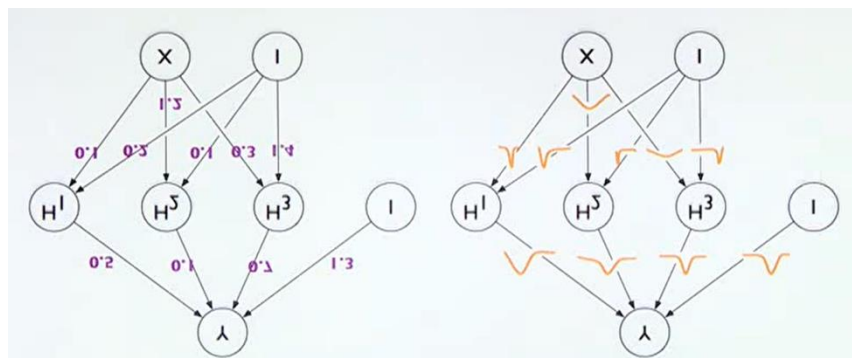


[AIOR Software Architecture]

● **BNN (Bayesian Neural Network), LSTM (Long Short-Term Memory) centered around the Deep Learning Core**

AIOR's deep learning engine, Deep Learning Core, supports multiple deep learning algorithms.

Also, the main algorithm developed by AIOR is the BNN algorithm.



[AIOR Process Block Diagram]

The BNN algorithm operates differently from other algorithms, it applies statistical values and determines the probability of prediction execution, rather than determining the coefficients of each neuron to a specific value.

These characteristics have shown the strongest advantages for highly volatile data, such as digital assets, as already confirmed by several researchers.

AIOR considers the performance of these researchers and adopts BNN as the central algorithm in its digital asset price prediction service.

AIOR also supports other algorithms in parallel.

More specifically, the RNN-based LSTM algorithms, which have shown excellent performance in Time Series Analysis. Users can be provided with two algorithms at the same time, and can compare and refer to digital asset investment activities.

● **AIOR Integrates MASnet**

① **MASnet DLF – Utilization of the Deep Learning Framework**

The deep learning frameworks used by AIOR, such as Tensorflow, Keras, Transformers, and Scikit learn, are all supported by MASnet DLF. Consequently, it made sense for us to utilize them.

Should there be a framework or module that is not currently supported, it could be installed and operated as needed in the provided virtual environment.

② **Data Pipeline**

Within AIOR, the data pipeline has a significant position.

Indeed, the dataset composition contains basic information, transaction information, and economic-related indicator data by ticker and non-numerical text data, and the processing methods and procedures are different.

AIOR applies MASnet's ADP (AI Data Pipeline) in order to establish and apply a set of data for each pipeline.

③ Linkage and integration through Json-API

MASnet supports most standardized program interfaces such as Json-API and RPC on the platform.

AIOR uses APIs to link and implement system integration in all areas that require an interface with the MASnet platform, such as recording the use of deep learning cores, using data pipelines, and inquiring transaction details for monitoring and billing.

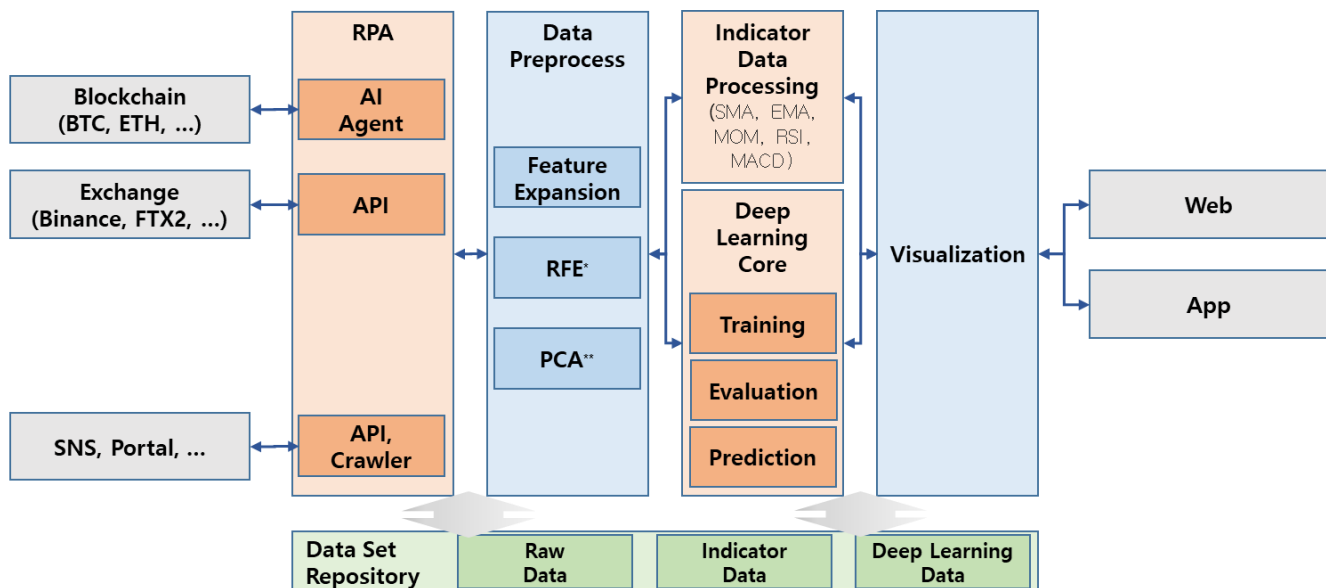
In other words, AIOR can operate the MASnet blockchain as a whole by supporting both records of MASnet's blockchain and inquiry of State DB.

2) Technical processes

AIOR is an AI-enabled DApp, and the entire process can be divided into areas wherein the data can be read in conjunction with the blockchain. The artificial intelligence applications can be applied for prediction services by building learning data sets for deep learning.

These areas are “re-divided” into the Digital asset Indicator service and the Crypto-Price Prediction Service

[AIOR Process Block Diagram]



*: Remove Irrelevant Feature, **: Principal Component Analysis

- **AIOR AI-RPA**

AI-RPA is responsible for searching data inside the blockchain. For instance, the top 10 digital assets, namely, Bitcoin, Ethereum, and Binance blockchain and so on. Furthermore, it can track the necessary information institutions need outside of the blockchain, such as digital asset exchanges, SNS, media, and portals.

- ① **AI Agent to retrieve information from inside the blockchain**

AI-RPA reads data periodically and at irregular intervals in accordance with certain rules which are set to inquire about the data recorded inside the blockchain.

The imported data is stored either on a MASnet off-chain or a separate designated repository for an easier access to the data pipeline.

- ② **Linkage to get information from outside the AI blockchain**

Economic indicators and news related to digital assets are obtained through the RPA. It applies an API provided by the organization or a web crawler that can automatically import data from the web.API.

These data set are stored the same way as when they are obtained from within the blockchain. However, they are combined with separate identification systems, which can be processed differently according to the nature and utilization of the data.

- **Data Set Repository**

AIOR conducts a data store, namely, the "Data Set Repository," which is located off-chain. As security problems such as deterioration and damage can occur, MASnet prevents this by storing hash values in the blockchain.

The dataset repository is interfaced throughout the entire AIOR process, in turn, the data pipeline controls these interfaces.

- **Visualization**

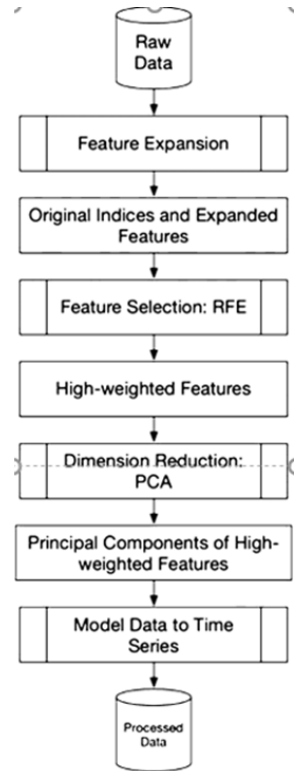
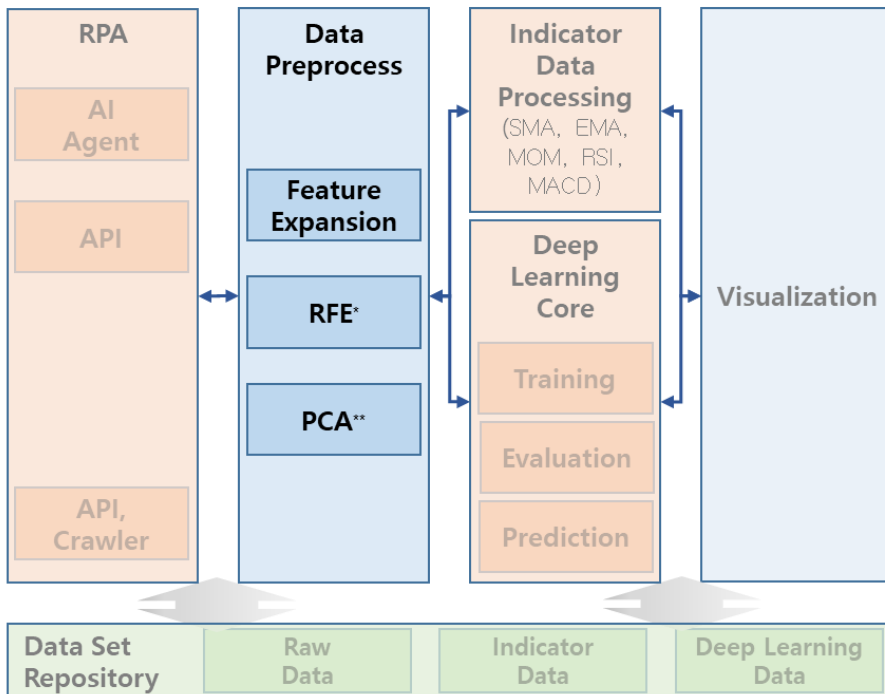
The AIOR visualization services takes on a key role in ensuring user convenience.

The visualization module performs functions that enable users to intuitively view the results data in a short time frame, including reprocessing and tailoring the results data.

3) Data Processing

Data processing as data pre-process function is a necessary process to generate higher quality model data by refining the training data and processing it according to the purpose.

AIOR uses engineering techniques from raw data moved from the AI-RPA to perform cleaning, tuning, transformation, extraction, and expansion on data.



*: Remove Irrelevant Feature, **: Principal Component Analysis

[Data Preprocess: Feature Engineering]

- **AIOR Features Engineering: Feature Expansion, RFE, PCA**

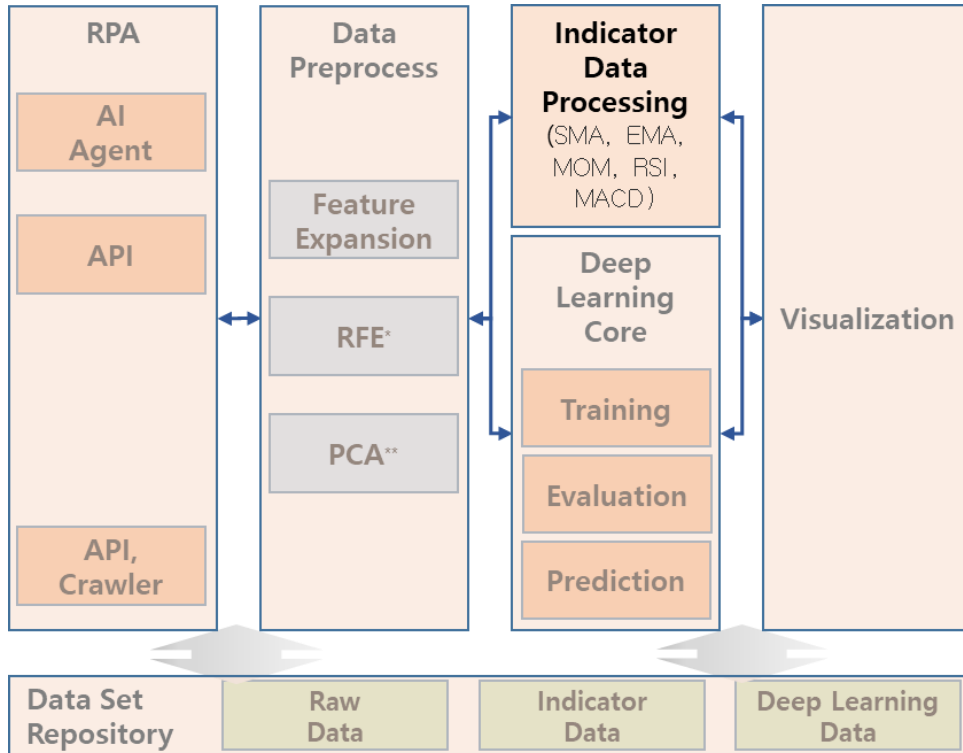
To improve the quality of learning outcomes in AIOR, Data preprocessing is required. This focuses on feature point expansion, Recursive Feature Elimination (RFE), and Principal Component Analysis (PCA) techniques.

This is a Feature Engineering technique that builds learning datasets through the

reconstruction of feature points, which enable more efficient and accurate learning in the deep learning core.

4) Indicator Data Processing

AIOR digital asset index service acquires data within the blockchain. These indices are established to meet the needs of the users which remains of its main purpose.



In addition, AIOR has been supporting indexes that are widely acknowledged in financial engineering which tend to be familiar as basic functions for users =.

[Indicator Data Processing]

- **Calculation Index: SMA, EMA, MOM, PSI, MACD**

These indices are mathematical factors which can be indicators of price trends and trading volume, in turn, predicting the digital assets future price performance, leading to more accurate buying and selling signals.

- ① **SMA and EMA Exponential Moving Average**

$$SMA_t = \frac{1}{n} \sum_1^n P_t \quad EMA_t = EMA_{t-1} + \frac{2}{n+1} (P_t - EMA_{t-1})$$

SMA and EMA are used as basic indicators to predict price trends.

EMA is evaluating the current data set with a higher weight than historical data.

Digital assets are volatile, and in some cases highly volatile. Thus, they have a short-term moving average less than other cases.

② MACD (Moving Average Convergence/Divergence)

$$MACD = shortEma - longEma$$

The MACD is calculated as the difference between the short-term and long-term EMA moving averages.

③ RSI (Relative Strength Index)

$$RSI = 100 \frac{upavg}{upavg + dnavg}$$

RSI is a useful technical indicator to identify "overbuying" and "overselling" phases.

AIOR sets specific range as evaluated ratios to overbuy and oversell signals in the range of 0-100 RSI values. However, this value could change through continuous hands-on experiences.

④ MOM (Momentum)

$$\text{MOM} = P_t - P_{t-n}$$

The MOM measures the rate of change value over a given period of time. AIOR sets this measurement period to up to 10 days.

- **Indexing of Internal Signals in Blockchain**

As the gathered- and stored-data becomes higher in the blockchain, the AIOR indexes not only basic signals but also triggers alerts which can affect the digital assets price.

- ① **Signal 1:** Movement of mined digital assets from large-scale miners (e.g., movement of exchanges)
- ② **Signal 2:** Movement of large-scale funds, such as stable coins, to buy digital assets
- ③ **Signal 3:** Degree of separation between the digital assets price and the average distribution amount (e.g., large scale, alarm, etc.)

5. Roadmap

AIOR is forming a synergistic relationship with the growth of MASnet as the members of MASnet ecosystem.

MASnet has been already starting Dapp services and we expect a rapid expansion of the MASnet network and its ecosystem.

AIOR's roadmap was designed in partnership with MASnet.

1) AIOR Stage1 ('24.1Q ~ '24.4Q): The Start

AIOR is a promising service that combines blockchain and AI which could bloom in Web 3.0. In addition, AIOR is establishing a token policy that can effectively overcome the cold start of token incentives and successfully lead to network effects.

- **Stage 1: Building the groundwork for development through listing and service opening.**
- **Key Milestones**
 - ① AIOR Listing: The start of marketing initiatives with AIOR business official declaration
 - ② AI Indicator Open: AI Indicator is the world's first comprehensive blockchain information index service and is expected to strengthen the foundation of AIOR by getting attention from both domestic and overseas digital asset investors
 - ③ **SING Token Full-scale Service:** SING Token is targeting 2 million franchises nationwide. The spread of the SING Token ecosystem in MASnet is expected to have a positive impact on AIOR whether directly or indirectly.

2) AIOR Stage3('25.1Q ~ '25.4Q): Advancement

AIOR includes digital asset index services, price prediction services, digital asset ROI sharing communities and messenger services as their core services. In the Advancement stage, AIOR will revamp its models with the opening of digital asset ROI sharing communities and messengers.

- **Stage 2: Advancement of AIOR with digital asset ROI (Return on Investment) Sharing Community and Messenger Service**
- **Key Milestones**

- ① Opening the digital asset ROI sharing community: As a first step, by transparently sharing the ROI of investment influencers. Also, pioneering this new market for the digital asset community
- ② Master Bank Messenger: By applying Master Bank messengers as a platform for digital asset community, it provides a smoother and a more transparent services between investors. It provides drastic easier services through asset transfer function.

3) AIOR Stage3('26.1Q ~ '26.4Q): Diffusion

Stage3 is a stage where the synergies between the MASnet ecosystems takes effect and each configuration services is stabilized

- **Stage 3: Ecosystem Stabilization through full-scale entry into MASnet NFT Business**

- **Key Milestones**

- ① NFT Bank: Full-scale start of both domestic and overseas NFT Business centering on Art NFT
- ② NFT Bank Contest: Securing stable NFT market with fandom-based NFT services

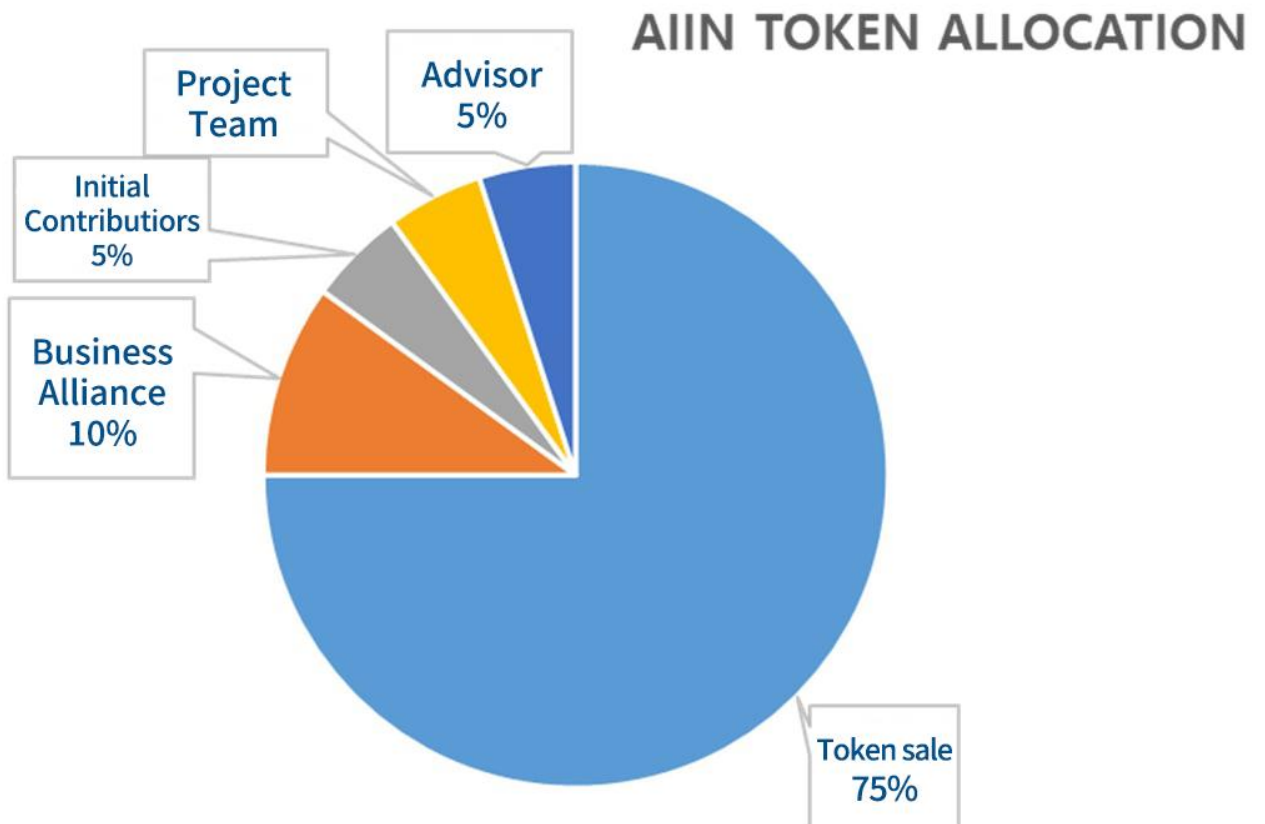
4) AIOR Stage3('27 ~): Global Leader

Creating the foundation for AIOR to become a global leader through holding a worldwide digital asset ROI tournament events.

6. Tokenomics

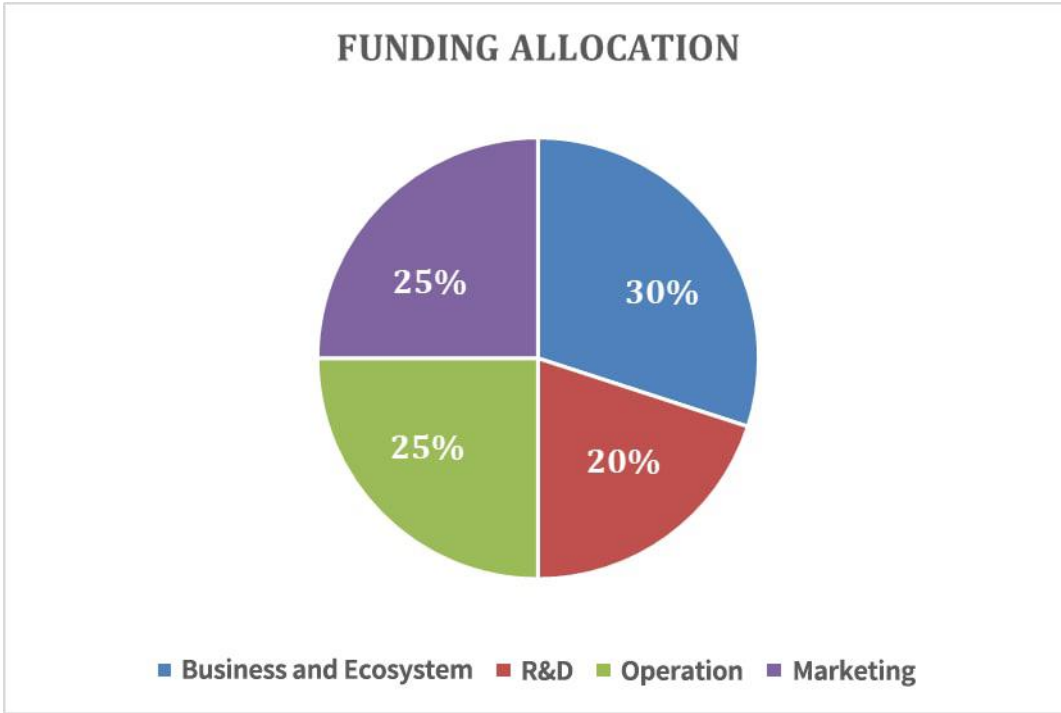
- AIOR token is WEB3.0 DApp Token.
- AIOR token is a pre-mined deflationary coin.
- AIOR token has no separate mining.
- The Maximum Supply of AIOR token is 200,000,000.

1) Token Allocation



- **Token Allocation:**
Token Sale: 75%, Business Alliance: 10%, Initial Contributors: 5%, Project Team: 5%, Team Advisors: 5%

2) Funding Allocation



- **Business and Ecosystem: 30%, R&D: 20%, Operations: 25%, Marketing: 25%**

7. Community

- **Twitter** : https://twitter.com/AIN_official
- **Telegram Group** : <https://t.me/AINofficial>
- **Telegram Channel** : <https://t.me/AINofficialannouncement>

8. Disclaimer

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